

# LAFAYETTE

# RADIO

CHICAGO

NEW YORK

ATLANTA



# 1936

FIFTEEN YEARS OF SERVICE-CATALOG NO. 59

# WHOLESALE RADIO SERVICE CO. INC.

NEW YORK, N.Y.  
100 SIXTH AVE.

CHICAGO, ILL.  
901 W. JACKSON BLVD.

ATLANTA, GA.  
430 W. PEACHTREE ST. NW

# CASH IN ON THE "30 DAY *Free Trial* OFFER"

**W**OULD you buy an automobile while you were blindfolded? Of course not! You would want to examine it carefully. Try it for 20 miles or more. Take it up a hill. Watch it step out in traffic. Give it every conceivable test of performance. Then, if it meets your requirements, you're ready to talk business.

Then why should you buy a radio set blindfolded? That is just what the average purchaser does. Mr. and Mrs. Radio Buyer

listen to a set perform for a half hour—perhaps for even an hour—and if it sounds good they purchase it. They fail to realize that the very same set may sound entirely different when it is installed in their own home, because of differences in local receiving conditions.

## WE GUARANTEE TO SATISFY!

We don't ask you to take our word that Lafayette will satisfy you! Instead, we give you an unequalled opportunity to test Lafayette in the privacy of your own home—for a full 30 days. Listen to it perform. Make it pull in every local station in your vicinity during the busy early evening hours. Then go after distance. You'll be thrilled.



Compare Lafayette with your neighbors' sets. Listen to its tone quality. Try it on clear, sunshiny days, or stormy, rainy nights. Put it through every test you can possibly give a radio set. Try it for two weeks, three weeks or a full 30 days. See for yourself how trouble-free the set is at all times. Yes, try Lafayette for 30 days, in your own home! Make your own decision as to whether or not Lafayette represents a truly fine investment in radio quality and satisfaction. Then, and then only, consider that you have purchased your Lafayette.

If, however, for any reason whatsoever you do not care to keep your set—if you are not absolutely and completely satisfied—your money will be refunded, without questions.

That is the famous 30 day FREE TRIAL OFFER originated by LAFAYETTE. It is, to the best of our knowledge and belief, the most liberal trial offer ever made by a radio manufacturer. Only our unlimited confidence in the quality that has been built into every Lafayette receiver makes it possible for us to offer such a broad guarantee.

## This Guarantee Protects You

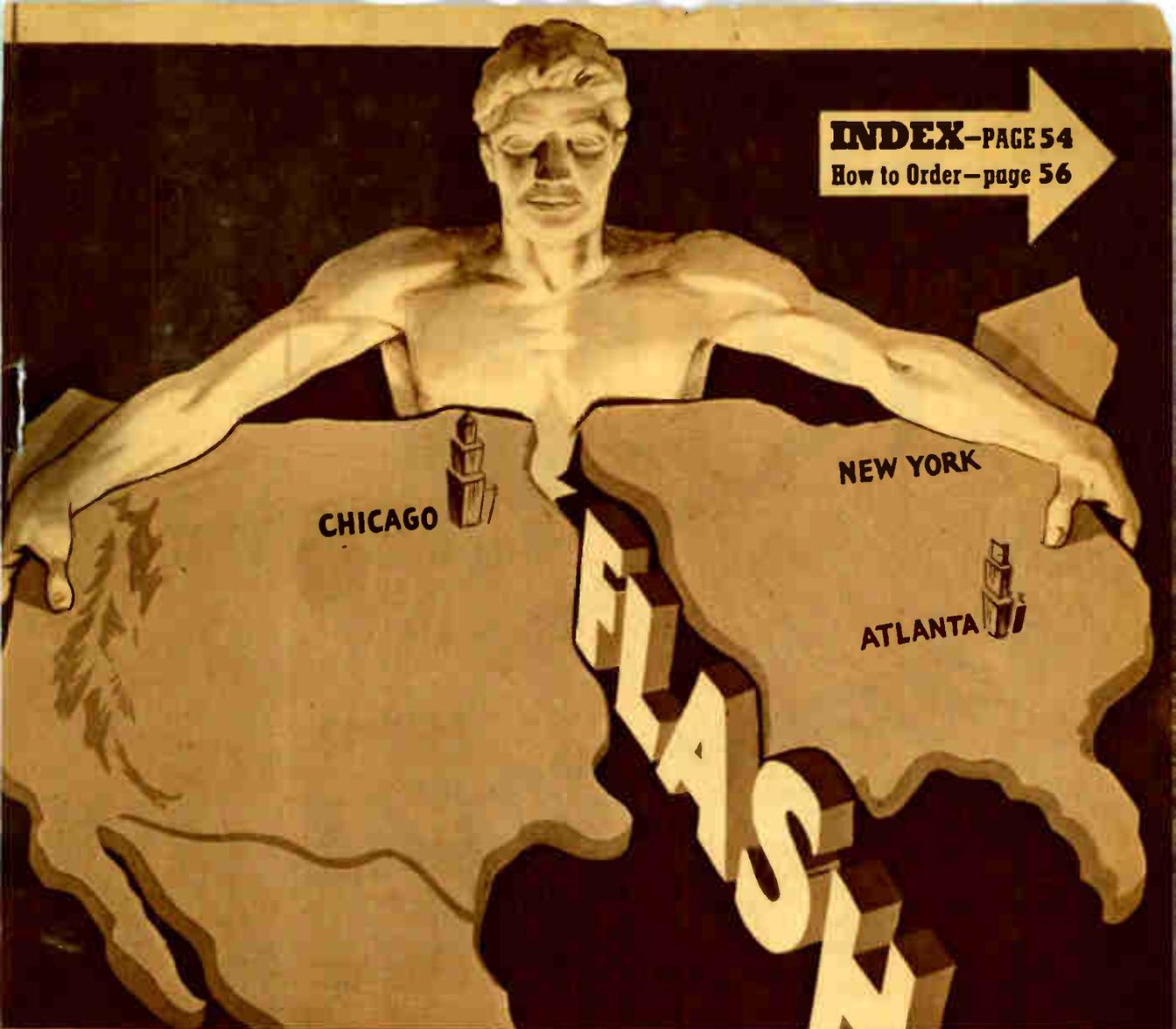
### Guarantee

We guarantee Lafayette—the Bonded Radio—to be satisfactory in every detail and to reach you in perfect condition—that it will give you the service you have a right to expect—that it represents full value for the price you pay.

Every buyer of a Lafayette radio set, purchased from Wholesale Radio Service Company, Inc., is entitled to 30 days' free trial, in accordance with the terms of our regular 30 day Free Trial Offer. If at the end of the period you are not absolutely satisfied with your Lafayette receiver, return it to us on or before the 30th day and your money will be refunded in full, less transportation charges.

WHOLESALE RADIO SERVICE CO., INC.





**INDEX—PAGE 54**

**How to Order—page 56**

**CHICAGO**

**NEW YORK**

**ATLANTA**

**FLASK**

## *New* **SUPER DISTRIBUTING POINT** *FOR West — Southwest — Midwest!*

**W**HOLESALE RADIO SERVICE COMPANY comes to Chicago!

7 Words—a simple announcement of fact that means much to every radio buyer in the West, Southwest and Midwest. 7 Words that cover endless months of feverish action and activity—months which saw the construction of scientifically arranged quarters to house the new branch—trainloads of merchandise (anything and everything in radio) delivered and arranged—a trained force of experienced radio men organized to serve you.

The establishment of our Chicago Branch brings the facilities of Wholesale Radio Service Company closer to your door. It means even faster service—

**W**HOLESALE RADIO SERVICE CO., INC.

**MAIL ORDER CENTERS**  
**NEW YORK, N. Y.**  
100 Sixth Avenue

**CHICAGO, ILL.**  
901 W. Jackson Blvd.

**ATLANTA, GA.**  
430 W. Peachtree St., N.W.

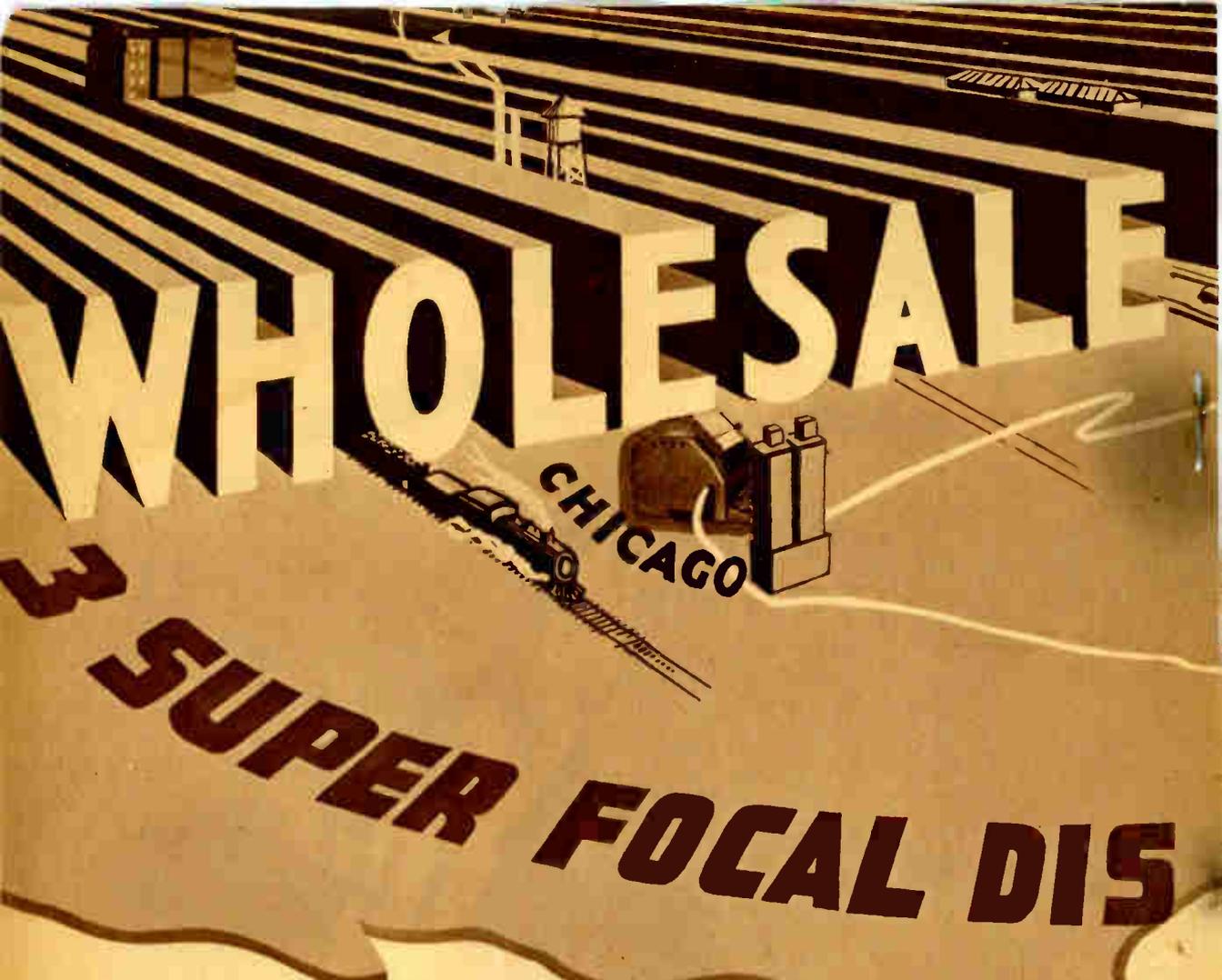
**LOCAL SALES SHOWROOMS**  
**NEWARK, N. J.**  
219 Central Avenue

**BRONX, N. Y.**  
542 E. Fordham Road

overnight delivery to the Southwest and Middlewest plus a tangible saving in transportation charges.

To radio men who live in Chicago and to those who visit here, we extend a cordial invitation to "come in and look us over." Talk shop, if you wish, with our technical men, who are ready and willing to help you with your problems. See the newest developments in radio always on display! Examine the huge stock of merchandise—and experience the feeling of complete cooperation and helpfulness featured by Wholesale Radio Service Company.

Wherever you live, we promise you **SERVICE, SATISFACTION** and the lowest possible prices consistent with quality merchandise!



**T**O you — our customers — we **GUARANTEE SERVICE**—the fastest, most efficient service that it is humanly possible to render!

**F**OR 15 years we have been constantly expanding our facilities to provide super-service — because we know how important that service is to you.

**A** **NATION-WIDE** organization, equipped with a trained, well-manned staff of radio

experts, is fully prepared at all times to better our pledge of same-day shipments. Every modern device for speeding up deliveries is utilized. Huge stocks of merchandise are maintained at all of our branches—our famed teletype service insures shipment from another point should a

## 1920 AN INDUSTRY IS BORN!

1920—AN INDUSTRY IS BORN! In the turmoil and confusion of radio's pioneer days, Wholesale Radio Service Company, Inc., came into existence. To a field racked by uncertainty, instability and haphazard business methods it brought three cardinal principles from which it has never deviated: To sell only dependable, quality merchandise . . . to sell at the lowest possible prices consistent with such quality . . . to render the fastest service it is possible to provide on every order. These things were promised—and through 15 years these promises have been kept.



# RADIO SERVICE

NEW YORK

ATLANTA

# TRIBUTING POINTS

*Our Pledge—*

**SPEED**

**ACCURACY**

**DEPENDABILITY**

branch warehouse ever exhaust its supply of any item.

**I**N New York—Atlanta—and now in Chicago—are great, modern warehouses and salesrooms where your orders are filled as fast as willing hands can pack, check and ship them. *Accuracy—Dependability—Speed—these are the guide-posts we follow!*

**W**HEREVER you may live **WHOLESALE** can serve you better from one of its three stra-

tegically located distributing points. When you order from **WHOLESALE RADIO SERVICE COMPANY**—whether in New York, Atlanta, Chicago or our display salesrooms in Newark and the Bronx — you get what you want when you want it—at *Lowest WHOLESALE Prices.*

**T**HE tremendous cash purchasing power of the largest radio institution of its kind in the world, plus the knowledge and experience of 15 years of radio specialization, are always at your command.



## 1936

### RADIO MARCHES ON!

1936—**RADIO MARCHES ON!** The infant business has developed into one of the largest industries in the U. S. And Wholesale Radio Service Company, Inc., has kept pace—grown in size to the largest organization of its kind in the world. Today, more than ever, we realize the importance of the principles which have built this organization, because we have, in our own growth, evidence that you — our customers — have placed your seal of approval on **WHOLESALE RADIO'S** policy of Quality Merchandise —*Lowest WHOLESALE Prices and SERVICE!*

# THE Lafayette

**4 TUBE AC-DC with DYNAMIC SPEAKER**



## The Little CAPTAIN

THE new Lafayette CAPTAIN is a little fellow who does a mighty big job. His efficient four tube circuit will capture many interesting hours of entertainment for you. Take him with you when travelling or keep him at home—he's the finest companion you ever had.

### WORKS ON A.C. OR D.C.

No matter whether you have A.C. or D.C., just so long as it's 110 volts he will perform to your entire satisfaction. His four tubes include; one 38, one 6C6, one 12Z3 and one 6D6 in a T.R.F. circuit that is both sensitive and selective. Wave length range 200 to 500 meters.

### BEAUTIFUL CABINET

And he's dressed up in a neat little cabinet that's polished to perfection. The large airplane dial is clearly calibrated and easy to read too. He's a mighty big value for the money.

MODEL J-10—Lafayette CAPTAIN 4 tube T.R.F. receiver complete with tubes. For operation on 110 V. D.C. or 110 V. 60 cycle

A.C. Dimensions: 9½" wide, 5¾" deep, 8" high. Shpg. wt. 10 lbs. Code, TRAVES. List Price, \$14.90.

YOUR COST,

With Tubes .....

**\$7.45**

## The Little MAJOR

THE Lafayette MAJOR is a five tube T.R.F. A.C.-D.C. set incorporating two of the new metal-jacketed tubes. These tubes add considerably to the performance of this excellent little receiver.

### EFFICIENT CIRCUIT

The highly efficient T.R.F. circuit employs five tubes including; 1-6J7, 1-6K7, 1-25Z5, 1-43 and 1-185R8 ballast tube. The tuning range is from 200 to 550 meters.

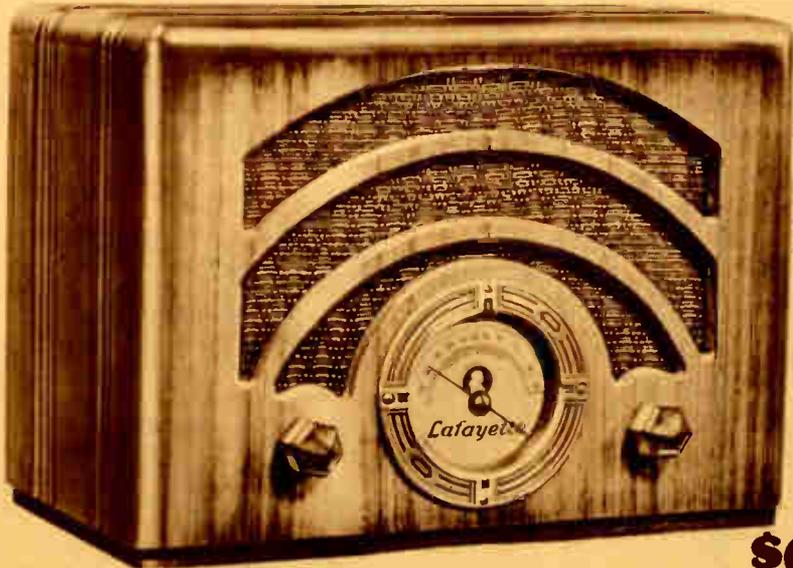
### DYNAMIC SPEAKER

Tone quality is excellent due to the electro-dynamic speaker employed. A large, accurately calibrated airplane dial makes station logging and tuning easy. The MAJOR is housed in an attractive cabinet beautifully polished.

MODEL J-14—Lafayette MAJOR 5 tube T.R.F. receiver complete with tubes. For 110 V. D.C. or 60 cycle A.C. operation. Dimensions: 9½" wide, 5¾" deep, 8" high. Shpg. wt. 11 lbs. Code, TOML. List Price, \$18.90.

YOUR COST .....

**5 TUBE AC-DC with METAL JACKET TUBES**

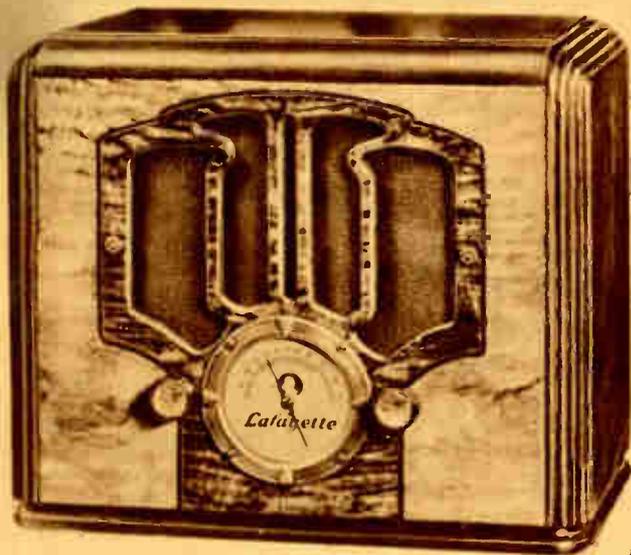


220 volt  
adapter  
\$1.00  
additional

**\$9.45**

# MIDGET PARADE

**6 TUBE SUPER HET** *with*  
**AC-DC METAL JACKET TUBES**



## The LITTLE COLONEL

**T**HE proudest little fellow in the parade is the Lafayette COLONEL. But he's no prouder than you will be when you own one like him! A thoroughbred six tube superheterodyne, he reaches out and brings in those stations as clear and crisp as many a big set ten times his size. His tuning range is from 200 to 550 meters.

### METAL JACKET TUBES

Two of the new metal-jacketed tubes are included in its tube complement, consisting of one 6A8 as combined mixer-oscillator, one 6K7 as I.F. amplifier, one 76 as second detector, one 43 as power output tube, one 25Z5 as rectifier and one 185-R as ballast tube.

### FULL TONED DYNAMIC SPEAKER

The tone quality of the COLONEL is exceptionally fine due to the true electro-dynamic speaker. The cabinet is made of highly polished hardwood beautifully designed.

The large, accurately calibrated airplane dial makes logging and tuning of stations simple.

MODEL J-16—Lafayette COLONEL 6 tube super-het complete with tubes. For 110 V. D.C. or 60 cycle A.C. operation. Dimensions: 11" wide, 8 1/4" deep, 8" high. Shpg. wt. 13 lbs. Code TOYIA. List Price, \$27.50.

220 volt  
adapter  
\$1.00  
additional

**YOUR COST ..... \$13.75**

## The Lafayette Little GENERAL

**H**E'S the biggest little fellow in the parade and he leads them all! No matter what you want—in the line of stations—he'll get them for you.

Short wave? Yes, sir! His short wave band from 18 to 50 meters will get them—both foreign and domestic—clearly and easily. And as for regular domestic broadcast stations, he'll capture them for you by the score on his 175-to-550 meter band.

### NEW ALL-METAL TUBES

The six-tube superheterodyne circuit includes two of the new all-metal tubes in its tube complement, which consists of one 6A7, one 6K7, one 6J7, one 43, one 25Z5 and one resistor or ballast tube. A three-gang condenser is used in this excellent receiver, employing one section to tune a pre-selector stage. The tuning dial is of the airplane type and a 6 1/2" electro-dynamic speaker provides exceptionally fine tone. Beautiful walnut cabinet.

MODEL A-24—Lafayette GENERAL 6 tube two band super-het complete with tubes. Range 18-50 and 175 to 550 meters. For 110 V. D.C. or 60 cycle A.C. Dimensions 14" wide, 8" deep, 12 1/4" high. Shpg. wt. 16 lbs. Code WILMA. List Price, \$35.90.

**YOUR COST ..... \$17.95**

EUROPEAN (190 to 2000 Meter) MODEL EUROPEAN Model A-25 Lafayette General, same as above but with 190 to 550 and 850 to 2000 meter range. No short wave range. Complete with tubes.

Code WAREN. List Price, \$37.90.

**YOUR COST .....**

**6 TUBE SUPER HET** *with*  
*Long and Short Wave* **METAL TUBES**

3 Gang Condenser  
6 1/2" Dynamic Speaker



**\$18.95**

220 volt  
adapter \$1.00  
additional

# NEW *Lafayette* AC Superhets *featuring* **POWER PERFORMANCE PRICE!**

*Latest Tubes* including  
**NEW ALL METAL** types  
*for BETTER ShortWave  
RECEPTION*

**3 BANDS**

16-50 Meters

66-187 Meters

200-560 Meters



Model C-26—Lafayette 5 tube Superhet for 110 volt, 60 cycle AC operation. Complete with tubes. Dimensions: 12" wide x 8 3/4" deep x 15" high. Shpg. wt. 21 lbs. Code Wolna. List price \$37.90.  
Your Cost ..... **\$18.95**  
Available for 220 v. at \$1.50 add.

Your  
**\$18<sup>95</sup>**  
cost

## 5 Tube Super Het.

LAFAYETTE engineers have made every endeavor, in designing this receiver, to give you the very most value for your money! They have utilized latest type tubes, including the metal types, in a superhet circuit that really is outstanding. The tube complement includes: 1-6A7 as oscillator-modulator; 1-6K7 as I.F. amplifier; 1-75 as diode detector and amplifier; 1-6F6 as power output amplifier and 1-80 rectifier.

### 6" DYNAMIC SPEAKER

The three distinct bands cover the following wavelengths: 200-560 meters, 66-187 meters, 16-50 meters, thus bringing you American broadcast, police and foreign stations. This receiver has a 6" dynamic speaker. The large dial is fully calibrated. Surely you must agree that here is true value that include those three prime prerequisites: **Power-Performance-Price!**

*Auburn*

## 5 Tube Super Het.

175 METERS TO 560 METERS

In its endeavor to bring you power and performance at a price, Wholesale Radio Service Company canvassed scores of markets. The result: a splendid, worthy receiver that will win your instant admiration—The AUBURN 5 tube AC Hi-Gain Superheterodyne. Not only is this receiver handsome in appearance, but the mantel cabinet houses a chassis which is notable for its performance.

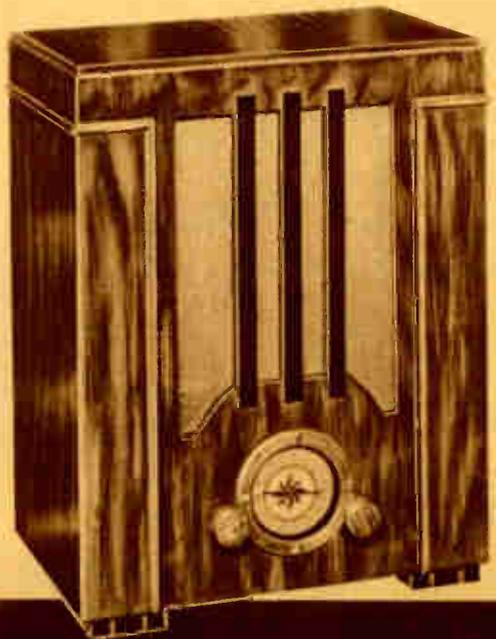
### IMPROVED SUPERHET CIRCUIT

In addition to the large airplane type dial, full range electro-dynamic speaker and its three watts output, the AUBURN is conspicuous for its new, improved superhet circuit, utilizing the latest tubes as follows: 1-6A7 as 1st detector; 1-6D6 as I.F. Stage; 1-6C6 as 2nd detector; 1-42 as output and 1-80 rectifier. For mellow tone and true-to-life reproduction, the Auburn represents an exceptional value.

Model J-20—AUBURN 5 tube Hi-Gain Superhet. Complete with tubes. For 110 volt, 60 cycle AC operation. Dimensions: 11 1/2" wide x 7" deep x 14 1/2" high. Shpg. wt. 15 lbs. Code Kevas. List price \$27.90.

Your cost ..... **\$13.95**

Pg. 6



# Lafayette 6 TUBE AC-DC 5 BAND Superhet Tunes in the World! 13-2000 Meters

**T**HIS new 1936 FIVE BAND AC-DC Superheterodyne by Lafayette will simply delight you. Not only is it eye-arresting in its beauty but in performance it wins and holds your admiration. Here is a truly GREAT little receiver which will afford you many pleasure-filled hours while adventuring by air to remote and romantic lands.

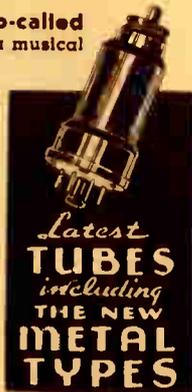
This is not a receiver to be confused with the so-called little midgets that sell at "bargain" prices. Here is a musical instrument of rare distinction. The programs that you hear come to you with lifelike realism. There is no dullness; high notes are sharp and brilliant; low notes are deep and sonorous... just as produced in the broadcasting studio. Such perfection, such rich mellowness of tone, is due not only to the carefully designed audio amplifier but also to the full electro-dynamic speaker.

The possibilities for thrilling world-wide reception are endless. Five distinct bands enable you to select a broadcast itinerary which will carry you to the ends of the earth. It includes within its tuning

range every short, standard and long wave entertainment broadcasting station in the world in addition to weather reports, airplane, amateur, ship-to-shore and other interesting stations. These five bands are as follows: 13-30 meters, 30-75 meters, 75-200 meters, 200-550 meters, 850-1000 meters!

Technically, the latest type dual purpose tubes including the new metal types have been incorporated in an entirely new superheterodyne circuit. The tube complement includes: 1-6A7 as oscillator, 2-6K7 as I.F. amplifiers, 1-75 as 2nd detector, 1-43 as output and 1-25Z5 as rectifier. Note these outstanding features: airplane dial with reduction drive ratio for easy short-wave tuning, continuously variable tone control, automatic volume control, phono-jack, 7 tuned circuits, 8" dynamic speaker.

Here, surely, is the very most that your money can buy; a modern receiver that will thrill you with delightful entertainment.



Latest  
**TUBES**  
including  
THE NEW  
**METAL**  
**TYPES**

AMERICAN  
BROADCAST

EUROPEAN  
BROADCAST

MEDIUM  
WAVE

SHORT  
WAVE

ALL AIRPLANE  
WAVES

## COMPLETE COVERAGE

13-30 METERS  
30-75 METERS  
75-200 METERS  
200-550 METERS  
850-2000 METERS

**Model A-18**—Lafayette 6 tube, 5 band Superheterodyne complete with tubes in mantel cabinet illustrated. For 110 volts AC or DC. Dimensions: 13" wide x 8" deep x 16½" high. Shpg. wt. 23 lbs. Code Werqa. List price \$59.90.  
**Your Cost..... \$29.95**  
For 220 or 250 volt operation add \$1.00

Your Cost

**\$29<sup>95</sup>**

complete  
WITH  
TUBES

Arresting Beauty, Superb Performance, Notable Technical Improvements make this a most unusual radio value.



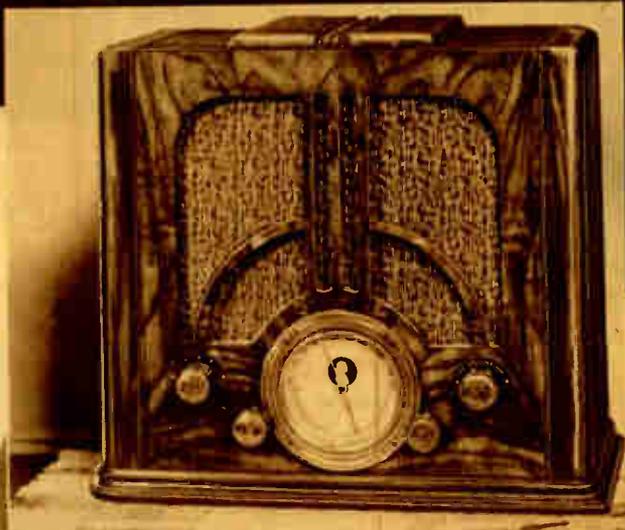
# PACEMAKERS *for the* RADIO FIELD



**TUBES AC -  
- DC**

Beauty of Appearance ...

Perfection of Performance ...



*Uses* **NEW VOLTAGE**

**REGULATOR TUBE**

Now ... whether you live in Europe or America ... you can really enjoy world-wide radio broadcasts! This Lafayette 7 tube AC-DC Superheterodyne is available in two distinct models: one for European use, the other for American use!

Seldom have human ears been privileged to hear such heights of realism as may be achieved with this superb Compact Superhet.



*Your Choice of*  
**AMERICAN or  
EUROPEAN MODEL**

**Perfected Lafayette  
EUROPEAN MODEL**

All the specifications given on this page apply to both the American and European models of this compact receiver with the exception of tuning ranges. In the European model these are as follows: 18½ to 52½ meters, which covers all the short-wave entertainment broadcasting stations; 193½ to 545 meters, which covers all American broadcasting stations; and 910 to 2140 meters, which covers the European broadcasting stations. Standard models are for use on 105-125 volts; special models available for 220 or 250 volts at \$1.00 additional.

**NOTABLE** among the outstanding features of this superheterodyne compact are automatic volume control; 6" electrodynamic speaker and **THREE** distinct tuning bands which are fully calibrated on the large, illuminated, slow-motion airplane dial.

The following latest dual purpose tubes, including the new metal types, are utilized in a super-efficient circuit: 1-6A7, 1-6K7, 1-6H6, 1-6F5, 1-43, 1-25Z5 and 1-3-40 voltage regulator tube, which maintains a constant, steady flow of power across your tubes regardless of line voltage fluctuations.

The American Model has three tuning ranges as follows: 18½ to 52½ meters; 75 to 190 meters and 187½ to 545 meters.

**Model C-79**—Lafayette American Model 7 tube Compact receiver, complete with tubes; for 105-125 Volts AC-DC. Dimensions: 12½" wide x 8" deep x 11½" high. Shpg. wt. 17 lbs.

Code Gatou. List price \$51.90. **Your Cost** ..... **\$25.95**

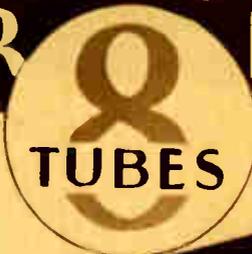
**Model C-80**—Lafayette European Model 7 tube Compact complete with tubes; for 10-125 volts AC-DC. Code Glema.

List price \$51.90. **Your Cost** ..... **\$25.95**

# LAFAYETTE'S

*new 1936*

**SUPER HET**



**AC TUBES**

*Employs  
New  
Metal  
Tubes*

**NINE TUNED CIRCUITS**

**AIRPLANE TYPE DIAL**

**THREE GANG CONDENSER**

**AUTOMATIC VOLUME CONTROL**

**TONE CONTROL**

**THREE BANDS**

**8" DYNAMIC SPEAKER**



**3 BANDS, 18-50, 75-200, 200-550 METERS**

The whole world of radio entertainment is at your command with this new Lafayette 8 tube Superhet! Its great sensitivity, its ease of control, extreme flexibility, and low background noise—all contribute to make this one of the most outstanding receivers in the entire Lafayette line.

In the twinkling of an eye you can switch from American broadcasts to Canadian, aircraft, amateur, police calls, foreign stations. The whole world is yours to command!

Lafayette engineers have designed an entirely new circuit utilizing the latest type tubes, including all-metal tubes as follows: 1-6C5 oscillator, 1-6K7 first detector, 2-6K7 as int. amplifiers, 1-6H6 as 2nd detector, 1-6F5 as audio amplifier, 1-6F6 output, 1-5Z4 as rectifier.

Seldom do you find so many major developments incorporated in a receiver. There has been no stinting, no compromise. Note these features: nine tuned circuits, three gang condensers, automatic volume control, tone control, airplane type reduction dial, 8" dynamic speaker.

Here, truly, is a marvelous opportunity to purchase a powerful world-wide, all-wave radio at a price that is a revelation.

**Model A-38—Lafayette 8 tube AC Superhet. Complete with tubes and speaker, housed in the handsome modern mantel cabinet illustrated above. For 110 volts, 60 cycles AC. Dimensions: 14" wide x 8" deep x 18" high. Shpg. wt. 28 lbs. Code Wales. List price \$75.00. Your Cost..... **\$37.50****

**Model A-39—Same as above, but for European use. Has 850-2000 meter band in place of 75-200 meter band. Code Watul. List price \$78.00. Your Cost..... **\$39.00****

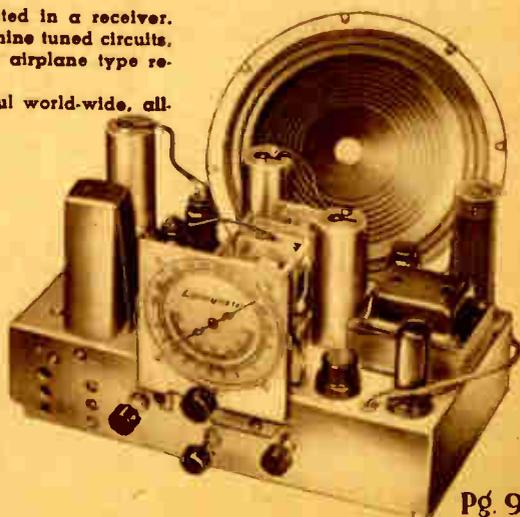
The Lafayette chassis described above may be purchased separately without cabinet if desired. Note the simplicity of construction, the metal tubes and 3 gang condenser.

**Model A-33—Lafayette 8 tube AC Superhet chassis, speaker and tubes. For 110 volts, 60 cycles AC. Dimensions: 13" long x 7 3/4" high x 7" deep. Shpg. wt. 20 lbs. Code Wampa. List price \$67.50. Your Cost..... **\$33.75****

**Model A-34—European chassis only. Code Wacon. List price \$70.50. Your Cost..... **\$35.25****

Any of the above models for 220 volts..... \$2.50 additional

See page 29 for consoles in which this chassis can be mounted.



# EVERY MAN IN THE RADIO

## HIMSELF TO READ

### THE STORY OF

## ROBERT L. STUART

THIS is the simple, unadorned tale of a radio serviceman who made a discovery.

Bob Stuart has been servicing and selling sets and accessories ever since radio first began to be talked about in the small middle-western city where he lives. He knows his stuff—you can't fool Bob much when it comes to radio. He knows merchandise and he knows prices.

Up until the time the depression blew the lid off the easy-money pot, Bob was riding along quite well. People didn't seem to mind paying a hundred or more dollars for something that sounded like a radio set. Service jobs were plentiful—and profitable.

And then—as the movie writers say, came the crash! The smiling, good-natured customers who seldom questioned the cost of a repair job or a replacement part kicked like a steer over the smallest charges. When a job was done, they expected it to last—and they couldn't afford to pay much for it. When they actually bought a radio set, they wanted a better set at a cheaper price. And when they wanted something, they wanted it in a hurry.

It was a buyer's market! Mr. and Mrs. Consumer counted their pennies and saved them. They demanded better merchandise, lower prices.

Bob just couldn't seem to fill that demand. In the good old days his customers didn't mind a slight delay. When Bob had to order a part, and it took a couple of extra days for the part to arrive, the customer never kicked very hard. Sometimes Bob wasn't very fussy about his supply sources—he didn't pay much attention to the people from whom he bought. If a repair job didn't last very long—or if a radio set performed poorly—a chat about the stock market soothed the ruffled customer's feelings without much trouble.

But times changed—and how they changed! If the supply house kept Bob waiting, and he in turn kept the customer waiting, he lost that customer. If a replacement part or accessory failed to give lasting service, the customer went elsewhere the next time.

Sets, tubes, parts—everything had to be good value or Bob would lose another buyer.

And so circumstances forced our prosperity-cradled radio man to an important discovery . . . the same discovery that all of us have made during the past few years . . . "TODAY YOU HAVE TO DELIVER THE GOODS IN ORDER TO GET BUSINESS!"

"DELIVER THE GOODS" sounds simple enough. It means, first and foremost, service and price. It stands for a job done well and promptly—reliable merchandise that is priced low, delivers good performance, and gives the serviceman a worthwhile profit.

Then and there friend Bob decided it was time for him to get started on a new task. He reasoned that one of the first things needed to set his house in order was a supply source where he could get what he wanted when he wanted it—at the right price.

And so naturally, Bob came to the house of "Every thing in Radio at Lowest Wholesale Prices." The fact that he selected Wholesale Radio Service Company is not the only point to this story—his discovery of the business fundamental that success in the radio field depends on delivering the goods is the reason why this true story is published in the interest of every radio serviceman and dealer.

The finish of this story is really its beginning—because it marks the building of a solid foundation for friend Bob. He found that his business methods brought him steady growth. It paid—and paid well in the long run—to give his customers service and value. His customers stuck to him—new customers came through recommendations—and his reputation grew to be a valued asset.

We take no credit for this success story. Our job was to deliver service and merchandise—and we have Bob's word for it that we accomplished—and are accomplishing—our job. But the credit must go to the man who faced his problem—and conquered it. Congratulations to you, Bob.

(The facts in this story are true in every detail—the name "Bob Stuart," for obvious reasons, is fictional.)

# FIELD OWES IT TO

*What*  
**WHOLESALE  
RADIO SERVICE  
CO.**

*Offers Every*  
**RADIO  
SERVICEMAN  
AND  
DEALER**

**W**E offer the sincere cooperation of the largest institution of its kind in the world. We offer you the knowledge and experience of 15 years of specialized radio experience. We offer advice and suggestions to help you with your engineering, servicing and radio business problems.

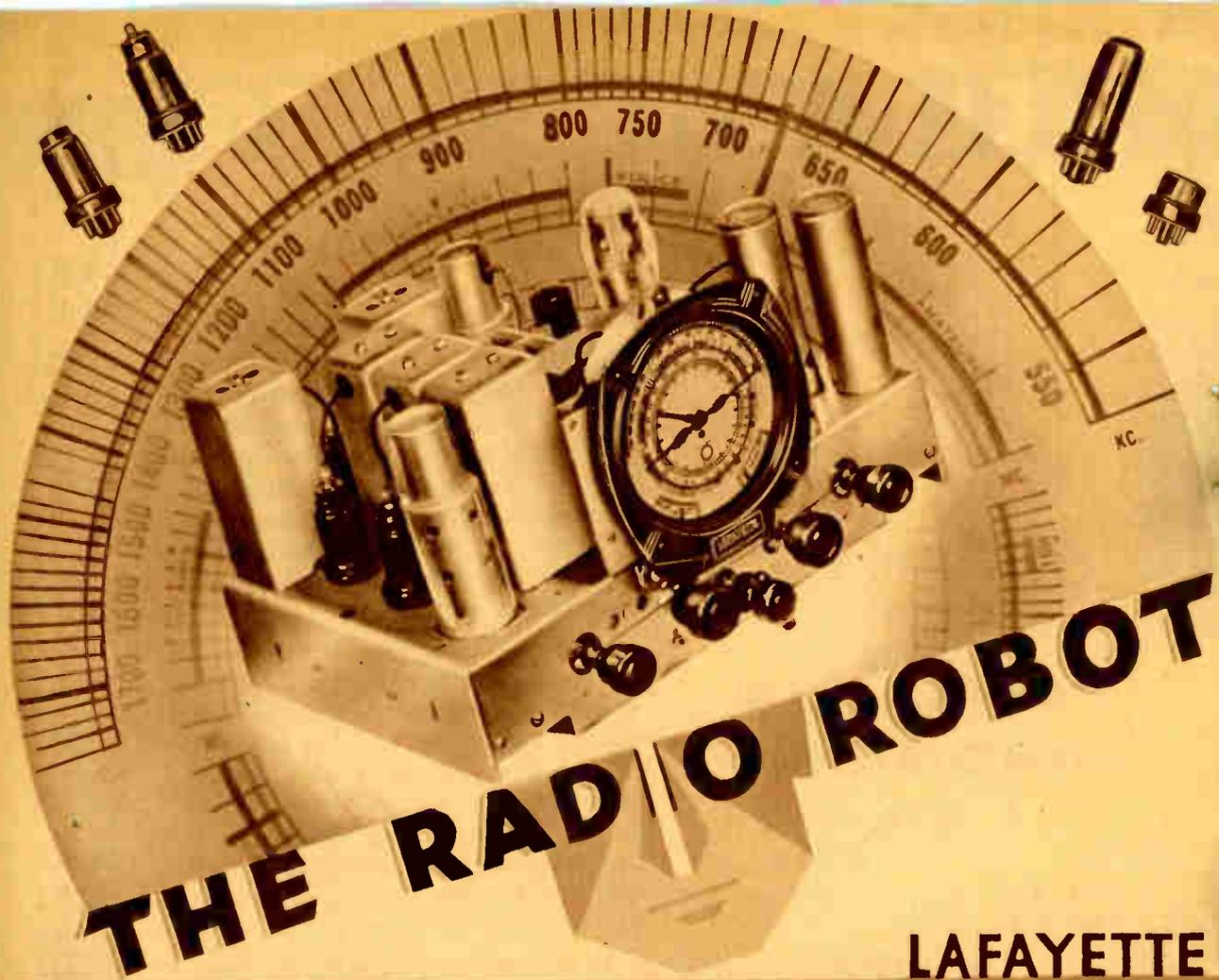
We promise you the fastest, most efficient service in the entire industry because we realize how vitally important service is to the radio man. From our offices in three strategic centers—New York, Chicago, and Atlanta—we can fill your orders promptly and efficiently from the huge stocks maintained at these points.

We promise you quality merchandise that carries the guarantee of Wholesale Radio Service Company squarely in back of it. Everything we sell is tested and checked by our own Bureau of Standards—backed by a simple, understandable guarantee—**SATISFACTION OR YOUR MONEY BACK.**

Furthermore, we promise you that our prices are *LOW*—not on individual items, but on everything we sell. We continue the policy on which this business was founded—**EVERYTHING IN RADIO AT LOWEST WHOLESALE PRICES!**

**EVERYTHING IN RADIO AT LOWEST WHOLESALE PRICES**

We Continue the Policy on Which This Business Was Founded



# THE RADIO ROBOT

LAFAYETTE

## HI-FIDELITY **7** TUBE *Super Het*

**H**ERE is a new 7-tube Hi-Fidelity All-Wave receiver that is truly a "Radio Robot." It practically thinks for itself!

Turn the dial to indicate the station you want—and it automatically excludes the stations you don't want. The doors are wide open to welcome into your home, through the loud speaker, the station whose program you wish to hear—but to all others its selectivity provides an impenetrable wall that effectively keeps them from interfering with the station being heard.

Its automatic sensitivity control—sometimes called automatic volume control—instantly adjusts the sensitivity of the receiver to compensate for the strength of the station being received. It increases the sensitivity if the station is weak, and decreases the sensitivity if the station is strong—but never does it permit the signal to blare out suddenly.

A twist of the "high-fidelity" control and the I.F. band width widens automatically so that all of the high frequencies, that add to the crispness and definition of musical reproduction, come through. But, when only a speaker's voice is to be listened to, the band width can again be decreased so that only those frequencies necessary for voice reproduction are received and consequently all extraneous sounds are omitted.

All of these actions are automatic—the "Radio Robot" never forgets—he's waiting for you from the moment you turn on the switch and he doesn't rest till you turn it off again.

**I**N step with the latest developments in the tube industry, four of the new metal tubes are included in this new custom-built receiver. The high efficiency of these tubes adds considerably to the excellent performance of this receiver.

### NEW 7 TUBE CIRCUIT

Seven tubes in all are used including: one 6B7, three 6K7, one 6F6, one 76 and one type 80. A stage of radio frequency amplification ahead of the first detector assures a high degree of sensitivity and selectivity. In addition, a sensitivity control, that works simultaneously with the volume control, eliminates interstation noise on average strength signals.

### CONTINUOUS ALL WAVE COVERAGE

Three extended wave bands are covered including first, the 5,750 to 18,300 kc. (52.2 to 16.4 meters) band for foreign and domestic daytime reception; second, the 1,715 to 5,800 kc. (175 to 51.8 meters) band for foreign, intermediate short wave and police broadcast; third, the 535 to 1,730 kc. (560 to 173 meters) band for general domestic broadcast reception.

### HIGH FIDELITY RECEPTION

The high-fidelity control, which varies the I.F. band width, together with an improved eight inch electro-dynamic speaker assures the finest possible tone quality at all times and at all volume levels. This new high-fidelity control assures purer tone by enabling the passage of the higher frequencies.

**CONTINUOUS ALL WAVE RECEPTION**  
*Broadcasting - Police - Foreign*

## Accurate Logging Micrometer Dial

A NEW micrometer-type dial makes tuning and logging of stations a simple matter. The "second-hand" pointer provides an effective band-spread on all wave bands. It enables you to read a fraction of a division on the "hour-hand," or main dial pointer, scale. This second-hand pointer has a ratio of 16 to 1 with relation to the regular dial pointer, and the regular dial pointer has a drive ratio of 30 to 1.

Both tone and volume controls have their own individual scale and pointer on the main dial. A unique three-color lighted band indicator shows a colored light to indicate which scale is in use on the dial—the color of the scale coinciding with the color of the light.

### FULL RANGE TONE CONTROL

A tone control allows full graduation of tone from low bass to brilliant highs. An undistorted output of 3 watts assures volume considerably in excess of room requirements. Fidelity is particularly good, being flat within six decibels from 100 to 5,500 cycles.

*Full Range  
Sensitivity*



# CUSTOM BUILT...

## Handsomely Designed Hardwood Cabinets

EXQUISITELY grained hardwoods were fashioned into handsomely designed cabinets by master craftsmen to house this excellent receiver.

Both mantel and console models are available. The mantel model, while compact in size, so that it can readily be moved from room to room, is still large enough to provide effective baffling for the high quality speaker so that all the full rounded tone of the reproduction is retained.

The large console model provides ample room so that a large eight inch speaker can be used and consequently all of the fidelity and clarity of tone possible with this excellent receiver is brought to full perfection.

### EUROPEAN RECEPTION GUARANTEED

Under reasonably favorable weather conditions this new 7 tube receiver is guaranteed to provide enjoyable European reception. You can prove this to yourself by taking advantage of our liberal 30 day free trial guarantee right in your own home!

MODEL B-21—Lafayette 7 tube All Wave chassis, complete with tubes and 8" speaker. Size of chassis, 13½" wide, 10½" deep and 10" high. For 105 to 120 V., 50 to 60 cycle A.C. operation. Shpg. wt. 30 lbs. Code BAREN. List Price, \$67.00.

YOUR COST ..... **\$33.50**

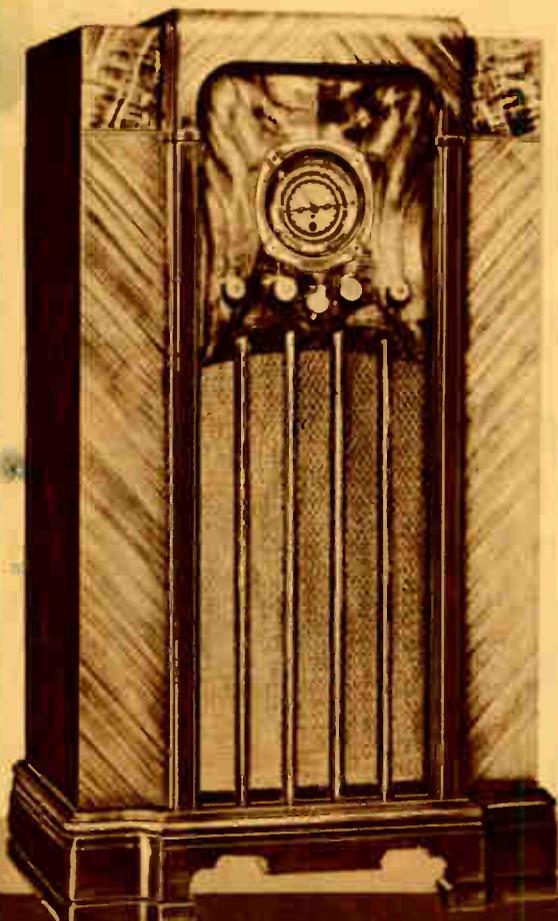
MODEL B-22—Lafayette 7 tube All Wave superheterodyne in mantel cabinet, as illustrated at top of page, complete with tubes and 8" speaker. For 105 to 120 V., 50 to 60 cycle A.C. operation. Dimensions: 16" wide, 10½" deep and 19" high. Shpg. wt. 41 lbs. Code BETRIC. **\$36.95**

List Price, \$73.90. YOUR COST.....

MODEL B-23—Lafayette 7 tube All Wave superheterodyne in console cabinet as illustrated, complete with tubes and 8" speaker. For 105 to 120 V., 50 to 60 cycle A.C. operation. Shpg. wt., 66 lbs. Code BASEK. Dimensions: 21" wide, 38½" high and 13¾" deep. **\$46.95**

List Price, \$93.90. YOUR COST.....

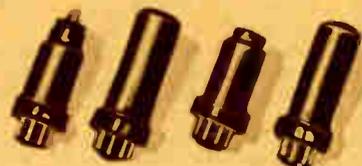
Any of the above models for 220 volts, 40 to 60 cycle..... \$2.00



**EUROPEAN RECEPTION  
Guaranteed**

# Lafayette

## Tube



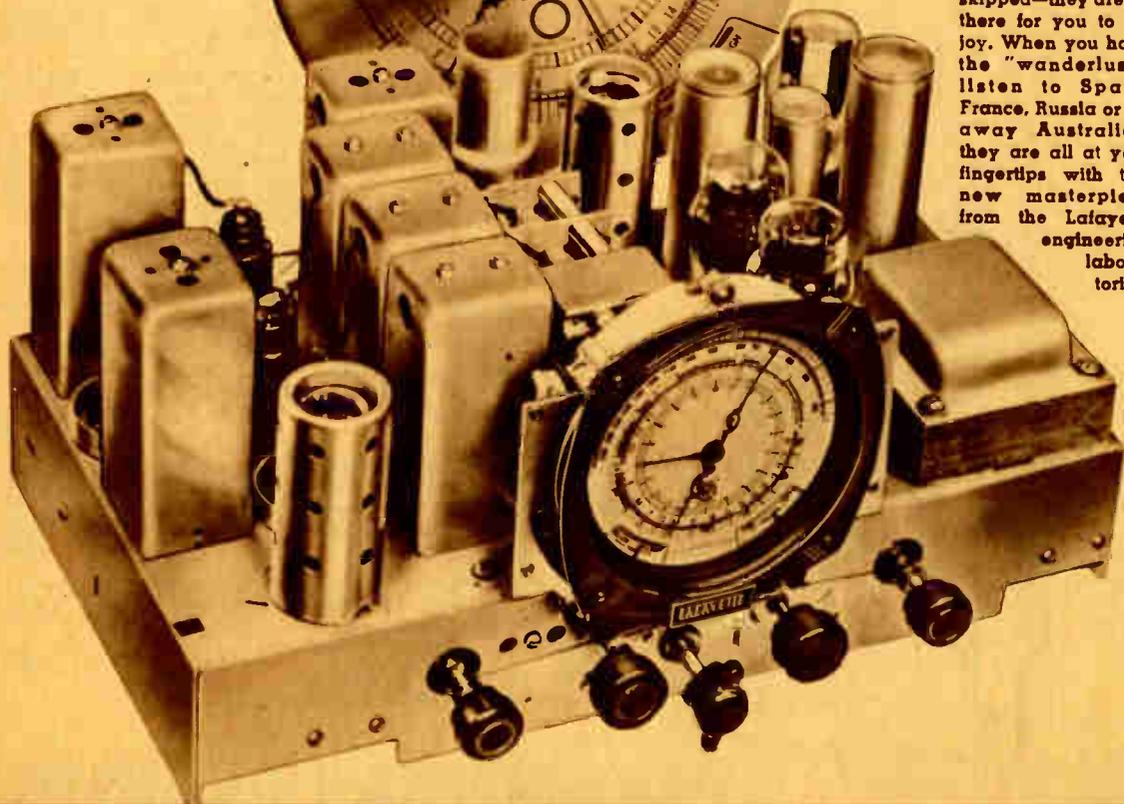
### New Metal Tubes

**T**RUE tone reproduction, excellent sensitivity and selectivity are the outstanding features of this extraordinary receiver. Incorporating an entirely new idea in high-fidelity I.F. band with control in conjunction with a new "curvilinear cone" 10" electro-dynamic speaker, this new Lafayette 10 tubes All Wave Superheterodyne provides an entirely new conception of radio reproduction. Flat, lifeless reception gives way to a new, full-bodied, startlingly clear and crisp reproduction that makes one forget a radio receiver is being heard and not the actual performer.

#### CONTINUOUS ALL-WAVE COVERAGE

It is a complete receiver—including within its tuning range all stations, both short wave and regular broadcast, between 16.4 and 580 meters. No stations are skipped—they are all there for you to enjoy. When you have the "wanderlust," listen to Spain, France, Russia or far away Australia—they are all at your fingertips with this new masterpiece from the Lafayette engineering laboratories.

## THE TRI-LITE RADIO DIAL



# HI-FIDELITY ALL WAVE

# CUSTOM BUILT *3 BAND Super Het*

## WITH METAL TUBES

**F**OUR of the new highly efficient metal tubes are incorporated in the Lafayette 10 tube All Wave Superheterodyne. Entirely different in construction and in performance, these new tubes play a considerable part in the excellent results obtained with this new receiver.

### 10 TUBE SUPERHETERODYNE CIRCUIT

A highly developed all wave superheterodyne circuit is employed in this receiver, using ten tubes, including: four 6K7's as radio frequency amplifier, first detector or mixer, first and second I.F. stages; three 76's as oscillator, second detector and A.V.C. stage, and first audio amplifier stage; two 45's in the class A output stage; and one 80 as rectifier.

Sensitivity of the receiver is rated at from .7 microvolt absolute (per 4 meters) on the standard band to 2 microvolts absolute on the short wave band. Selectivity is 25 kc. broad at 1000 times down, indicating non-interference between signals of a field strength ratio anything less than 1000 to 1 at 12½ kc.

The complete tuning range of the receiver from 18,300 kc. to 535 kc. is covered as follows: one range from 5,750 to 18,300 kc. (52.2 to 16.4 meters); the second from 1,715 to 5,800 kc. (175 to 51.8 meters); the third from 535 to 1,730 kc. (560 to 173 meters).

Each range has its own individually calibrated scale on the large illuminated dial in a distinctive color. A colored light, operating together with the range selector switch, indicates which scale is in use by flashing a light having the same color as the scale.

### I.F. "BAND-WIDTH" CONTROL

An outstanding feature of this new receiver is a high-fidelity switch that widens the band width acceptance of the I.F. stages and permits the passage of the high frequencies essential to high-fidelity reproduction. Controls include a sensitivity control working in conjunction with the volume control and a full range tone control.

Fidelity of the receiver is unusually good being flat within 6 db from 40 to 5,500 cycles—a remarkable achievement.

A large airplane dial incorporates a micrometer or "second-hand" pointer that provides an effective band-spread on any of the three tuning ranges. This second-hand pointer has a ratio of 16 to 1 in relation to the regular pointer. The drive ratio of the regular pointer is 30 to 1.

### AUTOMATIC VOLUME CONTROL

A diode type automatic volume control assures steady reception volume and prevents blasting when tuning from weak to strong signals. MODEL B-35—Lafayette All Wave 10 tube chassis only, complete with tubes and speaker. For 110 V. 60 cycle A.C. operation. Dimensions: 15½" wide, 10½" deep, 10" high. Shpg. wt. 38 lbs. Code BERME. List Price, \$89.90.

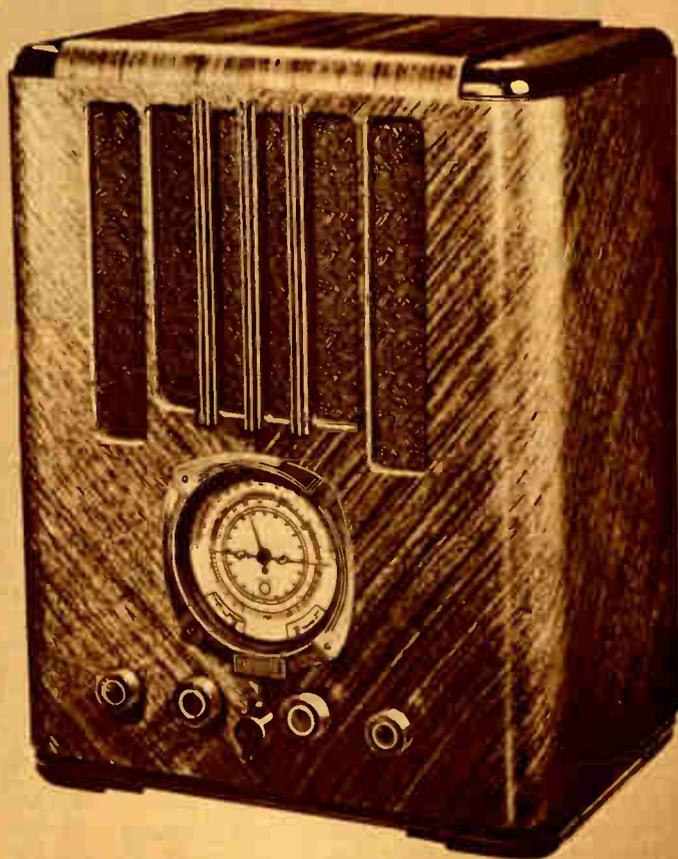
**YOUR COST** ..... **\$44.95**  
For 220 volt 40 to 60 cycle ..... \$3.00 additional

### BEAUTIFUL MANTEL MODEL

Illustrated below is the beautiful mantel model of the Lafayette All Wave 10 tube super-het. Designed and built by master craftsmen.

MODEL B-36—Lafayette All Wave 10 tube super-het in mantel cabinet complete with tubes. For 110 V. 60 cycle operation. Dimension: 17¾" wide, 11½" deep, 22¾" high. Shpg. wt. 49 lbs. Code BOLER. List Price, \$103.90.

**YOUR COST** ..... **\$51.95**  
Also available for 220 volt 40 to 60 cycle A.C. operation at ..... \$3.00 additional



**BROADCAST**

560 TO 173 METERS

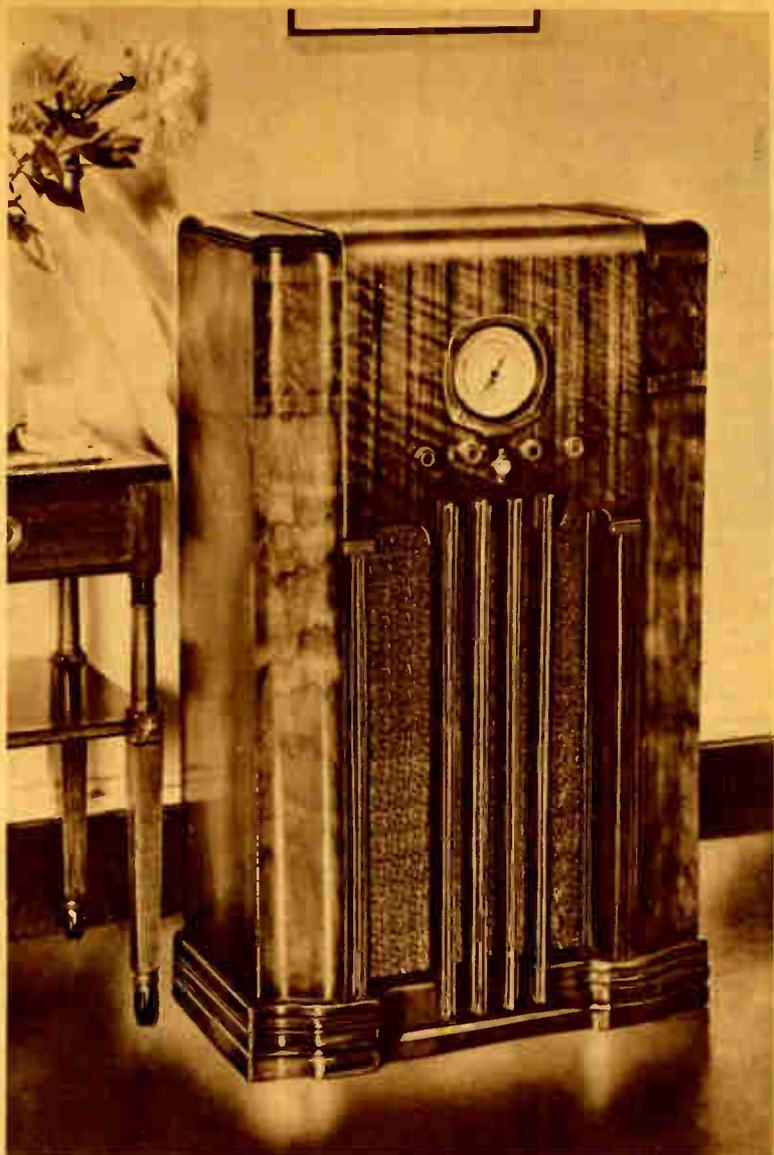
**POLICE**

175 TO 51.8 METERS

**FOREIGN**

52.2 TO 16.4 METERS

# SUPERHETERODYNE



# Lafayette 10 Tube

High Fidelity  
All Wave  
RECEIVER

**N**OT just one—but a multiplicity of good features make this the most outstanding ten-tube receiver on the market today! Compare this receiver with any other on the market—nowhere will you find so many worthwhile features in a single receiver. And each one is perfected to the nth degree—none is experimental—but all have been time tried and proven after hours, weeks and months of continuous operation in the Lafayette laboratories and in the field. Mere words cannot describe the excellent performance of this new Lafayette High-Fidelity 10-tube All Wave Superheterodyne—so we urge you to take advantage of the Lafayette 30 day free trial to prove to yourself—in your own home—how good a receiver it really is.

#### A FEW OF THE MORE IMPORTANT FEATURES

Ten tube superheterodyne circuit including four of the new metal tubes in its tube complement, which consists of: four 6K7's, three 76's, two 45's and one 80.

Continuous short wave reception in three bands. 5,750 to 18,300 kc. (52.2 to 16.4 meters), 1,715 to 5,800 kc. (175 to 51.8 meters), 535 to 1,730 kc. (560 to 173 meters).

Extraordinary sensitivity rated at from .7 microvolt absolute on the standard band to .2 microvolt on the short wave band.

Unusual selectivity—rated at 25 kc. broad at 1000 times down—indicating non-interference between signals of a field strength ratio of anything less than 1000 to 1 at 12½ kc.

Excellent fidelity—being flat within six decibels from 40 to 5,500 cycles.

Variable band-width I.F.'s permitting the spreading of the intermediate frequency selectivity so as to pass more of the higher frequencies so essential for musical reproduction.

Automatic volume control assures steady reception volume and eliminates blasting when tuning from weak to strong signals.

Micrometer airplane dial enables accurate logging and tuning of stations by means of a micrometer or second-hand pointer.

MODEL B-37—Lafayette High Fidelity 10 tube All Wave superheterodyne mounted in beautiful hardwood console as illustrated. Complete with tubes. Dimensions: 24" wide, 12" deep, 39" high. Shpg. wt. 79 lbs. Code BENGA  
List Price. \$113.90.

YOUR COST ..... **\$56.95**  
For 220 volt operation.....\$3.00 additional

All Wave MICROMETER TUNING ★

HERE IS ANOTHER OUTSTANDING  
VALUE BY *Lafayette*

**6 TUBE  
AC**

**3 BAND**

**SUPERHET**



**3 BANDS—6.0 TO 16.0 MC.—1.6 TO 4.5 MC.—535 TO 1500 KC.**

A 6 TUBE three band all wave receiver incorporating such valuable quality features as a three gang tuning condenser—a six inch electro-dynamic speaker—metal tubes, etc., makes this one of the most outstanding values in radio today! It is not a "midget" set but a full size AC operated superheterodyne with excellent sensitivity and selectivity—and surprisingly fine tone quality. It will provide many pleasant hours of entertainment for you either from local domestic broadcasting stations or from intriguing foreign short wave stations.

The highly perfected superheterodyne circuit employs one 6K7 as modulator, one 76 as oscillator, one 6K7 metal tube as I.F. amplifier, one 75 as diode detector and audio amplifier, one 6B5 as power output tube and one 80 as rectifier. Tuning range is covered in three bands; 6.0 to 16.0 MC. (18.7 to 50 meters), 1.6 to 4.5 MC. (66.6 to 187.4 meters), 535 to 1500 KC. (200 to 560 meters). Full automatic volume control assures steady volume when tuning from weak to strong signals and eliminates blasting and consequent overloading of the power output stage. Manual tone control permits accurate adjustment of high frequency response. The new 6B5 output tube provides an undistorted output of over 3 watts!



**BEAUTIFUL MANTEL AND CONSOLE MODELS**

THIS NEW LAFAYETTE model is available in either of two handsome cabinet models. The mantel cabinet is especially beautiful and is a distinct departure from the usual in design. It is of the modified modern type—simple yet not severe and its beautiful flowing lines lend themselves admirably to a design that will blend unobtrusively with the finest room furnishings.

The console does full justice to the excellence of this new receiver. Fashioned of beautifully grained hardwoods matched into attractive patterns it adds a distinctive note of its own to the decorative scheme of any room. The design is such that the baffling provided for the speaker is particularly effective and does much toward enhancing the tone of the reproduction.

**Model C-13 Lafayette 6 tube 3 band superheterodyne in Mantel cabinet complete with tubes. For 110 volt 60 cycle AC operation. Dimensions: 12 3/4" wide, 9 1/2" deep, 16" high. Shpg. wt. 22 lbs. Code Wegan. List price \$48.00.**

**Your Cost.....\$23.95**

**Model C-15 Lafayette 6 tube 3 band superheterodyne in Console cabinet complete with tubes. For 110 volt 60 cycle AC operation. Dimensions: 20" wide, 11 3/4" deep, 37" high. Shpg. wt. 45 lbs. Code Wacan. List price \$60.00.**

**Your Cost.....\$29.95**

Both above models available for 220 Volt at.....\$2.00 additional

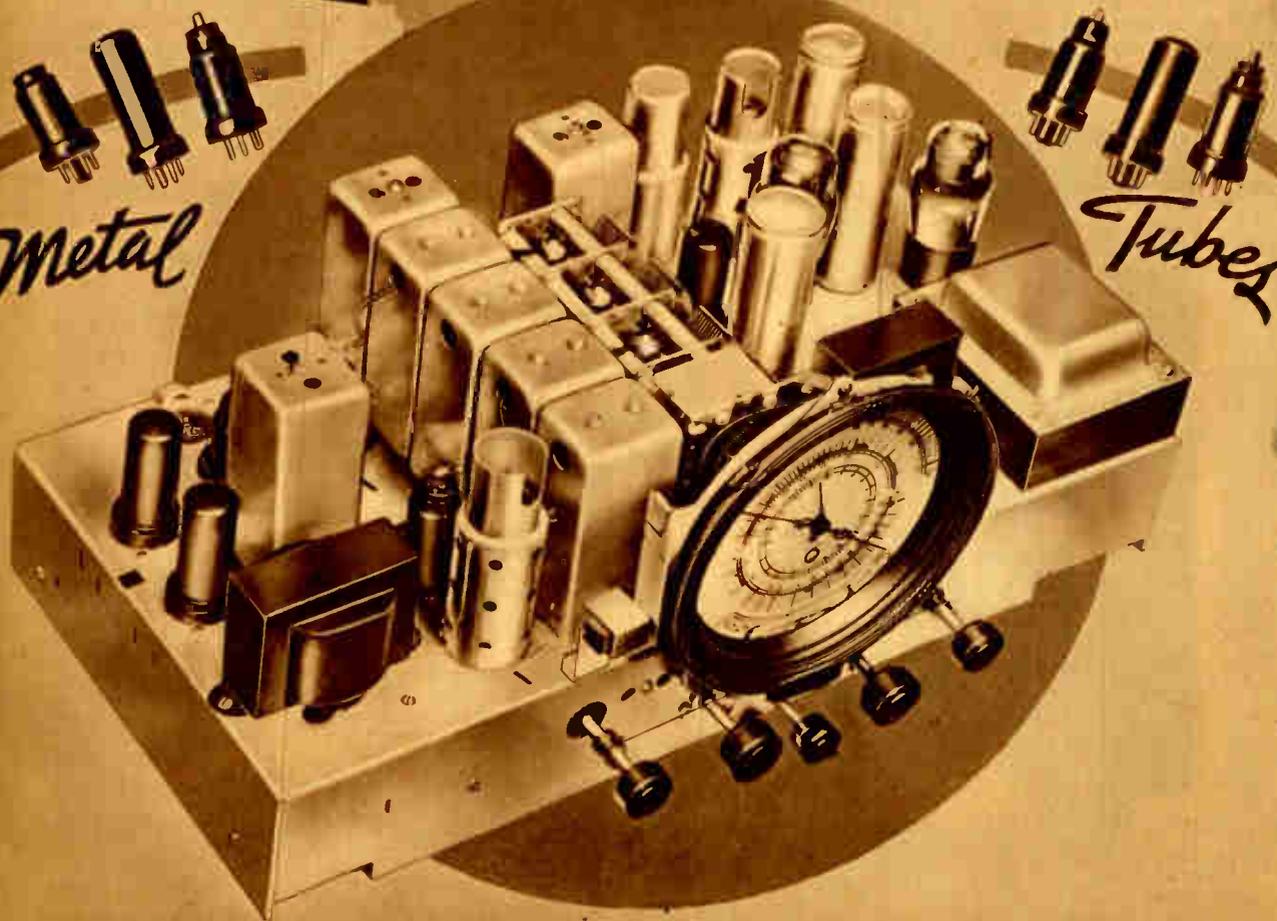
CONSOLE ONLY, UNDRILLED. Your Cost.....\$9.75



The WORLD'S Greatest  
RADIO CENTER



**HI-FIDELITY**



*Metal*

*Tubes*

# 12 TUBES

# Custom Built!

*Undistorted*

## TWIN VOICE REPRODUCTION

**P**OWER to thrill you—and tone that makes you forget that you are listening to a radio receiver and not the performer in person! Never before have you heard a receiver like this new Lafayette 12 tube "twin-voice" superheterodyne. Tune in on a symphony orchestra—note the "third dimensional" effect that twin speakers provide—the absolute clarity of tone due to the high-fidelity circuit—and then, when the final "crescendo" arrives, thrill to the undistorted volume that only a receiver with real power can deliver!

### TWIN VOICE REPRODUCTION

Have you ever looked through a stereoscope at two pictures at the same time and noticed the "third dimensional" effect? The two 12" high-fidelity speakers in this new receiver do exactly the same thing for your ears. Gone is that flatness of tone—a new realistic effect is produced that makes each instrument stand out clearly and distinctly.

### POWERFUL TWELVE TUBE CIRCUIT

A new high-fidelity twelve tube circuit, incorporating seven of the new metal tubes, assures the utmost in sensitivity and selectivity. The tube complement includes: 4-6K7 metal tubes as R.F. amplifier, converter, 1st and 2nd I.F. amplifiers; 3-6F6 metal tubes as audio power output and driver, 3-75 glass tubes as oscillator, diode detector and audio amplifier, 2-80 glass tubes as rectifiers.

For actual sensitivity and selectivity ratings see page 20 describing the beautiful console model.

### CONTINUOUS SHORT WAVE RECEPTION

Three extended wave bands are covered as follows; 5,750 to 18,300 kc. (52.2 to 16.4 meters); 1,715 to 5,800 kc. (175 to 51.8 meters); and 535 to 1,730 kc. (560 to 173 meters). All short wave stations, both foreign and domestic broadcast, police, amateur, aircraft, as well as the general domestic broadcast stations operating between 16.5 and 560 meters can be heard.

You don't buy a car with a powerful motor capable of driving the car at high speed, because you intend to run the car at such high speeds all the time. But you know that the extra power is of great advantage in climbing a hill or in spurting out of a tight spot. Similarly in a radio receiver, when a particular musical passage requires a considerable amount of power, the receiver must be capable of supplying this power immediately or distortion will occur. An undistorted power output of fifteen watts assures ample reserve power for all peak demands in the new Lafayette "twin-voice" 12 tube Super-het. It enables a precision of tone reproduction at either "whisper" or "concert hall" volume. An automatic volume control prevents blasting and overloading.

### HIGH FIDELITY RECEPTION

A new "high-fidelity" control, which widens the band acceptance of the I.F. amplifier and permits the passage of the higher frequencies, provides a fidelity of reception that is truly amazing. You actually forget that you are listening to a radio receiver and feel that the performer is there with you in person. A full range tone control permits you to adjust the high frequency response to suit the particular acoustic conditions of your room.

### MICROMETER AIRPLANE DIAL

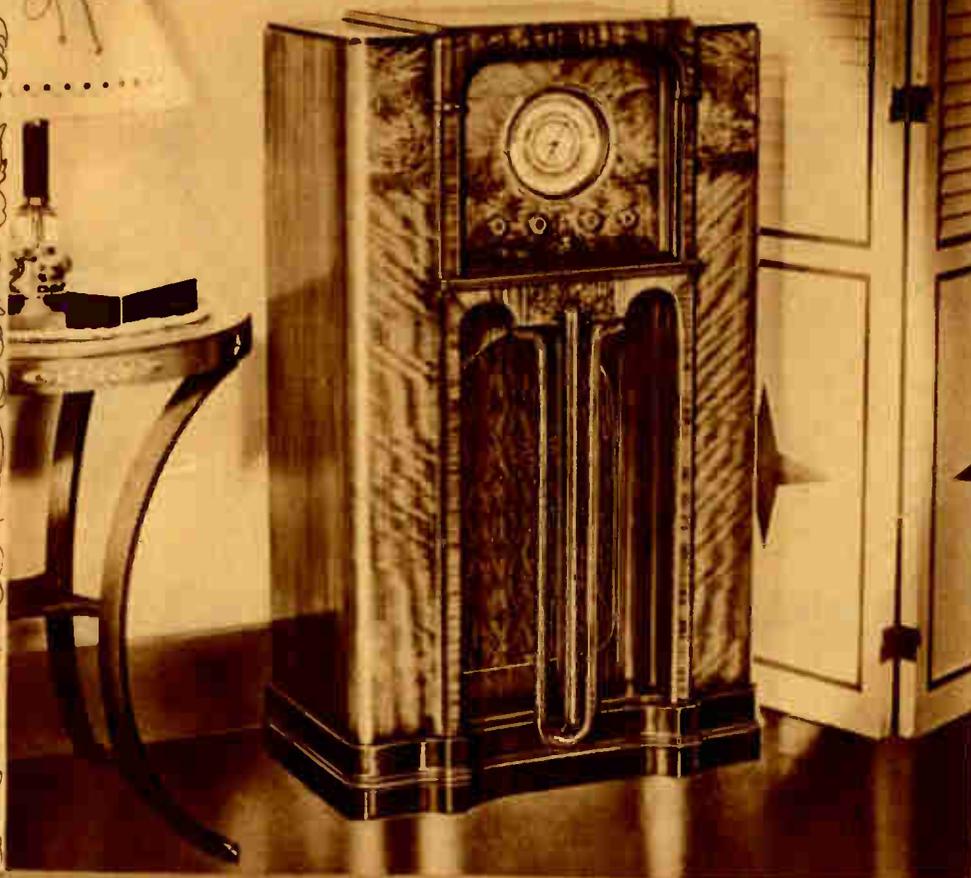
A new airplane dial enables the accurate logging of short wave stations through the use of an accessory (micrometer) pointer having a ratio of 16 to 1 with relation to the regular station indicator. Drive ratio of station indicator is 30 to 1. Overall diameter of the escutcheon is 7".

MODEL B-30—Lafayette "Twin Voice" 12 tube super-het chassis only complete with tubes and two high-fidelity 12" concert type speakers. For operation on 50-60 cycle 100 V. A.C. Dimensions; 20 1/4" wide, 12" deep and 10" high. Shpg. wt. 59 lbs. Code BOSIL. List Price, \$125.00.

YOUR COST ..... **\$62.50**

Available for 220 Volts 40 to 60 cycles at \$3.00 additional

*As Modern as Tomorrow  
Built for You Today*



## *Lafayette 12 Tube ALL WAVE*

**T**RUE modernism does not lie in extreme design—but in the perfection of proven ideas. Just because a receiver possesses some one new feature does not stamp it as being the ideal of tomorrow. That feature may be discarded before tomorrow ever comes. But one thing is certain—tomorrow's receiver will incorporate every idea and every feature that has proven its worth, but each one brought to a higher state of perfection. A truly modern receiver, therefore, is the product of the most careful adherence to the perfection of each individual component and its inherent quality.

### TOMORROW'S RECEIVER TODAY

The new Lafayette High-Fidelity 12 tube All-Wave receiver is, in this sense, tomorrow's receiver. Listening to its faithful reproduction, you will find that radio reception now has a new meaning for you. Gone are all your previous conceptions of radio—for here is a new receiver that reawakens your interest in radio entertainment. You breathlessly tune from program to program and gradually realize that radio has changed—but that it takes a new modern receiver, such as this, to bring it to you at its best.

### HIGH-FIDELITY REPRODUCTION

Many receivers have been called "high-fidelity," but not till you hear this new receiver and its perfected high-fidelity circuit with "band width control," do you realize to the fullest the meaning of true tone reproduction.

### BALANCED DESIGN

This circuit of itself, however, is not enough to realize tonal perfection—but complete balance must be attained by "following through" with "twin voice" high-fidelity speakers and high-fidelity cabinet construction. High fidelity cabinet construction means the careful utilization of cabinet design so that a maximum of speaker baffling and a minimum of cabinet resonance are obtained. Yet the finished design must be such as to harmonize with the finest furnishings.

For those technically inclined we offer the following figures. Sensitivity from .5 microvolts absolute (per 4 meters) on the broadcast band to 2 microvolts absolute on the short wave band. Selectivity 20 kc. broad at 1000 times down—indicating non-interference between signals of a field strength ratio of anything less than 1000 to 1 at 10 kc. separation. Fidelity flat within 6 db from 25 to 7000 cycles. For a more complete description of the receiver chassis refer to page 18.

MODEL B-32—Lafayette High Fidelity 12 tube All Wave superheterodyne in console cabinet as illustrated, with tubes. For 110 V. 60 cycles A.C. Dimensions: 25½" wide, 14½" deep, 42½" high. Shpg. wt. 140 lbs. Code BATON.

List Price, \$165.00.

**YOUR COST** ..... **\$82.50**

For 220 volt operation ..... \$3.00 additional

# Lafayette ALL WAVE SUPER HET

## PHONOGRAPH Combinations

### LAFAYETTE 12 TUBE AUTOMATIC

WHEN you are in the mood to listen to your favorite symphony and search as you will you can't find it on the air—it is then that you'll appreciate this new Lafayette 12 tube Automatic Combination. Just take any ten recordings (10" or 12") place them on the rack—turn on the switch and settle back for over an hour's entertainment without ever going near the instrument. It will play them for you one after the other playing the last one over and over again until you turn it off. You can reject any record at any time merely by pressing a button. For a complete description of the receiver refer to page 19.

Model B-28 Lafayette 12 tube Automatic Combination incorporating the Capehart record changer. Complete with tubes. For 110 V. 60 cycle AC. Dimensions: 27½" wide, 19" deep, 42" high. Shpg. wt. 230 lbs. Code Bivet. **\$149.75**  
List price \$299.50. Your Cost.....

Model B-29 Lafayette 12 tube Combination as above but with dual speed motor and Lafayette de luxe pick up. For 110 V. 60 cycle AC. Code Baura. Shpg. wt. 210 lbs.

List price \$219. Your Cost..... **\$109.50**  
For 220 V. 40 to 60 cycle add..... \$8.00



### LAFAYETTE 10 TUBE COMBINATION

THE EXCELLENT high-fidelity response of the audio system in the 10 tube Lafayette superheterodyne, employed for the reproduction of recorded entertainment in this new combination, brings new life to your favorite records. The ample reserve power assures undistorted reproduction at all volume levels and at all frequencies from lowest bass to highest treble.

The twelve inch turntable is driven by a two speed motor for playing either standard 78 r.p.m. or slow speed 33 1/3 r.p.m. records. The pickup is a new high fidelity model especially designed for this instrument. For a complete description of the receiver refer to page 14.

The cabinet, which is illustrated at the right, is particularly handsome and is fashioned of rare hardwoods beautifully grained and matched into attractive patterns. It is modern yet not extremely so and will blend artistically into the finest decorative scheme.

Model B-42 Lafayette 10 tube Combination as described complete with tubes. For 110 V. 60 cycle AC. Dimensions: 21" wide, 16" deep, 40" high. Shpg. wt. 160 lbs. Code

Babem. List price \$173.00. Your Cost..... **\$86.50**  
For 220 Volt operation \$5.50 additional.

### LAFAYETTE 7 TUBE COMBINATION

Identically the same as the above but incorporating the Lafayette 7 tube superheterodyne described on page 12.

Model B-48 Lafayette 7 tube Combination complete with tubes. For 110 V. 60 cycle AC. Dimensions as above. Shpg. wt. 150 lbs. Code Beute. List price \$148.00. **\$74.50**  
Your Cost.....

For 220 volts \$3.00 additional



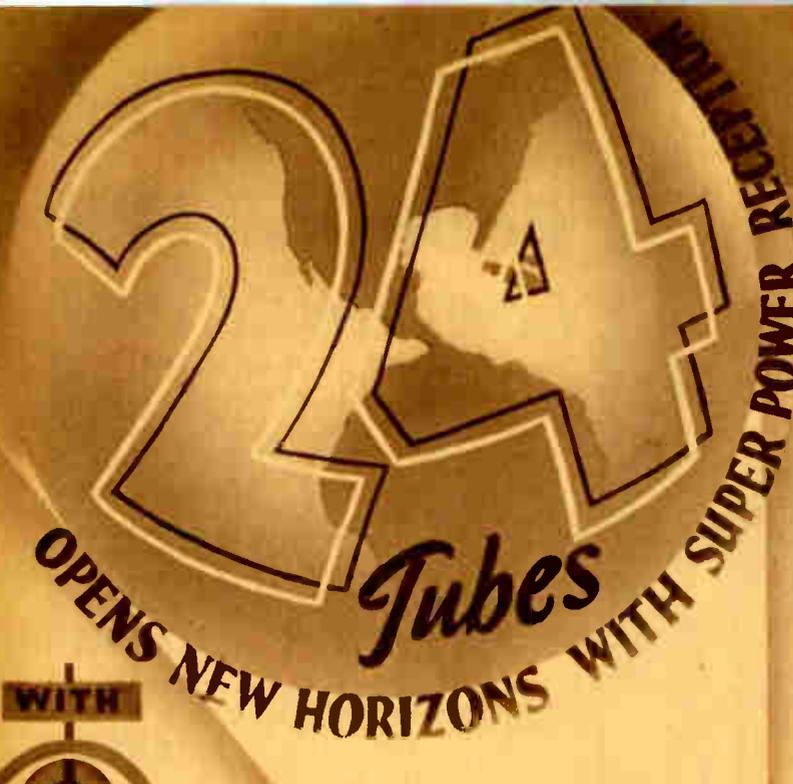
# The New

DESIGNED to create a new standard in radio reception the new Lafayette "24" Tube Super-heterodyne with "cathode-ray tuning" is the most sensational receiver ever to be offered to the consumer. For the first time it is possible for you to enjoy in your own home, "laboratory reception"—the kind of reception only engineers have been able to enjoy, in their own laboratories, with individual laboratory-built and adjusted receivers.

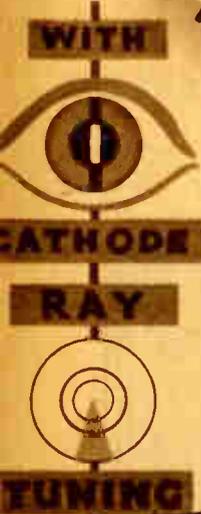
Super-Power makes possible enjoyable reception in the many "tough spot" reception areas throughout the world. It also furnishes the most startlingly realistic tone quality ever reproduced by a radio receiver. Reserve power for peaks up to 50 watts assures crystal clear undistorted reproduction at any volume from a bare whisper to "auditorium volume".

A total of 37 outstanding features — each one of them indicative of the fine quality that characterizes this exceptional receiver — makes the Lafayette "24" without a doubt the "world's finest receiver!"

Nothing has been spared — if a greater number of tubes would have improved it, they would have been added — only the finest speaker design was good enough — only the latest, most improved metal tubes would do for the RF system — only "step-wise" IF band-width control could even be considered for the intermediate frequency amplifier! But check it yourself — feature for feature — and compare it with anything on the market today — and you, too, will say "Boy! It has everything!"



OPENS NEW HORIZONS WITH SUPER POWER



CONSTRUCTION

BATTLESHIP

5 BANDS  
8 to 2,050 METERS  
40 KC. to 30 MC.

LABORATORY RECEPTION IN YOUR OWN HOME . . . . .

# Lafayette 24 Tube SUPER HET

## 37 SENSATIONAL FEATURES!

- (1) Total of 24 tubes including: 5—6K7's, 1—6A8, 2—6H6's, 4—6C5's, 6—45's, 1—76, 2—5Z3's, and 1—6ES.
- (2) Step-wise expanding selector makes possible high-fidelity response (60 to 8000 cycles) with good adjacent channel selectivity or hairline selectivity by varying the intermediate frequency band width acceptance.
- (3) Cathode-Ray tuning indicator operates effectively on weak as well as strong signals and permits accurate visual tuning on all bands.
- (4) Dual High-Fidelity Speaker System consisting of a 12" Auditorium speaker plus a new type 10" high frequency speaker to span the entire audible range exactly as broadcast by the new high-fidelity stations.
- (5) Power output stage Class AB triodes to deliver reserve power up to 50 watts.
- (6) Dual power rectifiers.
- (7) 84 mfd. capacity in filter system.
- (8) Separate fixed bias rectifier for maximum peak power output without distortion.
- (9) Metal tubes used throughout the receiver chassis.
- (10) Dual oversize power transformers for long life and high safety factor.
- (11) Five taps on each power transformer for 115, 135, 150, 230 and 250 volts.
- (12) Special high voltage electrolytic condensers.
- (13) High inductance oversize filter chokes to insure hum-free operation at bass note frequencies.
- (14) Low "mu" triode operation throughout to insure harmonic-free reproduction.
- (15) Dual chassis construction permits installation in any type console and also permits proper electrical design so that best results may be obtained without crowding of component parts.
- (16) Chassis fully plated and outer surface protected by durable "telephone black" lacquer.
- (17) Shields buffed and lacquered in contrasting cadmium.
- (18) Triple-sealed for protection against moisture, heat and cold.
- (19) Radio frequency unit completely shielded from man-made static and interfering local broadcasters.
- (20) All coils doubly impregnated and waxed to prevent entrance of moisture and corrosion of coils in tropical countries.
- (21) Easy reading sector dial in which only the band in use is illuminated in distinctive coloring.
- (22) Two-speed planetary drive with split knob control for accurate tuning on the short waves.
- (23) Automatic tone control (ATC) reduces noise between stations to a negligible minimum and clarifies reception on weak stations. Automatically disconnected when receiver is turned to high-fidelity position.
- (24) Manual continuously variable tone control supplements the automatic control to permit full range of tonal effects at will.
- (25) Beat oscillator permits easy detection of weak foreign stations which might otherwise be passed by unnoticed; makes audible continuous wave code signals.
- (26) Phonograph jack for reproduction of recordings.
- (27) Triple rubber mounting to eliminate completely all micro-phonics and acoustic howls.
- (28) Nineteen tuned circuits.
- (29) New bar type low minimum condenser.
- (30) Triple amplified automatic volume control system.
- (31) Signal channel separate from AVC system.
- (32) Dual IF amplifier stage using three large IF transformers with sectional type litz inductors for maximum efficiency and selectivity.
- (33) Linear diode detection gives crystal clear reception at any volume.
- (34) Separate diode rectifier to provide AVC voltage.
- (35) Ultra-sensitivity on all bands to insure best reception under all conditions.
- (36) Radio frequency pre-amplifier stage on all bands eliminates repeat points, whistles and tweets and provides maximum signal to noise ratio.
- (37) Five distinct bands covering a range of 140 kc. to 30 megacycles (8 to 2,050 meters) as follows: 8-16, 16-57.5, 57-187, 187-555 and 850-2,050 meters.

**DUAL  
HIGH FIDELITY  
SPEAKER  
SYSTEM**

**RESERVE POWER UP TO 50 WATTS**

**Model C-95—Lafayette "24" tube Super-heterodyne consisting of receiver chassis, amplifier-power supply chassis, low frequency and high frequency speakers. Complete with tubes. For 110, 115, 135, 150, 230, 250 volts, 50 to 60 cycles AC. Dimensions: receiver chassis, 19 1/4" wide x 12 1/4" deep x 10 1/4" high; amplifier-power supply chassis, 22 1/4" wide x 11 1/4" deep x 14" high; high frequency speaker, 9 1/2" wide x 6" deep x 9 1/2" high. Total shpg. wt. 95 lbs. Code Golie. List price \$230.00. Your Cost **\*115.00****



# Lafayette Presents THE FINEST CONSOLE CABINET MODEL

# 24 TUBES

ONLY the world's finest console is worthy of the world's finest radio. Therefore Lafayette obtained the services of the finest cabinet designer available to design a cabinet that would do full justice to the Lafayette "24" High-Fidelity All Wave Superheterodyne. This console not only had to be beautiful in appearance, but what is far more important it must be so constructed that every advantage is taken to conserve and enhance the faithfulness of reproduction possible with this excellent receiver.

The result is a cabinet that embraces the foremost acoustical principles — yet is entrancingly beautiful in appearance. To see it is to immediately desire to possess it for your very own. Its graceful flowing lines and its handsomely grained hardwoods give it an air of distinction that will add a note all its own yet blend unobtrusively into the finest decorative scheme. Neither the photograph nor mere words can do justice to this example of the cabinet maker's art — it must be seen to be appreciated.

All of the beauty of tone possible with the Lafayette "24" is brought to full perfection by the careful design of the speaker baffling area. Barrel-like tones, cabinet resonance and other objectionable features of improperly designed cabinets are conspicuous by their absence. Only the purest, most lifelike reproduction is possible with this Lafayette "24" Console Receiver. It is a receiver that you will be proud to call your own and one that will give you many, many hours of purest radio enjoyment. And it is a receiver that Lafayette offers with pride for your approval — and with full confidence. Try it on our 30 day free trial offer.

Model C-96—Lafayette "24" High-Fidelity All Wave Console Receiver complete with tubes. Dimensions: 25½" wide x 14½" deep x 42½" high. For 110-250 volts, 50 to 60 cycle AC operation. Shpg. wt. 215 lbs. Code Gaska. List price \$279.00.

Your  
Cost... **\$139.50**



# RADIO SETS MONEY CAN BUY!

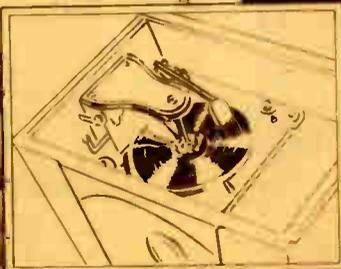
## PHONO RADIO COMBINATION

THE NE-PLUS-ULTRA in phonograph reproduction and radio reception for the home. No finer instrument, combining the two, to our knowledge has ever been previously offered. Besides employing the sensational 24 tube All-Wave Receiver, described on the previous pages, the phono-radio combination illustrated below includes the famous Capehart Automatic Record Changer. The model used is designed to play up to ten 10 or 12 inch records, automatically changing each record as it is completed. The last record repeats until the master switch is turned "off". It will play either 33 $\frac{1}{8}$  or 78 R.P.M. recordings. In addition, a rejecting device permits quick rejection of any record not desired. So complete and elaborate, yet simple to operate, is this mechanism that over one solid hour of consistent record entertainment of any type or variety is possible with it. Concerning the reproduction — Lafayette engineers have left nothing to chance to insure the finest and most faithful quality. The use of a High-Fidelity Amplifier with reserve power up to 50 watts and Dual High-Fidelity Speaker System is a guarantee that the reproduction will please the most critical, besides making this instrument suitable for any occasion — whether it be at times when a soft whisper is desired or for large gatherings when tremendous volume may be required. In harmony with the splendid engineering that has gone into this combination — is the fine sturdy aristocratic console cabinet which houses this instrument. Built by craftsmen of choice selected grain walnut woods and finished so that its addition to any home lends distinction and grace. For finest radio reception, complete phonograph record entertainment, with the highest quality of reproduction and power — all in a most attractive cabinet, Lafayette offers you — with complete assurance — this instrument!

# 24 TUBES

# THE MONARCH

Model C-97—Phono-Radio Combination, as described above, for 110 to 250 volt, 50 to 60 cycles operation. Specify line voltage (necessary for automatic record changer). Supplied complete with tubes. Automatic Record Changer. High-Fidelity Pick-up. Dimensions: 43 $\frac{1}{2}$ " high, 30 $\frac{1}{4}$ " wide, 19 $\frac{1}{2}$ " deep. Shpg. wt. 250 lbs. Code Gebre. List price \$455.00. Your Cost... **\$227.50**



# Lafayette QUALITY Especially For Use In



## 5 TUBE AC-DC EUROPEAN MODEL

190-550 AND 850-2000 METERS

Value plus! That's what you get in this 5 tube AC-DC superhet, designed exclusively for use in Europe. Not a compact model but a full size mantel job embodying refinements never before found in such a low priced receiver: illuminated airplane dial, 3-gang condenser, dynamic speaker. These are the features you've come to expect only in more expensive receivers.

Latest type tubes have been utilized in an extremely efficient superhet circuit: 1-77, 1-6A7, 1-78, 1-43, 1-25Z5. In addition, a pre-selector stage is included which is tuned by one section of the 3-gang condenser, greatly increasing the image ratio. This makes the receiver extremely selective.

The extended wavelength range covers two bands from 190-550 meters and 850-2000 meters, thus assuring reception from stations on both sides of the Atlantic.



## 5 TUBE AC Long & Short Wave SUPERHET

18-50-200-550  
850-2000 METERS

### IMPORTANT NOTE!

Radio receivers for use in Europe must tune between 850 and 2000 meters, in addition to the regular 200-550 meter band. Suitable sets for this purpose are described on these two pages and also on pages 7, 8, 9 and 28.

**Model A-77L** - European Model, Lafayette 5 tube AC-DC Superhet complete with tubes, for 110 volts. Dimensions: 12" wide x 6" deep x 14½" high. Shpg. wt. 13 lbs. Code Decur. List price, \$33.90.

**\$16<sup>95</sup>**

Your Cost.....  
Adapter for 220 volts.... \$1.00

Another achievement by Lafayette Engineers. This special European Model AC Superhet is packed with power. It girdles the globe with ease! It brings in stations with lifelike realism so that you almost imagine the performer to be in the same room!

Its three bands cover the wavelengths from 850 to 2000 meters, 200-550 meters and the short wave band from 18-50 meters. Thus it is emphatically a European model in every sense of the word.

Like other Lafayette receivers, all latest features have been incorporated, including automatic volume control effective on all bands; large 8" electro-dynamic speaker; continuously variable tone control; 3-gang condenser; large full size chassis; airplane dial. FIVE latest type tubes are used in an entirely new 1936 superhet circuit as follows: 1-78, 1-75, 1-42, 1-80 and 1-6A7. **Model A-81L** - Lafayette 5 tube Long and Short wave Superhet complete with tubes. For 110 volt, 60 cycle AC operation. Dimensions: 13½" wide x 8" deep x 16½" high. Shpg. wt. 24 lbs. Code Fetu.

**\$21<sup>50</sup>**

List price \$43.00. Your Cost.....

Available for 220 volt AC operation at \$1.50 additional.



# RECEIVERS Designed European Countries

## 10 TUBE *Super Deluxe* All Wave SUPERHET

- NEW CUSTOM BUILT ARMOR-CLAD NERVE CENTER
- 5 Bands: 850-2000, 200-550, 75-200, 30-75, 14-30 Meters

FOR the buyer of radio who wants the ultimate in radio for European use, we are proud to present this brilliant creation by Lafayette engineers. After months of research a super-efficient tuning unit has been developed and made the heart of this Deluxe custom built receiver. Armor-clad battleship construction throughout affords efficient shielding which results in smooth, interference-free reception on all wave bands without the slightest interaction effect.

### FIVE RECEIVERS IN ONE

Although you pay only for one receiver you actually get five sets for the price of one because the 5 distinct bands bring All-Wave reception from all over the world. This Lafayette Deluxe receiver incorporates a newly designed and improved superhet circuit utilizing ten tubes for maximum results; 3-8D6's, 2-76's, 1-75, 3-42's, 1-5Z3.

This superb receiver is marked by many features that are at once apparent to the eye and ear. For example, you will be astonished at the extremely low background noise. This is due to the use of a highly efficient radio frequency pre-amplifier stage by the thorough shielding of each individual circuit. You'll marvel at its ability to handle great power without distortion, its selectivity and its sensitivity and at its faithful realistic reproduction over the entire audio frequency range.



**\$59<sup>50</sup>**  
Complete  
with Tubes

Model F59—Lafayette 10 tube Armor-Clad Nerve Center European receiver in Mantel cabinet illustrated above. Complete with tubes. For 110-220-240 volts, 25-60 cycle A.C. Dimensions: 21 1/4" high, 18" wide, 12 1/4" deep. Shpg. wt. 57 lbs. Code Goyer. List price \$119.00.

Your Cost..... **\$59.50**

Model F60—Same as above but only four bands (850-2000 meter band omitted). For 110 V. 60 cycle A.C. Code Gayre. List price \$99.00. Your Cost..... **\$49.50**

### 10 TUBE MANTEL COMBINATION

The beautiful MANTEL PHONO COMBINATION illustrated at the left houses the 10 tube All Wave receiver together with a powerful dual speed phonograph motor and electric pickup. Thus phonograph recordings (either 78 or 33 1/3 r.p.m.) as well as world-wide broadcasts are at your command.

The High-Fidelity audio system of the Lafayette 10 tube All Wave receiver together with the full electro-dynamic speaker brings new life to your favorite recordings. Full control is had over both volume and tone on records as well as radio. The cabinet is unusually compact for a phono-radio combination yet is handsome in appearance and provides full baffling for the speaker.

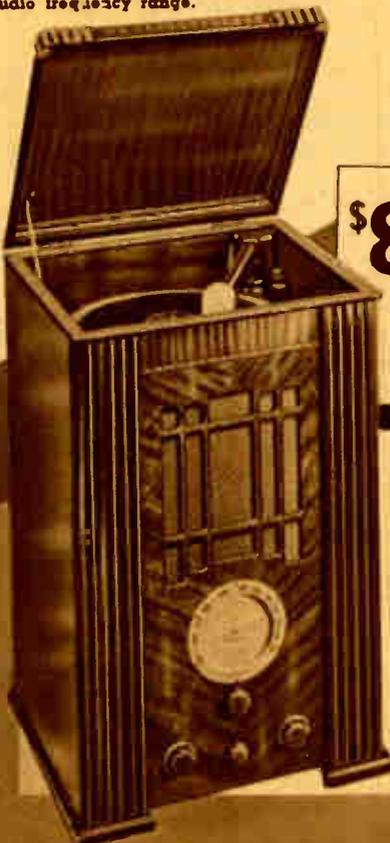
Model F5E—10 tube Armored Nerve Center All Wave 5 Band Mantel Combination complete with tubes. For 110-220-240 volts, 25-60 cycle A.C. Dimensions: 26 1/4" high, 16 1/4" wide, 18" deep. Shpg. wt. 80 lbs. Code Ferras. List price \$170.00.

Your Cost..... **\$85.00**

Model F60—Same as above but with 4 Band receiver. Complete with tubes. For 110 V. 60 cycle A.C. Code Fugas. List price \$145.00.

Your Cost..... **\$77.50**

Models F60, F62 and F49 for 220-240 volts..... **\$5.00 additional**



**\$85<sup>00</sup>**  
Complete  
with Tubes

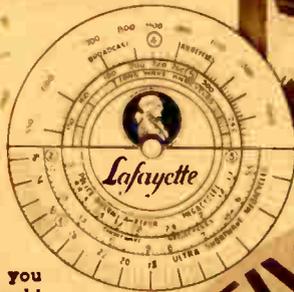
# POWER

To Span the World!  
 To Make Distant Stations  
 Sound Like Locals!  
 Plus Dependable  
 "Shadowgraph" Tuning

## 14 TUBE AC-DC Operation SUPERHET

USING THE  
*New*  
**METAL  
 TUBES**

You'll reach new heights of radio enjoyment as you listen to the whole world marching into your home. So amazingly selective that it brings in distant stations through the locals! So powerful that it brings you colorful and fascinating foreign broadcasts with an absolute minimum of background noise and interference. Such power that you always have tremendous reserve necessary to exert the maximum output of the new tubes. Words cannot convey the thrill of pleasure and excitement that you'll enjoy! You have to hear it to appreciate it.



**FIVE tuning BANDS**

8-16, 16-57½, 57½-187, 187-555,

850-2050 METERS

Every modern improvement in circuit design has been incorporated in this receiver to actually give you better, more enjoyable performance. Under reasonably favorable weather conditions we guarantee that this receiver will provide enjoyable European reception.

Fourteen newest tubes—including the new all-metal types have been utilized in an improved superheterodyne circuit as follows to insure maximum results on the short waves: 1-6K7 as R.F. Amplifier; 1-6A7 as 1st Detector and Oscillator; 2-6K7's as I.F. Amplifiers; 1-6H6 as Diode Detector, AVC; 1-6C5 as 1st A.F. Amplifier; 1-6K7 as Automatic Tone Control; 4-43's as Class "A" power output, 2-25Z5's as full wave rectifiers, and 1-6E5 Shadowgraph Control Tube.

It is THE FIRST HIGH-FIDELITY AC-DC RECEIVER WITH SHADOWGRAPH TUNING. Another feature is its Automatic Tone Control which reduces the noise level between stations to a minimum.

Other features are: illuminated sector type Airplane dial on which only the band in use lights up; 10" High-Fidelity Electro Dynamic Speaker. The modern "streamlined" mantel cabinet illustrated above houses the chassis. Made of the finest selected straight grained American walnut veneers and hardwoods.

Model C-34-LAFAYETTE 14 tube All-Wave, High-Fidelity receiver, complete in mantel cabinet. Dimensions: 15½" wide x 12" deep x 20½" high. Shpg. wt. 50 lbs. Code Genla. List price \$129.00. Your Cost **\$64.50**  
 For special consoles for this type chassis see page 29.

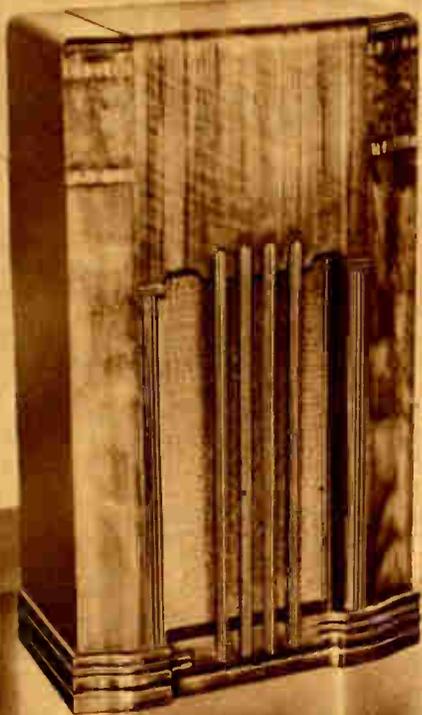


Model C-33—Lafayette 14 Tube All-Wave Receiver Chassis, with speaker and tubes. Dimensions: 13½" wide x 11" deep x 9" high. Shpg. wt. 39 lbs. Code Grova. List price \$115.00.  
 Your Cost..... **\$57.50**

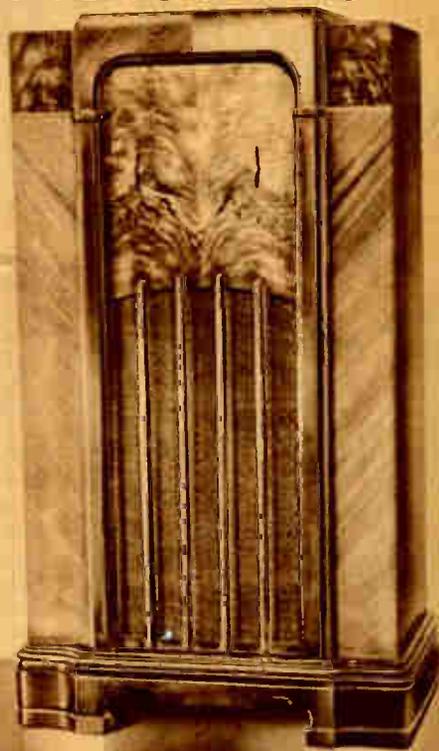
Receiver in Cabinet, Complete  
**\$64.50**

Chassis, with Speaker and Tubes  
**\$57.50**

# NEW *Lafayette* CABINETS



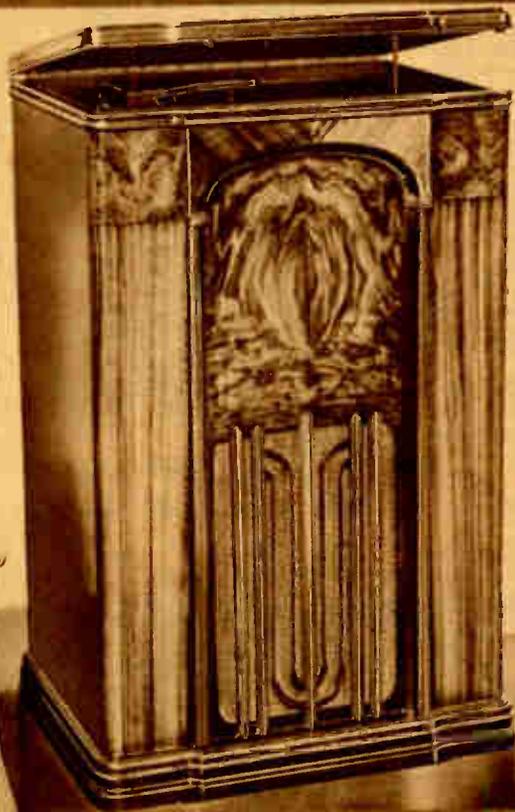
**THE MODERNE** (at left)  
**ATTRACTIVE** walnut radio cabinet, with modernistic tendencies in design. Curved side panels. Cabinet dimensions: Width 23", height 39", depth 12". Chassis space: Length 20½", depth 11", height 10". Instrument panel area, 12" x 15". Shpg. wt., 70 lbs. Model 700. Code Telva. List \$33.90. **\*16.95**  
 Your Cost...



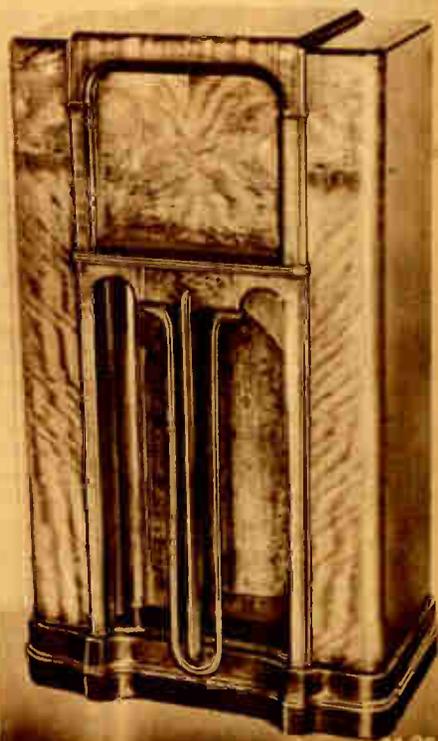
**THE PARAMOUNT**  
 (at right)

**VERY** handsome and modern. Two-toned walnut. Dimensions: Height 38½", depth 13", width 21". Will take large chassis—up to 11¼ x 19 x 10¼ ins. Instrument panel area, 10¼ x 11¼ ins. Shpg. wt., 80 lbs. Model 702. Code Tevit. List \$31.90. **\*15.95**  
 Your Cost...

## *Smart Styles* BEAUTIFULLY FINISHED



**COMBINATION** (at left)  
**LARGE**, deluxe phono and radio cabinet. Two-tone with burl walnut. Dimensions: Height 42", length 26", depth 18¾". Phono panel submerged 7¾" from top lid, which will permit use of automatic turntable units. Chassis space: Length 24", depth 16½", height 12". Instrument panel area, 12 x 15 ins. Shpg. wt., 100 lbs. Model 704. Code Tabot. List \$59.50. **\*29.75**  
 Your Cost...



**FIDELIS** (at right)  
**BEAUTIFUL** radio cabinet in matched walnut patterns and colors. Recessed sounding board. Dimensions: Height 42", length 24", depth 13". Will take chassis up to 21½" long, 11" deep, 11" high. Instrument panel area, 11¼" x 10¼". Shpg. wt., 85 lbs. Model 708. Code Tenka. List \$49.00. **\*24.50**  
 Your Cost...

*Modern  
Magic!*

# AMAZING INVENTION

*Perfect reception without*

## LAFAYETTE 6 TUBE, 6 VOLT SUPERHETERODYNE

- Foreign and American Reception
- 3 Bands - 15 to 550 Meters

Now the advantages of full efficiency superheterodyne performance are available even when using six volt power! This matchless receiver sets a new standard of excellence. It is ideal for farm, country home, summer resort or any other location where house electric current is unavailable.

Utilizing the latest dual purpose super-efficient tubes, you are enabled to get world-wide reception as well as American broadcasts, amateurs, police calls, ships at sea, etc.

Among its features are: Low battery drain—only 1½ amperes total drain; automatic volume control, illuminated airplane dial, 6½ inch electro-dynamic speaker, 3 gang tuning condenser, etc. Tubes used are 1-1C6, 1-34, 3-30's, 1-33, "B" supply built-in—no extra B or C batteries required.

**Model J50**—Lafayette 6 tube, 6 volt receiver complete with tubes but less battery. Mounted in Mantel cabinet illustrated. Dimensions: 14¾" by 11" by 8¾". Shpg. wt. 15 lbs. Code Ketna. List price, \$49.00

Your cost..... **\$24.50**  
 Complete with Air-O-Charger and Tower..... \$18.50 additional  
 100 ampere hour storage battery..... Your Cost, \$8.50

## LAFAYETTE 8 TUBE, 6 VOLT, ALL WAVE BATTERY SET

- Three Distinct Wave Bands: 18-50, 75-200, 200-550 Meters
- May be Used With or Without the Air-O-Charger

Lafayette engineers have designed this truly marvelous 8 tube, All Wave receiver to bring you the best in radio entertainment. Not only can you tune in American broadcasting stations on the 200-550 meter band, but police calls, amateur and aircraft stations on the 75-200 meter band and foreign short wave broadcasts on the 18-50 meter band.

8 latest type tubes in a super-het circuit assure reception to satisfy the most critical. Four type 34 tubes are used; one as first detector, another as oscillator and two as intermediate frequency amplifiers, one type 30 as second detector AVC, another as first audio amplifier, one 33 as power output tube and one 84 as rectifier.

9 tuned circuits, 3 gang condenser, tone control, automatic volume control, airplane dial and 8" motor magnetic speaker make this the most outstanding battery receiver.

**Model A54**—Lafayette 8 tube, All Wave 6 V. battery receiver complete with tubes in Mantel cabinet. Less battery. 15¾" wide, 11½" deep, 20½" high. Shpg. wt. 34 lbs. Code Wecca. List Price \$73.90.

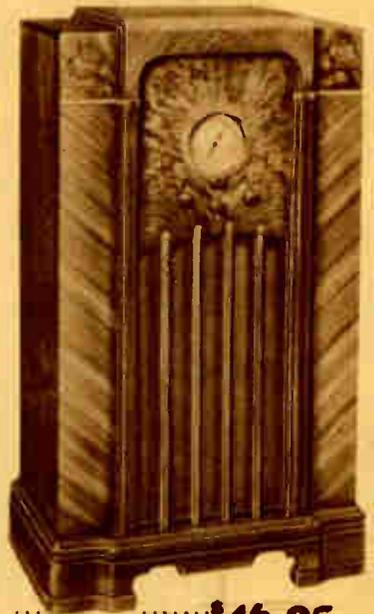
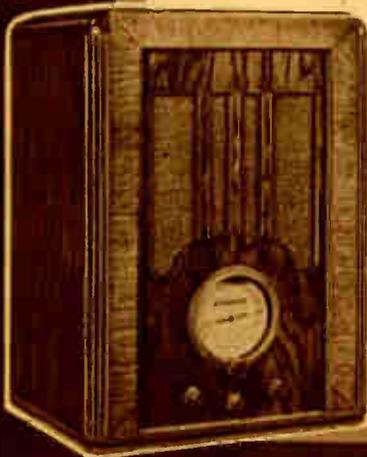
Your Cost..... **\$36.95**

**Model A55**—Same as above but in Console cabinet with tubes but less battery. 22¾" wide, 13" deep, 38½" high. Shpg. wt. 54 lbs. Code Womba. List price, \$93.90.

Your Cost..... **\$46.95**

Either of the above models complete with Air-O-Charger and Tower \$18.50 additional.

100 Ampere hour Storage Battery. Your Cost..... **\$8.50**



*Now* FARM RADIO CAN BE AS  
*Sensitive and Distance-Getting*

# DEVELOPS POWER *from the AIR* *power line and battery recharging*

## *The new* AIR-O-CHARGER *does it!*

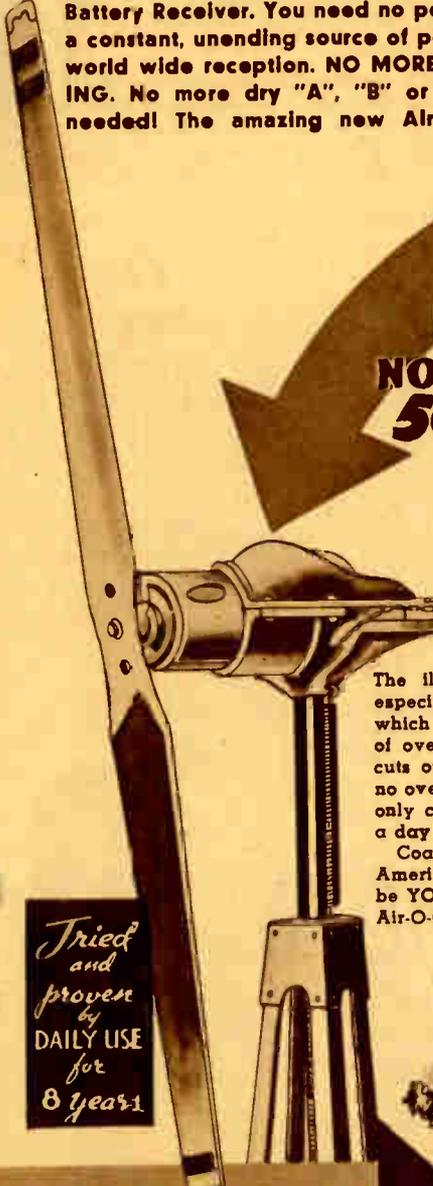
Now the whole world of radio can be yours with a Battery Receiver. You need no power line to assure a constant, unending source of power for noiseless, world wide reception. **NO MORE BATTERY CHARGING.** No more dry "A", "B" or "C" batteries are needed! The amazing new Air-O-Charger brings

you **POWER FROM THE AIR. FREE power!**

All of the Lafayette Receivers shown on the opposite page have been especially designed for distant, world-wide reception with the Air-O-Charger. DeLuxe performance hitherto unknown outside of all-electric operation!



**NO POWER LINE!**  
**NO BATTERY CHARGING COST**  
*50¢ per year for Distilled Water is  
your only expense!*



**AIR-O-CHARGER**

The illustration below shows how Air-O-Charger operates! The especially designed aeroplane propeller is geared to a generator which charges your battery even in the lightest breeze. No danger of overcharging, ever, for the patented regulator cuts out the generator automatically. No upkeep, no overhead! 50c a year for distilled water is your only cost to insure world-wide reception 10 hours a day!

Coast to coast reception, Europe, Asia, South America, ships at sea, amateur stations . . . all can be **YOURS**, thanks to the new and easily installed Air-O-Charger!

*Tried  
and  
proven  
by  
DAILY USE  
for  
8 years*

*Selective,*  
**AS CITY SETS**





Illustrating interior construction of the 4 Tube Superhet, and self-contained battery feature.

# Lafayette BATTERY RECEIVER

*Especially Designed for Economy of Operation*

## 4 TUBE SUPERHET gives PERFORMANCE at a PRICE!

For economy of operation, clear tone and ample power to bring in stations clearly and enjoyably, this Lafayette 4 tube Superhet will meet your requirements. Here is a receiver that is compact and entirely self-contained. No need for unsightly batteries, connecting wires, etc., for all batteries fit inside the cabinet itself.

### IMPROVED CIRCUIT

The improved and highly sensitive superhet circuit utilizes 4 latest type tubes: 1-34 as int. frequency amplifier; 1-34 as 2nd detector; 1-1A6 as oscillator and 1st detector; and 1-33 as power output. Other features include: three gang condenser; 5 tuned circuits; airplane reduction dial. The wave band extends from 175 to 350 meters, which enables you to tune in all American broadcast stations as well as police calls.

**Model A-31**—Lafayette 4 tube battery receiver complete with tubes but less batteries. Dimensions: 14" wide x 10" deep x 17" high. Shpg. wt. 17 lbs. Code Welba. List price, \$31.50.

Your Cost..... **\$15.75**

Complete set of batteries consisting of: 2 Burgess 45 V. B's, 1-4½ V. C. and 1 Burgess A pack. Shpg. wt. 28 lbs. Your Cost..... \$4.65

## 7 TUBE ALL WAVE SUPERHET

As you listen to this remarkable All-Wave Superhet it is difficult to believe that it is a battery receiver. It has power to spare and is highly selective and sensitive; its tone is smooth and mellow. On ranches, farms, camps and other places remote from power lines, you can be assured of quality world-wide reception. The 3 bands cover wavelengths from 200-560 meters, 66-187 meters and 16-50 meters—so that you can tune American broadcast, foreign stations, weather reports, police calls, etc.

Economical to operate. Seven latest type tubes are used in an improved circuit as follows: 1-1C6, 2-34's, 1-25S, 1-30, 1-19 and 1-6-1 voltage regulator tube. This Lafayette receiver will bring a new measure of enjoyment to radio reception.

**Model C-17**—Lafayette 7 tube Battery Superhet Complete with tubes and 3 conductor cable with 8 prong plug supplied for battery connections, but less batteries. Dimensions: 12" wide x 8½" deep x 15¼" high. Shpg. wt. 68 lbs. Code Wengq. List price, \$49.90.

Your Cost..... **\$24.95**

Complete set of batteries, including Burgess A pack. Shpg. wt. 44 lbs. Your Cost..... \$6.05

Eveready Air Cell, if desired, extra..... \$2.00

## 6 TUBE 32 VOLT RECEIVER

Here is an improved receiver especially designed for use with 32 volt Delco systems or similar power plants. With this highly selective and very sensitive superheterodyne you can enjoy radio just as well as the city dweller who uses 110 volt supply.

Covering the wavelengths from 171 to 565 meters, you have all American broadcast stations, weather reports and police calls at your fingertips. An ultra-refined superhet circuit has been designed utilizing 6 latest type tubes as follows: 1-6A6, 1-6A7, 2-6D6's, 1-43, and 1-85 audio and automatic volume control which assures steady volume of reception, ease of tuning and eliminates blasting effect when tuning from weak to strong signals. Other features are full range tone control; electro-dynamic speaker; 3 gang condenser; rubber cushioned, vibrationless chassis; illuminated airplane dial, etc. Housed in a handsome mantel cabinet, it blends harmoniously with the furnishings of any home.

**Model B-12**—Lafayette 32 volt, 6 tube superhet complete with tubes. 32 volts DC only. Dimensions: 16¼" wide x 10½" deep x 19" high. Shpg. wt. 35 lbs. Code Bacha. List price, \$54.00.

Your Cost..... **\$26.95**



**\$24.95**

**\$26.95**



# Lafayette's

## SUPREME TRIUMPH

# BATTERY RADIO

# 9 TUBE ALL WAVE

*High Fidelity Superhet*

*Equals* FINEST ALL-ELECTRIC SETS

**MANTEL \$44.95**  
COMPLETE WITH TUBES

*Money Cannot Buy Better Battery Sets*

- Automatic Vol. Control
- Class B Power Stage
- Permanent Dynamic Speaker

IN THE creation of this superlative All-Wave Receiver, Lafayette engineers were inspired by a single ideal—to design the world's finest All-Wave Superhet Battery operated receiver. That they have fulfilled their purpose is immediately apparent when you flip the switch and, listening, find the entire world at your command! Money cannot buy more perfect reproduction, greater selectivity, easier tuning, more mellow tone, or greater beauty of cabinet design in a battery operated receiver!

With this Lafayette DeLuxe 9 tube Battery Receiver, you can tune in not only American broadcast stations on the 173-560 meter band, but also foreign short wave, intermediate short wave and police broadcasts on the 64-175 meter band and foreign broadcasts on the 18.8-53.6 meter band. What a vast field for you to explore! And you can accurately log short-wave stations easily because of its 3½" micrometer airplane dial, which is as precise in its construction as a watch! Steady volume of reception without blasting is assured by means of the diode automatic volume control. Personal tone control enables you to bring out mellow low or brilliant high notes—the way you like them, while a large full 8" permanent magnet speaker enhances the total quality of the receiver.

The advanced superhet circuit utilizes the latest type super efficient tubes: 1-19, 4-30's and 4-34's. No wonder it gets distance! An automatic bleeder circuit equalizes "B" and "C" battery voltages maintaining the "C" battery voltage at proper potential as the "B" batteries deteriorate

through use. All of these special features are here, in addition to 3-gang rubber cushioned condenser, manual volume control in addition to the AVC.

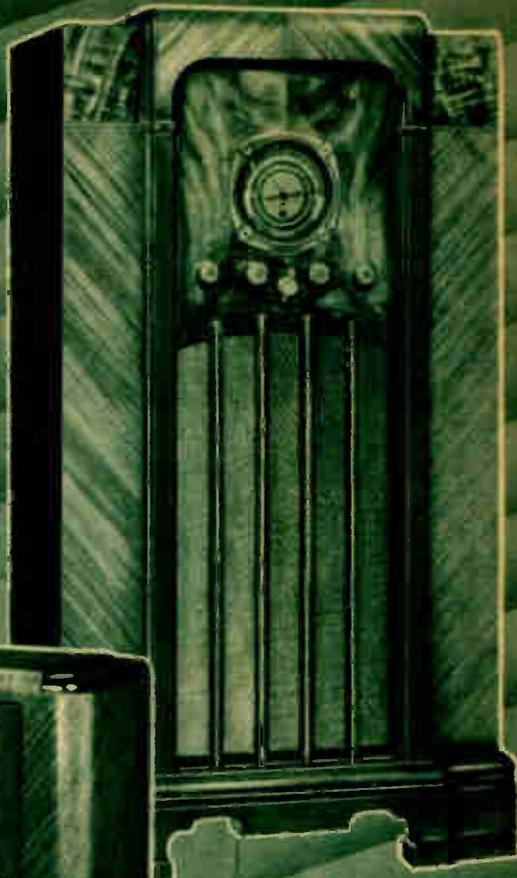
Not content to merely build the finest battery receiver, Lafayette has housed the chassis in two strikingly beautiful cabinet models made of the finest selected woods. Here is battery operated radio at its zenith... to satisfy the most critical of discriminate radio listeners.

**Model B-48 — LAFAYETTE Mantel 9 Tube Battery All-Wave Receiver.** Complete with tubes but less batteries. Dimensions: 16¼" wide x 10½" deep x 18½" high. Shpg. wt. 45 lbs. Code Breta. List price \$90.00.  
Your Cost **\$44.95**

**Model B-49—Complete with tubes and dry A and B batteries,** as listed below. List price \$107.00. Shpg. wt. 89 lbs. Code Breta. Your Cost **\$52.95**  
Eveready Air Cell, if desired **\$2.00 extra**

**Model B-75 — LAFAYETTE Console 9 Tube Battery All-Wave Receiver.** Complete with guaranteed tubes, Burgess dry A pack with voltage regulator, 3 heavy duty B batteries, 1—22½ V. C battery, aerial equipment and full instructions. Cabinet Dimensions: 23" wide x 12½" deep x 38½" high. Shpg. wt. 105 lbs. Code Bilma. List price \$117.00.  
Your Cost **\$58.50**

**Model B-76 — LAFAYETTE Console 9 Tube Battery All-Wave Receiver.** Complete with tubes, but less batteries. Shpg. wt. 80 lbs. Code Bevan. Your Cost **\$49.95**  
Complete Kit of Batteries for the 9 Tube MANTEL or CONSOLE Battery Receiver. Shpg. wt. 45 lbs. Your Cost **\$8.00**  
Eveready Air Cell, if desired **\$2.00 extra**



**CONSOLE \$58.50**  
COMPLETE WITH TUBES

*Lafayette*  
**AUTO RADIO**  
*for 1936*

FEATURING

*Ease of*  
**INSTALLATION**

*Absolutely*  
**SUPPRESSORLESS**  
Single Unit - "*Quick -*  
*Service*" Construction.

**6**  
TUBE  
**SUPERHET**



**T**HERE'S only one word to describe this Lafayette SUPPRESSORLESS Auto Radio - "Marvelous"! You have to see and hear it to appreciate it! It has everything: airplane type dial; automatic volume control; single unit quick service construction; latest tubes—at a price so low that it seems incredible!

**"Quick Service"**  
**Construction**

Simply loosening 4 wing nuts will remove the entire chassis from the housing, for servicing.

No more headaches trying to service a radio in a "2 by 4 corner". This saves time, money and labor. The automatic volume control system is quick acting and positive, eliminating the need for constant manual adjustment to overcome fading when passing under bridges, etc. Having a 3 watt output, it is more than enough to override car and road noises. The remote control is of the airplane type and is indirectly illuminated and equipped with lock type switch to prevent unauthorized use. Six tubes including new high gain types are used as follows: 2-78's, 1-77, 1-75, 1-41 and 1-84. The housing is modern, attractively finished in black and silver.

**Model A-60**—Lafayette 6 tube superhet SUPPRESSORLESS, single unit construction Auto Radio. Complete with tubes, 18" remote control cables and airplane type remote control. Dimensions: 10½" long x 7½" deep x 6¾" high. Shpg. wt. 25 lbs. Code Wawer.

List price \$43.80. Your cost ..... **\$21.95**



**5 tube**  
**SUPERHET** **AUTO**  
**RADIO**

**H**ERE'S a 5 tube radio produced to sell at a price! But despite this no sacrifice has been made in quality, as may be seen by its unusual features. These include: Single unit construction which makes it easy to install and service; automatic volume control to help eliminate fading while passing through places shielded by high buildings and to hold signals steady up hill or down dale; dynamic speaker; airplane illuminated dial calibrated in kilocycles; sealed vibrator power unit. This remarkable receiver is thoroughly filtered and comes completely equipped with motor generator condenser and distributor suppressor. The following latest type tubes are used: 1-75, 1-6D6, 1-6A7, 1-41 and 1-84. Current consumption from battery is only 4.55 amperes.

**Model J-37**—Lafayette 5 tube Auto Radio complete with tubes, motor generator condenser and distributor suppressor. Dimensions: 6½" wide x 11½" deep x 5" high. Shpg. wt. 18 lbs. Code Kasus. List price, \$33.90. Your Cost ..... **\$16.95**



# MALLORY REPLACEMENT VIBRATORS

## ELKON

### for all Standard Auto Radio Sets



The popular Auto Radio, as we know it today, has been made possible only by the fact that Mallory Engineers originated and manufactured the first vibrator type power supply. Of the two million sets in use today, including those powered by "B" batteries and motor generators, over half are equipped with Mallory Elkone vibrator "B" power supplies. It is apparent, therefore, that Mallory is and always will be the leader in the vibrator field. There is a Mallory vibrator for every make and type of Auto Radio. Most important, Mallory Vibrators are now priced so low that the use of substitutes will be false economy.

Stock No.	Name and Model No.	Type No.	Your Cost	Stock No.	Name and Model No.	Type No.	Your Cost	Stock No.	Name and Model No.	Type No.	Your Cost
<b>AIRLINE</b>											
YF6105	Auto Radio	206	\$2.94	YF6137	965, 667	296	\$2.65	YF6136	34	294	\$2.65
YF6123	62-118	253	2.65	YF6132	5A	277S	3.23	YF6138	88	302S	2.94
YF6145	32 Volt	F253	3.09	YF6114	678-1, 678-2	222	3.09	YF6139	61	303S	2.94
<b>ALL AMERICAN MOHAWK</b>											
YF6135	A60	292	2.65	<b>ERLA-SENTINEL</b>				YF6116	77A	280	3.38
<b>ALLIED RADIO</b>											
YF6135	F9541, F9551	292	2.65	YF6136	5500	294	2.65	YF6126	77A	270B	3.23
<b>ARCADIA</b>											
YF6123	6U	253	2.65	YF6135	602,603	292	2.65	YF6117	55	230	3.38
YF6105	062,062-A	206	2.94	<b>FADA</b>				YF6118	56A	234	3.38
YF6107	072,072-A	211	3.38	YF6113	101, 102, 104B	221	2.79	YF6119	44	235	3.38
<b>ARVIN</b>											
YF6137	15, 25, 35, 45 (1st Series)	296	2.65	YF6164	166, 12 Volts	G253	3.23	YF6126	44A, S66	270B	3.23
YF6135	15, 25, 35, 45 (2nd Series)	292	2.65	<b>FORD</b>				YF6123	Dual 6, Twin 8 (1934)	253	2.65
YF6135	10A, 20A, 20B, 30A, 30B, 16	292	2.65	YF6112	Majestic 40-18805	220B	2.79	YF6124	57, 75, 100 (for Plate Antenna)	253T	2.05
YF6136	7, 17, 17A, 27, 37	294	2.65	YF6122	Philco (All Models)	250	2.65	<b>OLDSMOBILE</b>			
<b>ATWATER-KENT</b>											
YF6114	424, 534	222	3.09	YF6137	Lincoln	296	2.65	YF6130	393885-393884, 405057, 405062	273C	3.23
YF6137	666	296	2.65	<b>GENERAL ELECTRIC</b>				<b>PHILCO</b>			
YF6137	816, 776	296	2.65	YF6123	C60	253	2.65	YF6122	All Models	250	2.65
<b>AUDIOLA</b>											
YF6141	23-S-7, 33-S-6	312T	2.94	YF6115	135	223	3.38	<b>RCA-VICTOR</b>			
YF6162	33-A-6	223	3.38	<b>GRAYBAR</b>				YF6129	M34, M105, M116	273	3.23
YF6163	346, 347	296	2.65	YF6127	150 (Chassis)	271	3.23	YF6123	M107	253	2.65
<b>BELMONT</b>											
YF6112	660	220B	2.79	<b>GREBE</b>				YF6165	M123	224	3.23
YF6140	1932 Models	311S	2.79	YF6135	61-R	292	2.65	YF6134	RC166	287M	3.23
YF6137	670	296	2.65	<b>GULBRANSEN</b>				YF6147	RC166-2 (12 Volt)	G287M	3.23
<b>BOSCH</b>											
YF6125	524, 634, 634A	253Y	2.65	YF6105	362, 362A	206	2.94	YF6136	RS63-1	294	2.65
YF6127	140 (Types 2 and 3)	271	3.23	YF6107	072, 072A	211	3.38	<b>SEARS ROEBUCK</b>			
YF6111	150 (Edition 1)	219	3.38	YF6106	06W (1st Series)	210	3.38	YF6136	7128 (4-Prong)	294	2.65
YF6127	150 (Edition 2)	271	3.23	YF6121	06W (2nd Series)	237	3.38	YF6137	7128 (6-Prong)	296	2.65
YF6127	45, 160	271	3.23	YF6133	5Y	286S	3.23	YF6127	7117, 1859A	271	3.23
YF6137	78	296	2.65	YF6135	V622, Z621	292	2.65	<b>SPARTON</b>			
YF6123	79	253	2.65	<b>HUDSON-TERRAPLANE</b>				YF6135	33, 33A	292	2.65
<b>BUICK-OLDSMOBILE-PONTIAC</b>											
YF6113	980383-980393	221	2.79	YF6112	Majestic Head	220B	2.79	YF6137	393	296	2.65
YF6134	980455-980459, 980441	222	3.09	<b>INTERNATIONAL</b>				<b>STEWART WARNER</b>			
YF6130	544245-544246	273C	3.23	YF6137	K-60	296	2.65	YF6136	1171	294	2.65
YF6130	393884, 393885	273C	3.23	<b>LAFAYETTE</b>				YF6135	R1112, 1121, 1122	292	2.65
YF6130	544267, 544268	273C	3.23	YF6106	S17762	210	3.38	YF6166	132	289Y	3.23
YF6130	405045, 405046	273C	3.23	YF6133	B-62	286S	3.23	YF6136	131	294	2.65
<b>CADILLAC</b>											
YF6106	062W Standard	210	3.38	YF6105	B-62	206	2.94	<b>STROMBERG CARLSON</b>			
YF6121	062W Master	237	3.38	YF6123	L-30, L-5	253	2.65	YF6120	33	236	3.38
YF6105	2721 (072)	206	2.94	YF6145	B-64	F253	3.09	<b>UNITED MOTOR SERVICE</b>			
YF6107	2722 (072A)	211	3.38	YF6137	L-23	296	2.65	YF6113	2035, 4036	221	2.79
YF6123	6U2	253	2.65	YF6136	LW-10 (4-Prong)	294	2.65	YF6114	4037, 4038	222	3.09
<b>CHEVROLET</b>											
YF6113	364441	221	2.79	YF6137	LW-10 (6-Prong)	296	2.65	YF6130	Plug-in Synchronous (4 and 6 Tubes)	273C	3.23
YF6114	600153-600566	222	3.09	<b>MAJESTIC</b>				YF6130	626, 627, 628, 629	273C	3.23
YF6114	600249-600565	222	3.09	YF6112	66, 116, 116A, 118	220B	2.79	<b>UTAH</b>			
YF6130	601038 (6 Tubes)	273C	3.23	YF6112	40-18805	220B	2.79	YF6113	"B" Eliminator	221	2.79
YF6130	601176 (6 Tubes)	273C	3.23	<b>MALLORY "B" ELIMINATOR</b>				<b>WELLS-GARDNER</b>			
YF6130	601177 (4 Tubes)	273C	3.23	YF6100	Type 1	201	2.94	YF6135	V622, Z621	292	2.65
YF6130	601174	273C	3.23	YF6101	Type 2	202	2.94	YF6133	5Y	286S	3.23
YF6130	601662	273C	3.23	YF6102	Type 3	203	2.94	YF6146	5Y, 12 Volt	G286S	3.23
YF6130	601674	273C	3.23	YF6103	Type 4	204	2.94	YF6105	062, 062A	206	2.94
<b>CLARION</b>											
YF6136	100, TC-50 (4-Prong)	294	2.65	YF6104	Type 5	205	2.94	YF6107	072, 072A	211	3.38
YF6137	TC-50 (6-Prong)	296	2.65	YF6105	Type 6	206	2.94	YF6106	06W (1st Series)	210	3.38
<b>COLONIAL</b>											
YF6113	106 B Supply	221	2.79	YF6106	Types 10, 10C, 10CA, 10P, 10PC, 10ST	210	3.38	YF6121	06W (2nd Series)	237	3.38
YF6112	164	220B	2.79	YF6107	Types 11, 11M, 11Z, 11CD, 11P, 11PC	211	3.38	YF6123	6U, 6S	253	2.65
YF6137	164B	296	2.65	YF6108	Types 12, 12C, 12PC	212	3.38	YF6145	32 Volt Sets	F253	3.09
YF6127	150	271	3.23	YF6109	Types 13, 13S	213	3.38	YF6123	6S	253	2.65
<b>CROSLEY</b>											
YF6115	98, 99, 102, 103, 119, 5A1	223	3.38	YF6110	Types 14, 14C, 14PN	214	3.38	YF6123	6S	253	2.65
<b>DETROLA</b>											
YF6112	6A, 1100, 1100A	220B	2.79	<b>MONTGOMERY WARD</b>				<b>WESTINGHOUSE</b>			
<b>DEWALD</b>											
YF6113	52	221	2.79	YF6135	87	292	2.65	YF6136	WR-25-24 (4 Pr.)	294	2.65
YF6135	61, 640	292	2.65	YF6123	62-118	253	2.65	YF6137	WR-26 (6 Pr.)	296	2.65
YF6136	A606	294	2.65	YF6105	Auto Radio	206	2.94	<b>WILCOX GAY</b>			
				YF6145	Airline	F253	3.09	YF6135	4B6	292	2.65
				YF6133	5Y (Chassis)	286S	3.23	<b>WURLITZER</b>			
								YF6135	460, A60	292	2.65
								<b>ZENITH</b>			
								YF6137	7, Ford	296	2.65
								YF6135	460, 462, 650HD, 651HE, 660TD, 661TE	292	2.65

**FREE!**

A complete Auto Radio Service Manual, published by P. R. Mallory Co., containing over 200 diagrams, service hints, etc. We will be glad to endorse and forward requests from accredited dealers and Service Men.

Bring in your old vibrator for testing! Our new and modern test panel enables us to quickly and accurately check all types.

\* Following number indicates special cup adapter is necessary.  
Cup Adapter (when purchased with vibrator).  
YF6148 -  
Your Cost ..... **29c**  
Cup Adapter only ..... **50c**

**Replacement Part Headquarters for Dealers and Service Men**



# Runningham Radiotron



at These Economy Prices

## SIX MONTHS GUARANTEE

RCA Radiotron Tubes are the standard of excellence the world over and we back them up with as broad a guarantee as has ever been placed on a radio tube. We guarantee that they will give efficient service for six months and should any tubes purchased from us fail to do so we will replace them cheerfully and promptly. Burnouts and broken glass are exceptions.

## Additional DISCOUNT

Servicemen and dealers will find it profitable to make their tube purchases at Wholesale Radio Service. An additional discount of 10%, deducted from "Dealer's Cost" prices, is available with each purchase of 25 tubes or more. Take advantage of this offer to increase your tube profits by purchasing a sufficient number of tubes to avail yourself of this discount.



### STORE HELPS

Free!

#### Dummy Cartons

Same as shown above. Ideal for bulk display in windows or store interiors. In lots of 25 to servicemen and dealers who make their RCA-Radiotron tube purchases from us. Absolutely Free

#### Price Tags

Free!



A convenient tag for pricing radio sets. Will aid salesman in

describing set, etc. Absolutely free to servicemen and dealers who purchase their RCA-Radiotron tubes from us

#### Decalcomania

Free!



A 2 color identification marker for the store windows.

Great aid in making RCA tube sales. To servicemen and dealers — free!

#### RCA Tube Manuals

Contains 154 pages full of glass tube data and characteristics, tube theory, applications and circuit design. Latest revision.

XY22142 - List 26c  
Your Cost ..... 20c  
XY20004 - New RCA All-Metal Tube Bulletin. Complete characteristics.  
Your Cost ..... 10c

### GLASS BULB TYPES

TYPE	LIST PRICE	DEALER'S COST	TYPE	LIST PRICE	DEALER'S COST	TYPE	LIST PRICE	DEALER'S COST
00-A	\$1.25	\$.73	42	\$.99	\$.58	85	\$.99	\$.58
01-A	.59	.34	43	.99	.58	89	.99	.58
1	1.25	.73	45	.69	.40	V99	.99	.58
1-V	.89	.52	46	.99	.58	X99	.99	.58
10	2.00	1.18	47	.89	.52	1A6	1.25	.73
11	1.25	.73	48	2.50	1.47	2A3	1.25	.73
12	1.25	.73	49	.99	.58	2A5	.99	.58
112-A	.69	.40	50	2.50	1.47	2A6	.99	.58
19	.99	.58	53	1.25	.73	2A7	1.25	.73
20	.99	.58	55	.99	.58	6A4	1.25	.73
22	1.25	.73	56	.69	.40	6A6	1.25	.73
24-A	.89	.52	57	.89	.52	6A7	1.25	.73
26	.59	.34	58	.89	.52	1B5/25S	1.25	.73
27	.69	.40	59	1.25	.73	2B7	1.25	.73
30	.69	.40	71-A	.69	.40	6B7	1.25	.73
31	.69	.40	75	.99	.58	1C6	1.50	.88
32	1.25	.73	76	.69	.40	6C6	.99	.58
33	.99	.58	77	.99	.58	6D6	.89	.52
34	1.25	.73	78	.99	.58	6E5	1.50	.88
35	.89	.52	79	1.25	.73	6E6	1.50	.88
36	.89	.52	80	.59	.34	6F7	1.50	.88
37	.69	.40	81	2.00	1.18	5Z3	.89	.52
38	.89	.52	82	.89	.52	12Z3	.99	.58
39-44	.89	.52	83	.89	.52	25Z5	.99	.58
40	.69	.40	83-V	1.50	.88	874	4.90	2.88
41	.89	.52	84	1.25	.73	876	6.70	3.94
						886	6.75	3.97

### ALL - METAL TYPE RCA TUBES

TYPE	LIST PRICE	DEALER'S COST	TYPE	LIST PRICE	DEALER'S COST	TYPE	LIST PRICE	DEALER'S COST
6A8	\$2.00	\$1.18	6F6	\$1.75	\$1.03	6K7	\$1.75	\$1.03
6C5	1.50	.88	6H6	1.50	.88	6L7	2.00	1.18
6F5	1.75	1.03	6J7	1.75	1.03	5Z4	2.00	1.18

# KING OF THE HIGHWAY

## Lafayette DELUXE 6 TUBE SUPERHET

### HOME-LIKE Reception on the Road

Truly the King of the Highway! As you glide along slowly or hurry over the road you are assured of sweet, mellow music just as if you were at home in your easy chair!

**EASE OF INSTALLATION** is the outstanding characteristic of this Auto Radio. It is easily mounted to the fire-wall by only 4 bolts. Two flexible drive shafts for tuning and volume controls are equipped with special spade connections for quick attachment. The battery lead cable is attached to the chassis by a bayonet connection; antenna and pilot light leads are attached by screw and pin type connection; the battery lead has an outside fuse and is arranged for connection to the ammeter. Installation is a "one-two-three" operation.

Next in importance is the manner in which the receiver has been designed to filter or shield out practically all interference. Cables are shielded and grounded to chassis container by lock-screw bushings. Spark plug suppressors are unnecessary in most cars. The only items needed to eliminate antenna pick up are distributor suppressor and generator condenser, which are supplied.

**OTHER OUTSTANDING FEATURES** include advanced design of 6" dynamic speaker, hermetically sealed to preclude impairment of operation due to dust particles in the air gap. Diode automatic volume control insures maximum stability in volume and eliminates fading and blasting. Full range tone control enables you to hear ALL the notes from low bass to brilliant highs. An advanced type of vibrator unit is used which may be removed as easily as any of the tubes. The speaker is attached to the cover, and when removed, exposes all tubes and the vibrator unit. A remote control of the non-glare airplane type is arranged for installation in either of 3 positions: on steering column; on under edge of instrument panel; or through instrument panel.

An advanced superhet circuit of extreme sensitivity and selectivity utilizes 6 latest type tubes: 1-84, 1-75, 1-41, 2-6D6, 1-6C6.

**Model B-90—Lafayette 6 tube Superhet Single Unit Auto Radio with Remote Control** (state type control wanted). Dimensions: 7" wide x 7" deep x 10" high. Shpg. wt. 28 lbs. Code Badda. **\$27.50**  
List price, \$55.00. Your Cost .....

Same as above but with special General Motors dash control with es-cutcheon for Chevrolet, Pontiac and Oldsmobile, \$1.50 extra.

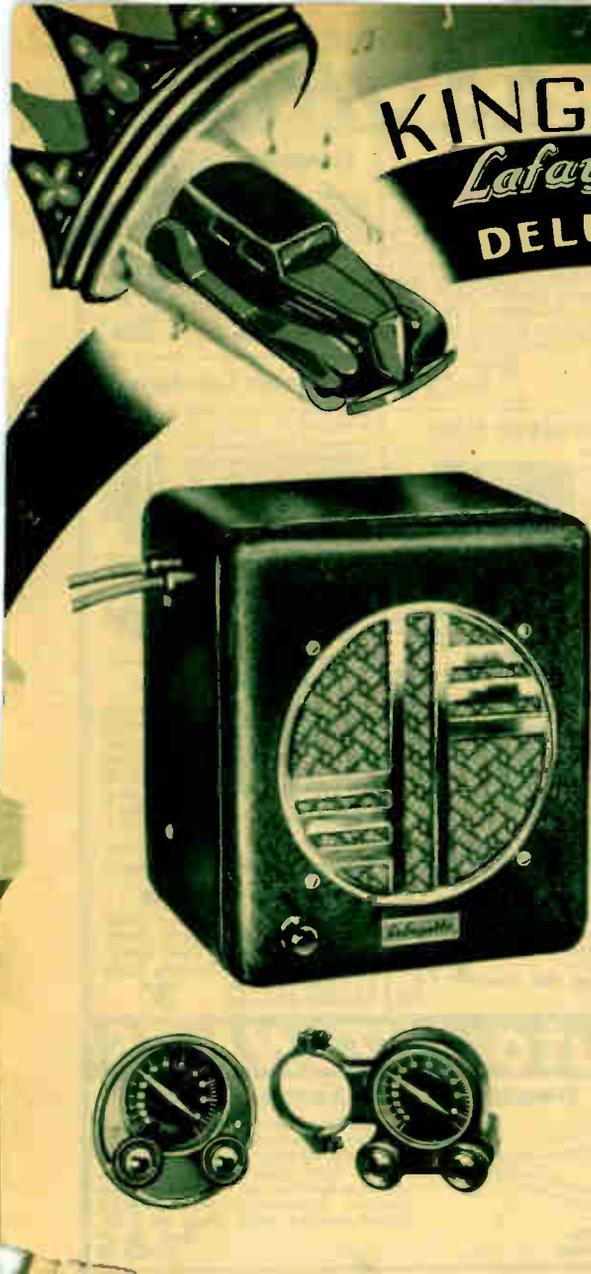
## 5 tube AC SUPERHET 3 BANDS

### A FINE AUXILIARY RADIO FOR THE DEN

Here's an ideal, low priced receiver that has plenty of pep and power. It's just the thing to take on your vacation or for use in that upstairs room or den. Its three tuning ranges cover the wavelengths from 200-560 meters, 66-187 meters and 16-50 meters, so you can reach out and get for eign broadcasts and police calls as well as American broadcast stations. Five latest type tubes are used in a tried and proven circuit of unusual attainments. The tube complement: 1-6A7, 1-6D6, 1-75, 1-42, 1-80. A two yang condenser is used, while a 6" dynamic speaker assures an unusually high degree of tone quality. A handsome cabinet of selected hard woods houses the chassis.

**Model C-25—Lafayette 5 tube 3 Band receiver complete with tubes.** For 110 volts, 60 cycles AC. Dimensions: 12" wide x 8 3/4" deep x 15" high. Shpg. wt. 21 lbs. Code Wafar. List price, \$33.90. **\$16.95**  
Your cost .....

Also available for 220 volts at \$2.00 additional.



# AUTO ACCESSORIES

## Wire Wound Ignition Suppressors



Offer a high resistance to noise frequencies, yet permit ample flow of current for ignition purposes because of their low D.C. resistance (500 ohms). **WMI** not cut down the speed of any car. Housed in bakelite casings. Two types available: for spark plug and for distributor. Shpg. wt. 8 oz.

**YES296**—Spark Plug Type.  
**YES297**—Distributor Type.  
Your Cost Each, **28¢**  
Either Type

## Distributor Silencer

A new and improved type which eliminates high frequency kick-backs and noise pick-up from the ignition coil. Has choke unit mounted inside the metal case, thus eliminating possibility of shorts to car frame. Equipped with three lugs conveniently arranged for mounting. Shpg. wt. 3 lbs.



**YP14217**—Your Cost **49¢**

## FORD V8 Distributor Suppressor

This unit makes it now possible to insert a distributor suppressor in FORD V8 auto installations. Resistor brush replacing regular distributor brush.

**YES293**—Your Cost **18¢**

## New! Ignition Noise Filter Eliminates Individual Suppressors



This filter is designed to replace all resistors, suppressors or filters as used in connection with auto radio installations. The Master Filter is placed in the distributor head only, thus eliminating the necessity for using any type of suppression on the spark plugs. Consists of eight individual coils wound into a master coil, having an A.C. resistance of 420 ohms at 3400 R.P.M. Constructed with solid bakelite housing that will resist heat of 400° and is moisture proof. Will stand up under continuous excessive vibration. Shpg. wt. 8 oz.

**YN14135**—Filter. Your Cost **\$1.50**

## Special Compact Suppressor Kits

These "Trustest" kits employ a new and simplified type of suppressor that will make the work of the auto radio installer much easier. These suppressors will fit any make car without the necessity for cutting any wires. Just unscrew spark plug cap, screw suppressor in its place and clip connecting wire to terminal provided on top of unit. Kits contain one spark plug suppressor for each cylinder and one distributor suppressor.

**YES295**—Four Cylinders. Your Cost **55¢**  
**YES291**—Six Cylinders. Your Cost **79¢**  
**YES292**—Eight Cylinders. Your Cost **\$1.00**  
**YES294**—Special Set of 8 Suppressors for Ford V8. Your Cost **\$1.10**



**YES278**—Single Spark Plug Suppressor. Your Cost Each **12¢**  
**YES279**—Single Distributor Suppressor. Your Cost Each **12¢**  
**YES293**—Special Compact Type for Buick Cars. Your Cost Each **15¢**

## Ford V8 Condenser



With special bracket for installation on generator in Ford V8, or other types, of cars. Fits precisely and saves considerable time in installation. Bypasses generator noise.

**YN14219**—Your Cost **28¢**

## "Sash Cord" Auto Antenna Wire



Consists of 42 strands of No. 27 copper wire wound on a base of heavy cotton. Is flexible. Provides greater pick-up. **YY20668**  
Your Cost Per Foot **1 1/2¢**  
25 ft. Coil **39¢**

## Generator Silencer



Both the generator commutator and cut-out are sources of noise. This noise can be eliminated by using our generator silencer.

**YP14215**—5 mfd. Your Cost Each **19¢**  
**YP14216**—1 mfd. Your Cost Each **25¢**

## Ammeter Condenser

A condenser especially designed to eliminate the noise originating in wiring running from the ammeter—such as the horn wiring, head-light wiring, dashlight wiring, etc. Mounted in metal can equipped with mounting lug that automatically grounds one side of the condenser and with a flexible lead and lug for attaching to the ammeter.



**YN14218**—Your Cost **20¢**

## Dome Light Filter

For eliminating noise originating in the wiring running to the dome light. Has self contained choke and condenser.

**YN14220**—Your Cost **35¢**

## Special "Low Resistance" Auto Radio Fuses

Approx. 25% to 30% lower resistance than standard radio fuses.

**YL12320**—5 Amps. Your Cost **3¢**  
**YL12321**—10 Amps. Ea. Any Type  
**YL12322**—15 Amps.  
**YL12323**—20 Amps.

# AUTO "B" SUPPLY UNITS

## Ford-Majestic "B" Power Supply

The genuine "Majestic." Built for Ford model 40-18805B receiver. Complete pack; contains transformer, vibrator, filter condensers and buffer condensers. Uses 2-6E7's, 1-6A7, 1-6C7, 1-6Y6, and 1-42. Six prong plug connects to chassis. Buffer condensers in metal container mounted on side of casing. All parts rubber cushioned. Quantity limited. Shpg. wt. 8 lbs.

**YP15631**—Your Cost **\$2.95**



## RCA Vibrator

The genuine factory Part No. 7604. Full wave type. Double shielded, noiseless operation. All leads similarly color coded to original. Save time and money.

avoid complications by using this exact replacement when removing defective or worn out M-34 vibrators. Other vibrators listed are also genuine exact replacement units.

**YC2596**—Your Cost Each **\$3.60**  
Vibrator base only with filter condensers, for above. Part No. 6577.  
**YN14154**—Your Cost **47¢**  
Vibrators For M-105 Part No. 7689.  
**YN14155**—Your Cost **\$4.70**  
Vibrators For M-107 Part No. 7780.  
**YN14156**—Your Cost **\$2.98**

## PHILCO Replacement Vibrator

Used in Transitone models—6F, 9F, 5T, 10. In sponge rubber padded cylinder to eliminate noise pick-up. Full wave vibrator with pure silver points. Plug-in four-prong type. Shpg. wt. 2 lbs.

**YN14274**—Your Cost **\$2.79**

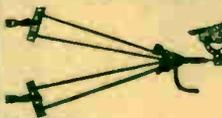
## UTAH "B" Eliminator

For Majestic Model 66 Exact duplicate. Contains transformer, vibrator, filter condenser and 84 rectifier. Heavy metal container.

Complete instructions included. Shpg. wt. 8 lbs.  
**YN14232**—Unit, with tubes. Your Cost **\$5.25**

# Auto ANTENNAS

## Double V Auto Antenna Kit



Designed especially for the new all-steel top auto, although this type is also recommended for other type cars. Increases signal pick-up, and tends to minimize ignition and other noise interference. Installation simplified by spliced shielded wires. Shpg. wt. 4 lbs.

**YR16473**—Your Cost **\$1.35**

## Triangle Auto Antenna



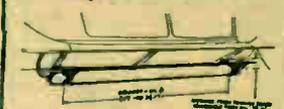
The ideal antenna for use in the new "Turret Top" automobiles. All in sufficient supports have Bakelite mounting. Tension spring and insulating eye-bolt provide the three-division. Furnished with 7 proper lacerated lead-in wire. Full feet of instructions included. Shpg. wt. 4 lbs.

**YQ16**—Your Cost **75¢**

Same as above, but with shielded lead-in wire consisting of No. 16 prong wire with a tightly woven copper shield. **YQ16482**—Your Cost **98¢**

Same as above, but with special 7 millimeter shielded cable for lead-in. **YQ16483**—Your Cost, Each **\$1.10**

## RCA Di-Pole Antenna



The new RCA Noise-Reducer Auto Antenna, in operation, acts as a counterpoise with the car acting as an antenna. The length and height are adjustable as illustrated. Shpg. wt. 3 lbs.

**YY22016**—List Price \$2.60  
Your Cost Each **\$1.55**

## Metal Car Antenna



Two-piece all metal adjustable antenna. 8" wide. Length variable from 3 to 4 feet. Equipped with 2 springs. Rainproof insulation. Shpg. wt. 6 lbs.

**YV22**—Your Cost **\$1.05**

FOUR PILLAR CONSTRUCTION

# RAYTHEON

6 MONTHS GUARANTEE *Tubes* 10% ADDITIONAL DISCOUNT

Raytheon tubes are guaranteed for a period of 6 months from the date of purchase. We will gladly exchange any tube that does not give efficient service within that period—without red tape. Burnouts and broken glass are exceptions.

An additional discount of 10%, deducted from "Your Cost" prices, is available with each purchase of 25 glass tubes or more. Take advantage of this offer to increase your profits by purchasing tubes in quantity, to obtain this discount.

## TUBE DEALS

### All-Wave Oscillator



A modern electron-coupled all-wave oscillator, range 100 KC to 36 Megacycles—all fundamentals. Additional band permits extending range to 70 mc. Accuracy 1% average. Either complete battery or A.C. operation. Free with purchase of 656 tubes in 24 months. Write for complete details.

### R. C. MULTITESTER



A Volt-Chm-Milliammeter employing a D'Arsonval moving coil type meter with sensitivity of 2,000 ohms per volt. Any range is individually available by means of switch. May be obtained by contracting for 279 Raytheon tubes. Write for details.

### DE LUKE MULTITESTER



Has two instruments, A.C. and D.C., in molded case. Extremely accurate and well constructed meters. Will permit volts (both A.C. and D.C.), ohms and milli-amp measurements. Can be obtained free by purchasing 588 Raytheon tubes. Write for complete details.

### FREE!

#### Tube Deals Circular

Contains complete description of various equipment, and details regarding how to obtain same without extra expense. Over 20 Raytheon tube deals offered.

## Standard Glass Types

Type	List Price	Your Cost	Type	List Price	Your Cost
00A	\$1.35	\$.69	37	.75	.58
01A	.65	.33	38	1.00	.51
1A6	1.35	.69	39/44	1.00	.51
1B5/25S	1.35	.69	40	.75	.58
1C6	1.60	.82	41	1.00	.51
1V	1.00	.51	42	1.10	.56
2A3	1.35	.69	43	1.10	.56
2A3-H	1.35	.69	45	.75	.58
2A5	1.10	.56	46	1.10	.56
2A6	1.10	.56	47	1.00	.51
2A7	1.35	.69	48	2.60	1.33
2B7	1.35	.69	49	1.10	.56
5Z3	1.00	.51	50	2.60	1.33
6A3	1.60	.82	52	1.70	.87
6A4/LA	1.35	.69	53	1.35	.69
6A6	1.35	.69	55	1.10	.56
6A7	1.35	.69	56	.75	.58
6B7	1.35	.69	57	1.00	.51
6C6	1.10	.56	58	1.00	.51
6D6	1.00	.51	59	1.35	.69
6E6	1.70	.87	71-A	.75	.58
6F7	1.60	.82	75	1.10	.56
6Z4/84	1.35	.69	76	.75	.58
12A5	2.10	1.07	77	1.10	.56
12A7	2.20	1.13	78	1.10	.56
12Z3	1.10	.56	79	1.35	.69
25Z5	1.10	.56	80	.65	.33
10	2.10	1.07	81	2.10	1.07
12A	.75	.38	82	1.00	.51
15	2.00	1.02	83	1.00	.51
19	1.10	.56	83-V	1.60	.82
20	1.10	.56	85	1.10	.56
22	1.35	.69	89	1.10	.56
24A	1.00	.51	X99	1.10	.56
26	.65	.33	Y99	1.10	.56
27	.75	.38	102B	1.65	.84
30	.75	.38	103	1.65	.84
31	.75	.38	405	1.45	.74
32	1.35	.69	WD-11	1.35	.69
33	1.10	.56	WX-12	1.35	.69
34	1.35	.69	BA	7.50	3.85
35/51	1.00	.51	BH	4.65	2.58
36	1.00	.51	BR	2.75	1.41

## Raytheon Shielded Tubes

### For Majestic Receivers

Type	List Price	Your Cost	Type	List Price	Your Cost
24-S	1.30	.66	25/4S	2.65	1.36
27-S	.80	.41	2Z2/G84	1.85	.95
35-S (51-S)	1.40	.72	6A7-S	2.30	1.18
55-S	1.70	.87	6B7-S	2.10	1.07
56-S	1.30	.66	6F7-S	1.90	.97
57-S	1.75	.90	6C7	1.90	.97
57A-S	1.75	.90	6D7	1.75	.90
58-S	1.75	.90	6E7	1.75	.90
58A-S	1.75	.90	6Y5	1.90	.97
85A-S	1.70	.87	6Z5/12Z5	1.90	.97
2A7-S	2.30	1.18	755	1.70	.87

## All-Metal Tubes

Raytheon offers a complete line of all-metal tubes to the trade. They employ the octal special pin base, and are identical, in all other respects, to those manufactured by other standard tube manufacturers. All Raytheon tubes are licensed by RCA, and the same sturdy construction which has typified the glass tubes—will be found in these types. Orders filled only when tubes are available.

Type	List Price	Your Cost
5Z4	\$2.00	\$1.18
6A8	2.00	1.18
6C5	1.50	.88
6F5	1.75	1.03
6F6	1.75	1.03
6H6	1.50	.88
6J7	1.75	1.03
6K7	1.75	1.03
6L7	2.00	1.18

## Metal-Glass Types

To complete the line of tubes offered to the radio trade, tubes of metal-glass construction are also available. The structure of these tubes is such that the same benefits and advantages are obtained, as may be expected, from all-metal types. They conform, in characteristics and prong bases, to the all-metal tubes.

Type	List Price	Your Cost
6A8G	\$1.70	\$.91
6F4G	1.40	.74
5Y3G	1.00	.52
4C5G	1.30	.71
4D5G	1.50	.79
6H6G	1.40	.74
6J7G	1.40	.74
6K7G	1.40	.74
6F5G	1.40	.74
6L7G	1.70	.91

## RAYTHEON

### "Tube Talks"

Tube TALKS

FREE With Purchase of 20 Tubes or Your Cost

50c

Contains valuable data on set servicing, tube layouts for various manufactured sets, helpful merchandising hints, etc. Loose-leaf binder type with provision for future insertions. Free with purchase of 20 tubes.

# Lafayette



# RADIO TUBES

*Sealed and  
Tested for  
Your Protection*



**6 MONTHS  
GUARANTEE  
ON ALL TUBES**

FIRST, we guarantee every receiving tube sold for a period of 6 months—not 90 days, but a full six months. IF ANY TUBE SOLD BY US SHOULD FAIL DURING SIX MONTHS IT WILL BE CHEERFULLY REPLACED WITHOUT CHARGE—burn-outs and breakages are the ONLY exception. To the best of our knowledge, this is the most liberal tube guarantee in the country.

Second, we make this guarantee possible by testing every tube before it is shipped out. We maintain an elaborate testing laboratory, equipped with every modern testing device available. SHOULD TUBE PRICES DECREASE OR INCREASE AFTER THIS CATALOG IS PUBLISHED OUR PRICES WILL CHANGE ACCORDINGLY. It pays to buy from Wholesale Radio Service!

Type Number	Your Cost	Type Number	Your Cost	Type Number	Your Cost
<b>01A</b> List 65c	<b>28c</b>	<b>22</b> List \$1.35	<b>62c</b>	<b>53</b> List \$1.35	<b>62c</b>
<b>1A6</b> List \$1.35	<b>62c</b>	<b>24</b> List \$1.00	<b>45c</b>	<b>55</b> List \$1.10	<b>49c</b>
<b>1C6</b> List \$1.60	<b>75c</b>	<b>25Z5</b> List \$1.10	<b>49c</b>	<b>56</b> List 80c	<b>34c</b>
<b>IV</b> List \$1.00	<b>45c</b>	<b>26</b> List 75c	<b>28c</b>	<b>57</b> List \$1.00	<b>45c</b>
<b>2A3</b> List \$1.35	<b>62c</b>	<b>27</b> List 80c	<b>34c</b>	<b>58</b> List \$1.00	<b>45c</b>
<b>2A5</b> List \$1.10	<b>49c</b>	<b>30</b> List 80c	<b>34c</b>	<b>59</b> List \$1.35	<b>62c</b>
<b>2A6</b> List \$1.10	<b>49c</b>	<b>31</b> List 80c	<b>34c</b>	<b>71A</b> List 80c	<b>34c</b>
<b>2A7</b> List \$1.35	<b>62c</b>	<b>32</b> List \$1.35	<b>63c</b>	<b>75</b> List \$1.10	<b>49c</b>
<b>2B6</b> List \$2.50	<b>*1.20</b>	<b>33</b> List \$1.10	<b>49c</b>	<b>76</b> List 80c	<b>34c</b>
<b>2B7</b> List \$1.35	<b>62c</b>	<b>34</b> List \$1.35	<b>62c</b>	<b>77</b> List \$1.10	<b>49c</b>
<b>5Z3</b> List \$1.00	<b>45c</b>	<b>35</b> List \$1.00	<b>45c</b>	<b>78</b> List \$1.10	<b>49c</b>
<b>6C6</b> List \$1.10	<b>49c</b>	<b>36</b> List \$1.00	<b>45c</b>	<b>79</b> List \$1.35	<b>62c</b>
<b>6D6</b> List \$1.00	<b>45c</b>	<b>37</b> List 80c	<b>34c</b>	<b>80</b> List 70c	<b>29c</b>
<b>6A4</b> List \$1.35	<b>62c</b>	<b>38</b> List \$1.00	<b>45c</b>	<b>81</b> List \$2.10	<b>99c</b>
<b>6A6</b> List \$1.35	<b>62c</b>	<b>39</b> List \$1.00	<b>45c</b>	<b>82</b> List \$1.00	<b>45c</b>
<b>6A7</b> List \$1.35	<b>62c</b>	<b>41</b> List \$1.00	<b>45c</b>	<b>83</b> List \$1.00	<b>45c</b>
<b>6B5</b> List \$2.25	<b>*1.05</b>	<b>42</b> List \$1.10	<b>49c</b>	<b>83V</b> List \$1.60	<b>75c</b>
<b>6B7</b> List \$1.35	<b>62c</b>	<b>43</b> List \$1.10	<b>49c</b>	<b>84</b> List \$1.35	<b>62c</b>
<b>*6F7</b> List \$1.60	<b>75c</b>	<b>44</b> List \$1.00	<b>45c</b>	<b>85</b> List \$1.10	<b>49c</b>
<b>10</b> List \$2.10	<b>99c</b>	<b>45</b> List 80c	<b>34c</b>	<b>89</b> List \$1.10	<b>49c</b>
<b>12A</b> List 75c	<b>34c</b>	<b>46</b> List \$1.10	<b>49c</b>	<b>V99</b> List \$1.10	<b>49c</b>
<b>12A5</b> List \$2.20	<b>93c</b>	<b>47</b> List \$1.00	<b>45c</b>	<b>X99</b> List \$1.10	<b>49c</b>
<b>*12A7</b> List \$2.30	<b>99c</b>	<b>48</b> List \$2.60	<b>*1.25</b>	<b>182B</b> List \$1.65	<b>80c</b>
<b>12Z3</b> List \$1.10	<b>49c</b>	<b>49</b> List \$1.10	<b>49c</b>	<b>183</b> List \$1.75	<b>80c</b>
<b>19</b> List \$1.10	<b>49c</b>	<b>50</b> List \$2.60	<b>*1.25</b>	<b>484</b> Superseded by type 485 listed below	
		<b>51</b> List \$1.00	<b>45c</b>	<b>485</b> List \$1.45	<b>75c</b>

\*These highly specialised tubes in the Kadette Junior

# An Ounce of Testimony Is Worth a Ton of Praise

April 6, 1934

Wholesale Radio Service Co., Inc.  
100 Sixth Avenue  
New York City

I have had such splendid service from you over the past three years that I have come to believe your word is Gospel and your catalog the Bible. I wish to thank you for the several occasions in which you sent goods C.O.D. or my wired request, and in every particular your service, goods and prices have been more than satisfactory.

Very truly yours,  
R.O. Sollinger  
Port Arthur News  
Port Arthur, Texas

February 16, 1935

Wholesale Radio Service Co., Inc.  
100 Sixth Avenue  
New York City

I received, on February 6th, the radio I ordered from you recently. It is much better than I expected, and I am very pleased with it. Everyone who has seen it has immediately decided to buy one too. Wholesale has always given me good merchandise and quick service and I'll certainly recommend Wholesale to anyone. Thanking you for your quick service, I am

G.O. Price, Jr.  
279 Newman Avenue  
Harrisonburg, Va.

March 30, 1935

Wholesale Radio Service Co., Inc.  
100 Sixth Avenue  
New York City

Recently I ordered from your Atlanta branch, while at the University of Va., a Model A M-44 Lafayette 10 tube All-Wave receiver. The receiver lives up to all my expectations, and even surpasses them. It can receive the Daventry stations anytime that they are broadcasting. Moscow and Russia also come in very good.

I believe that you have without doubt the best mail order house in the East and therefore I give you permission to print all or portions of this letter as you desire.

Very truly yours,  
Maurice L. Wheeler  
304 Caldwell Ave.  
Elmira, New York

## SEAL OF VERIFICATION

**T**HIS is to certify that all letters shown on this page are taken in whole or part from actual, unsolicited letters now on public file at our office. They represent only a very small part of the many thousands of enthusiastic letters received from our customers during the fifteen years of our existence.

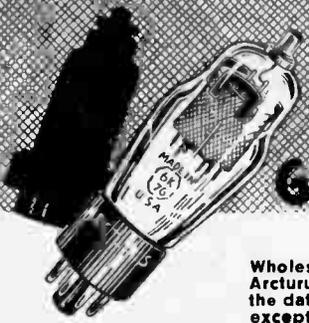


## WHAT MORE CAN WE SAY?

*We Will Not Knowingly Be Undersold*

# ARCTURUS

## GLASS EQUIVALENT OF ALL METAL TUBES



### GUARANTEE

Wholesale Radio Service guarantees every Arcturus tube for a period of six months from the date of purchase (burnouts and breakages excepted). We believe this to be the most

liberal guarantee ever offered. Should manufacturers reduce or increase prices after this catalog is out, our prices will change accordingly.

### ALL-GLASS TYPES

TYPE	LIST PRICE	YOUR COST	TYPE	LIST PRICE	YOUR COST	TYPE	LIST PRICE	YOUR COST	TYPE	LIST PRICE	YOUR COST
01A	\$.70	\$.34	25Z5	\$1.10	\$.57	55	\$1.10	\$.57	PZ	\$1.00	\$.51
1A6	1.35	.72	26	.70	.34	56	.80	.39	PZH	1.60	.85
1C6	1.60	.85	27	.80	.39	57	1.00	.51	482B	1.65	.87
2A3	1.35	.72	30	.80	.39	58	1.00	.51	483	1.65	.87
2A5	1.10	.57	31	.80	.39	59	1.35	.72	485	1.45	.76
2A6	1.10	.57	32	1.35	.72	71A	.80	.39	<b>WUNDERLICH TYPES</b>		
2A7	1.35	.72	33	1.10	.57	75	1.10	.57			
2B7	1.35	.72	34	1.35	.72	76	.80	.39	Wunderlich A	3.00	1.58
5Z3	1.00	.51	35 (use 51)		.51	77	1.10	.57	Wunderlich		
6A6	1.35	.72	36A	1.00	.51	78	1.10	.57	Automotive A	3.00	1.58
6A7	1.35	.72	37A	.80	.39	79	1.35	.72	<b>ARCTURUS</b>		
6B7	1.35	.72	38A	1.00	.51	80	.70	.34			
6C6	1.10	.57	39-44	1.00	.51	81	2.10	1.14	When ordering these Tubes, specify 15 Volts		
6D6	1.00	.51	41	1.00	.51	82	1.00	.51			
6F7	1.60	.86	42	1.10	.57	83	1.00	.51	22	\$7.50	\$3.96
10	2.10	1.14	43	1.10	.57	84	1.35	.72	26	4.50	2.38
12A	.80	.39	44 (use 39-44)		.51	85	1.10	.57	30	4.50	2.38
12A7	2.20	1.17	45	.80	.39	89	1.10	.57	32	4.50	2.38
12Z3	1.10	.57	46	1.10	.57	99UV	1.10	.57	30	4.50	2.38
12Z5	1.50	.79	47 (use PZ)	1.00	.51	99UX	1.10	.57	40 (SO1)	6.00	3.17
19	1.10	.57	50	2.60	1.42	AF	1.80	.95	48 (RA1)	4.50	2.38
22	1.35	.72	51	1.00	.51	AG	2.05	1.09			
24	1.00	.51	53	1.35	.72	GA	2.75	1.46			

### ARCTURUS "G" LINE—Glass Equivalent to All-Metal Tubes

ARCTURUS has developed a glass counterpart of the metal tube which is identical in electrical characteristics and pin connections to the all-metal types. This line is designated as the "G" series, and possesses all of the advantages of the new tubes. They are positively interchangeable with the all-metal tubes, and type numbers correspond, excepting the 5Y3 which is a counterpart of the 5Z4.

TYPE	LIST PRICE	YOUR COST	TYPE	LIST PRICE	YOUR COST
5Y3	\$1.00	\$.52	6H6G	\$1.40	\$.74
6A8G	1.70	.91	6J7G	1.40	.74
6C5G	1.30	.71	6K7G	1.40	.74
6F5G	1.40	.74	6L7G	1.70	.91
6F6G	1.40	.74			

### NEON TUNING LAMPS



Used as standard equipment by Fada, Atwater-Kent, Clarion, etc. Double contact units made for replacement in Fada late models and in Atwater-Kent receivers; four contact tubes made expressly for use in Clarion Model 480. Can be used to modernize sets not equipped with tuning indicators. All perfectly sealed. Will give long and satisfactory service. Shpg. wt. 1 lb.

YW12272 — Double Contact. Your Cost. **38c**  
 YW12275 — Four Contact. Your Cost. **\$1.25**  
 Each.....

### TRIAD Metal Shielded Tubes

THESE tubes comprise a new line known as the "MG" series. The tubes in this series are non-breakable, fully shielded by metal, and in which a newly developed glass is used for maintaining the vacuum. The new standard octal bases are employed throughout. They are fully interchangeable with existing all-metal types. In addition, four more types, in metal-glass, are offered for AC-DC use.

### EXCITER LAMPS

For Theatre  
Sound-on-Film Equipment



Designed and engineered by one of the pioneers in the field, these lamps are scientifically constructed to give long and satisfactory service.

Type	Volts	Amps.
854	8.5	4.0
105	10	5.0
107	10	7.5

(Base: S.C. Bayonet)

Your Cost, Each **50c**  
 Any Type.....

### GENUINE KELLOGG TUBES



The original overhead heater type tubes. For use on alternating current. Used in the old model Sonora receiver and others. All brand new and guaranteed.

Type 401—List \$4.00. Your Cost **\$2.33**  
 Type 403—List price \$5.00. Your Cost. **\$2.94**

TYPE	DESCRIPTION	LIST PRICE	YOUR COST
6A8	Pentagrid Converter	\$2.00	\$.98
6C5	Det., Amplifier Triode	1.50	.73
6D5	Triple Grid Super Control Ampl.	1.75	.85
6F5	Hi-Mu Triode	1.75	.85
6F6	Power Amplifier Pentode	1.75	.85
6H6	Twin Diode	1.50	.73
6J7	Triple Grid Det., Amplifier	1.75	.85
6K7	Triple Grid Super Control Amp.	1.75	.85
6L7	Pentagrid Mixer Amplifier	2.00	.98
5Z4	Full-Wave Rectifier	2.00	.98
25Z5MG	Same as old tube; Metal-glass	1.75	.85
43MG	Same as old tube; Metal-glass	1.75	.85
50A2MG	AC-DC Ballast. 50 volt drop	1.50	.69
50B2MG	AC-DC Ballast. 50 volt drop	1.50	.69

### TRIAD-6B5—POWER AMPLIFIER TUBE

A recently developed power amplifier tube, somewhat similar to the 2B6, but for 6.3 volt filament operation. Combines the advantages of Class A and Class B operation in one tube. Will deliver 10 watts power in push-pull, when operated with specified plate voltages and zero grid bias. With 400 V. on plate, in P.P., 20 W. of power with only 5% distortion is obtainable.

YOUR COST, SPECIAL **\$1.05**

### TRIAD-2B6—POWER AMPLIFIER TUBE

Popularly used in many small amplifiers. Novel construction permits the attainment of as high as 6 watts output from a single tube. With 400 volts, plate, on a pair of these tubes in push-pull, as high as 18 watts is obtainable. 2.5 V. filament is used in this tube. Circuit use for this tube and complete characteristics has been described in many magazines.

YOUR COST **\$1.22**

**We Will Not Knowingly Be Undersold**

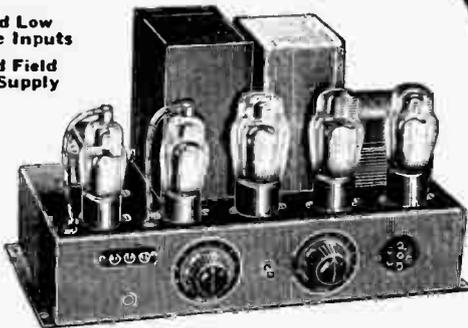
# AUBURN for QUALITY at Low Cost

AUBURN'S reputation for quality merchandise at exceptionally low prices has never been equaled. Now Auburn enters the public address field with three new sensational amplifier values. Each of these new amplifiers fills a definite need in this field and for the first time makes possible the purchase of reliable equipment at ridiculously low prices.

## RELIABLE Economical SOUND-SYSTEMS AUBURN AMPLIFIERS

**AUBURN MASTER!**  
AN INCOMPARABLE VALUE!

High and Low Impedance Inputs  
Mike and Field Current Supply



Never before such an amazing value as this! The new Auburn MASTER incorporates many features found only in the highest priced amplifiers. Both high and low impedance inputs available. Symmetrically wound double button mike transformer. Mike current supply built-in. Volume and Tone controls. Field supply for one 1000 ohm 10 watt or two 2000 ohm 5 watt fields. Gain 74 db. Peak output 14 watts.

### PUSH-PULL PENTODE OUTPUT

Tubes used include: one 2A6 as voltage amplifier, one 2A6 as phase inverter, two 2A5's in push-pull and one 83 as rectifier. Output load impedance required, 14,000 ohms plate-to-plate. Frequency response exceptionally good. Dimensions: 15x8½x8" deep. Shpg. wt. 19 lbs.

YP15861—Auburn 10 watt Amplifier less tubes.  
Code AMRET. **\$12.50**  
Your Cost  
Kit of Tubes.....\$2.84

### The Amplifier Sensation of 1936

YM13384—Matched double-button carbon microphone. Shpg. wt. 5 lbs.  
With 12 ft. Cable **\$4.55**  
Your Cost

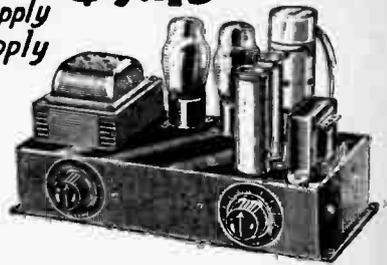
YM13428—Floor Stand. Shpg. wt. 17 lbs. **Your Cost \$4.85**

YW19126—Matched 8" Dynamic Speaker equipped with transformer. Shpg. wt. 8 lbs. **\$3.75**  
Your Cost

# AUBURN UTILITY ALL-PURPOSE 3½ WATT AMPLIFIER

- Peak Output 5watts **\$9.45**
- Speaker Field Supply
- Mike Current Supply

An excellent compact amplifier that can be used for public address work, phonopick-up amplification, etc. So constructed that the speaker can be mounted on the amplifier chassis, thus making a single compact unit that can easily be mounted into a cabinet. Controls on front, terminals on back.



### MANY VALUABLE FEATURES

Incorporates volume and tone controls. Low and high impedance inputs. Symmetrically wound double button mike transformer. Uses 1-57, 1-2A5, 1-83. Gain 76 db. Field supply for one 2500 ohm field. Only parts required to complete system—mike, stand, cable and speaker. Dimensions: 14x7x6½" deep. Shpg. wt. 12 lbs.

YP15860—3½ Watt Amplifier less tubes. **\$9.45**  
Code AMSES—Your Cost

Kit of Tubes.....\$1.60  
YW19128—Speaker with matching transformer.  
Your Cost **\$3.75**

YN13589—Double button mike **\$3.95**  
Your Cost

YN13540—Desk Stand **\$1.45**  
Your Cost

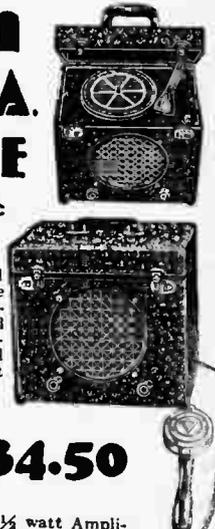
YM16132—12 ft. Mike Cable. **60¢**  
Your Cost



# AUBURN PHONO-P.A. PORTABLE

A Combined Electric Phonograph and P.A. System

Completely self-contained in a compact leatherette covered carrying case. Extremely light in weight. Will play both 10" and 12" records. Excellent tone and volume—a mighty midget for general P.A. work.



Complete with Tubes **\$34.50**

Incorporates the Auburn 3½ watt Amplifier described above. Includes changeover switch for phono-to-mike, volume and tone controls, mike current supply, and a large 8" dynamic speaker. Constant speed, felt covered turntable and pickup for record reproduction mounted in top of cabinet. Removable cover. Strong plywood case, leatherette covered. Leather handle. Nickeled hardware. Case dimensions 12¾" by 8¾" by 12" high. Microphone jack on amplifier permits quick, easy connection and disconnection of microphone. Speaker protected by attractive steel screen. This powerful little unit can be set up ready for operation in a few minutes. Shpg. wt. 22 lbs. Net wt. 15 lbs.

YP15862—Auburn Phono-P.A. Portable complete with tubes, ready for operation, less mike. Code AMLOB.  
Your Cost **\$34.50**

YM13587—Hand Mike Double Button. **\$7.95**  
Your Cost

# We Want SALES-- These Prices Prove It!

## Special Bargain 2-Watt Carbon Resistors



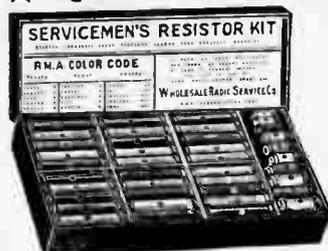
All RMA color coded. Offered at a price far below the present market. Every serviceman should avail himself of this opportunity by purchasing a complete stock now. Only sizes shown in listing are available. **Quantities limited.**

Res. Ohms	Res. Ohms	Res. Ohms	Res. Ohms
500	4500	20000	75000
750	6500	25000	80000
1000	9000	30000	100000
2000	10000	40000	
2500	15000	50000	
3000	17000	60000	

**YE5245—**  
Your Cost, Any Size

**5¢**

## ★ Special Carbon Resistor Kit ★



7x3 1/4 x 1 1/4". Shpg. wt. 2 1/4 lbs.  
**YE5277—**  
Your Cost, Special

### 100 Resistors

Another Wholesale Radio Service Company scoop. Just what the serviceman needs. This kit contains an assortment of 100 carbon resistors, 25 assorted 1/2 and 3/4 watt sizes and 75 one watt sizes. Values range from 100 ohms to 10 meg-ohms. All color coded according to RMA specifications. In cardboard box with color code chart imprinted in cover. Size

**\$2.75**

## RMA Color Coded Carbon Resistors



These resistors are offered at a price far below the market. Specify stock number of type and resistance desired. Available in 1/2 and 1 watt sizes listed below.

Ohms	Ohms	Ohms	Ohms
100	2000	20000	300000
150	2500	25000	400000
200	3000	30000	500000
250	5000	35000	750000
500	6000	50000	1 Meg.
600	7500	75000	1 1/4 Meg.
750	10000	100000	2 Meg.
900	12000	150000	2 1/2 Meg.
1000	13000	200000	3 Meg.
1500	15000	250000	5 Meg.

**YE5239—** 1/2 Watt Type  
**YE5240—** 1 Watt Type  
Your Cost, Either Type  
100 for

**3¢**  
**\$2.50**

## G.M. Voltage Divider

For chassis  
120, 130,  
140, 150,  
160. 5200  
ohms tapped at 460-2000-1700-  
240-800 ohms. Part No.  
**YX20393—** 1201395  
Your Cost Each



**5¢**

**29¢**

## AMPLEX Grid-Denser

Variable .0005  
mf. mica-dielectric  
condenser. Good for Ant.  
trimmer or pad-  
der condenser. Shpg. wt. 1 lb.  
**YH9738—**  
Your Cost



**9¢**



## Bargain Closeout on REPLACEMENT VOLTAGE DIVIDERS



### Manufacturer's Type

Although originally designed for use in standard receivers made by famous manufacturers, these units may be used for general replacement parts. All conservatively rated. Priced for immediate clearance.

**Quantities limited.**  
Your Cost Each

**19¢**

Stock No.	Total Resis.	Watts	Taps
<b>YX20444</b>	8195	75	1690-205-2140-3750-410
<b>YX20445</b>	3940	75	1600-1900-440
<b>YX20446</b>	1290	40	400-350-350-190
<b>YX20447</b>	2250	50	No Taps
<b>YX20513</b>	465	50	375-90
<b>YX20540</b>	7120	75	840-60-220-3000-3000
<b>YX20561</b>	26000	75	17400-8600

Stock No.	Total Resis.	Watts	Taps
<b>YX20562</b>	6000	75	4200-380-1420
<b>YX20564</b>	2580	75	500-0-1460-540-0-80
<b>YX20565</b>	2080	85	1460-540-0-80
<b>YX20566</b>	7780	75	1280-4000-300-2200
<b>YX20567</b>	2940	75	1500-1000-130-60
<b>YX20705</b>	4920	50	4920

## Genuine A.K. Condensers

Stock No.	A.K. No.	Part No.
<b>YB1427</b>	15262	H5
<b>YB1425</b>	15263	H2, B2
<b>YB1431</b>	16461	H6
<b>YB1432</b>	16828	B5
<b>YB1433</b>	15158	
<b>YB1436</b>	21430	H39
<b>YB1437</b>	16318	B4
<b>YB1438</b>	16233	H4, H10
<b>YB1439</b>	15780	H17
<b>YB1440</b>	21180	H38
<b>YB1441</b>	15640	H16

Your Cost Each  
Any Type

**5¢**

## SPECIAL! Tubular By-Pass Condensers

An unprecedented offer of popular types of tubular by-pass condensers at new low prices. All conservatively rated and of standard manufacture. Finest quality foil and condenser paper used in their construction. All wax impregnated and sealed. Have wire leads for connections. All marked as to rated capacity. **Quantities limited; order a supply while they are available.**

Stock No.	Cap'y Mfd.	Wkg. Volts	Your Cost
<b>YD3656</b>	.01	200	<b>3¢</b>
<b>YD3657</b>	.02	200	<b>3¢</b>
<b>YD3658</b>	.05	400	<b>4¢</b>
<b>YD3660</b>	.12	400	<b>4¢</b>

Stock No.	Cap'y Mfd.	Wkg. Volts	Your Cost
<b>YD3664</b>	.01-.01	400	<b>7¢</b>
<b>YD3665</b>	.02-.0001	400	<b>5¢</b>
<b>YD3666</b>	.02-.04	400	<b>5¢</b>

## Tubular Condenser Kit

Contains 25 tubular condensers, manufactured by a famous condenser manufacturer. No "fluke" capacities or voltages. Range from 200 to 600 volts D.C. working voltage, from .0005 to .1 mfd. Shpg. wt. 3 lbs.  
**YD3258—**  
Your Cost



**86¢**

## Electrolytics at BARGAIN PRICES!



Standard units of highest quality. Cardboard containers with leads for connections. All conform with RMA ratings. **Only a limited quantity; order some now.**

Stock No.	Cap'y Mfd.	Wkg. Volts	Your Cost
<b>YD3592</b>	12	150	<b>23¢</b>
<b>YD3593</b>	24	150	
<b>YD3594</b>	16	250	
<b>YD3595</b>	4	300	<b>19¢</b>

**Dual 8 Mfd. 450 V.**  
Tubular type units housed in drawn aluminum shells 5" high, 1 1/4" in diameter. Made by one of the most reputable manufacturers. Conservatively rated at 500 volts peak. Can negative. High grade first quality units. Efficient for all types of replacement.  
**YD3596—**  
Your Cost Each



**39¢**

## Dual Section Unit 4Mfd.450V. 4Mfd.150V.



In cardboard container with lug terminals. Common negative. Size 3 1/2 x 1 1/2 x 1 1/2"; mtg. flange centers 4 1/2". Ideal for use by the set builder or for replacement work, 4-4 mfd., 450-150 volts.  
**YD2863—** Your Cost

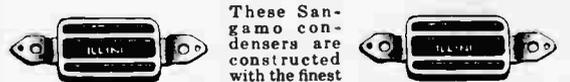
**24¢**

## Dual 4 Mfd. 450 V. Electrolytic

A special offer of these 4-4 mfd. 450 volt condensers. 500 volt peak. In cardboard container with flanges for mounting. Size 4 1/2 x 1 1/2 x 1 1/2"; mtg. centers 4 3/8". Common terminal positive.  
**YD3397—**  
Your Cost

**29¢**

## SANGAMO "ILLINI" Mica Condensers



These Sangamo condensers are constructed with the finest ruby mica, and are housed in moulded bakelite cases. All units have capacities marked on them.

Stock No.	Cap'y Mfd.	Your Cost	Stock No.	Cap'y Mfd.	Your Cost
<b>YD4176</b>	.001	<b>5¢</b>	<b>YD4182</b>	.00025	<b>4¢</b>
<b>YD4171</b>	.003		<b>YD4173</b>	.0005	
<b>YD4170</b>	.000125	<b>3¢</b>	<b>YD4180</b>	.00005	<b>2¢</b>
<b>YD4172</b>	.00045		<b>YD4174</b>	.0009	
			<b>YD4175</b>	.00002	

**SPECIAL KIT—12 UNITS**  
Contains the following:  
4—.001 1—.00045 1—.00002  
1—.003 1—.0005 1—.00005  
2—.000125 1—.0009  
**YD4166—Kit of 12**  
Your Cost, Special

**35¢**

**SPECIAL KIT—50 UNITS**  
Contains the following:  
8—.001 5—.00045 5—.00002  
5—.003 8—.0005 6—.00005  
8—.000125 5—.0009  
**YD4168—Kit of 50**  
Your Cost, Special

**\$1.25**

**SPECIAL KIT—25 UNITS**  
Contains the following:  
6—.001 2—.00045 2—.00002  
4—.003 2—.0005 3—.00005  
4—.000125 2—.0009  
**YD4167—Kit of 25**  
Your Cost, Special

**69¢**

**SPECIAL KIT—100 UNITS**  
Contains the following:  
24—.001 8—.00045 10—.00002  
12—.003 10—.0005 12—.00005  
16—.000125 8—.0009  
**YD4169—Kit of 100**  
Your Cost, Special

**\$2.40**

# Last Minute SPECIALS

## Special A.C. Dynamic Speaker



Cone diameter 8". Uses 80 rectifier. Well filtered. Provided with output transformer to match P.P. 45's, 50's or 71A's. Cadmium plated steel chassis and frame. Shpg. wt. 16 lbs. **Less Tube.**  
**YW19392—Your Cost, Special... \$4.75**



## ★Quantity Limited★ Special Radio Tubes At New Low Prices!

(Licensed by RCA)

All brand new, packed in factory cartons. All guaranteed for 30 days—burnouts and broken glass excepted. All popular types.

Type	Type	Type	Each	Type	Type	Type	Each
01A	31	56	19 <sup>c</sup>	38	76	1273	29 <sup>c</sup>
26	45	80	29 <sup>c</sup>	39/44	77	2525	39 <sup>c</sup>
27				41			
12A	42	78	29 <sup>c</sup>	82	84	2A7	49 <sup>c</sup>
19	43	82		34	85	6A4	
24A	46	83	49	89	6A6		
30	47	2A5	53	X99	6A7		
33	57	2A6	55	1A6	2B7		
35	58	6C6	79	2A3	6B7		
36	71A	6D6	22	59	1C6		
37	75	5Z3	48	83V	6P7		



## H. and H. Two-Circuit Rotary Switch



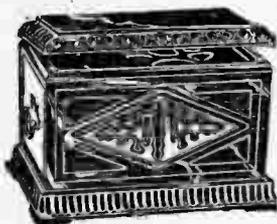
First snap makes one circuit, second snap makes second circuit and third snap is off position. Dia. of base 3 1/2". Rated 20 a.m.p.s., 250 volts. Shpg. wt. 2 lbs.  
**YM12820—Your Cost, Special... 24<sup>c</sup>**

## Special Tube Shield



Heavy metal, copper-plated. In three pieces; top, base and barrel. Size 5x2 1/2" dia. Shpg. wt. 1 lb.  
**YM13261—Your Cost Each... 5<sup>c</sup>**  
**Per Dozen... 50c**

## Treasure Chest Cabinet



Built of fine quality walnut veneer with rubbed finish. Carved front, top and sides. Panel drilled for all receiver controls (dial, volume control and selector). Has opening for grille cloth. Size 13 1/2 x 8 3/4 x 10 3/4", lid closed. Inside dimensions 12 x 7 1/2 x 7 1/2". Shpg. wt. 16 lbs.  
**YY19366—Your Cost... \$1.49**

## ★ Genuine MAJESTIC Tubes at Tremendous Savings QUANTITIES LIMITED ★



These genuine Majestic tubes are being offered at a price far below the standard. All are brand new, in factory cartons, and are guaranteed for a period of 90 days (burnouts and broken glass excepted). Order enough to fill your requirements before our limited supply is gone.

Type	Type	Type	Your Cost	Any Type
4S	6D7S	55S	Special	49 <sup>c</sup> Each
2A6S	6C7	58S		
6B7	6Z5	85S		

## Remote Control Cables

These cables, manufactured by the S. S. White Co., are the finest obtainable. Used by many well known set manufacturers as standard equipment on their auto sets. Ends cannot unravel. Both ends terminate in brass couplings 1/2" in diameter. Six sizes available. Shpg. wt. 8 lbs.

Stock No.	Lgth. Ins.	Your Cost	Stock No.	Lgth. Ins.	Your Cost
YN14194	14	\$0.19	YN14197	38	\$0.49
YN14195	20	.25	YN14198	47	.59



## ★ Special ★ 5" Magnetic Speaker



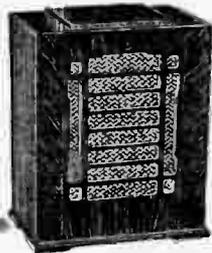
For replacement in A.C.—D.C. or compact receivers. Very sensitive and pleasing tone when properly baffled. Rugged construction, corrugated type cone for improving response. Frame cadmium plated. Shpg. wt. 3 lbs.  
**YW19230—Your Cost... 89<sup>c</sup>**

## RCA Remote Control Relay



The genuine RCA part used in models R-86R, RAE-59, RAE-68, RAE-79, etc. Operates from 10 to 14 volts A.C. or D.C. on the contacts. Voltage can be applied only momentarily. Will carry up to 1 ampere  
**YN14624—Your Cost... 95<sup>c</sup>**

## SPEAKER CABINET For Speakers up to 12"



A beautiful cabinet of grained hardwoods blended in a modernistic finished design. Front of two-toned maple veneer and sides of straight grained walnut veneer. Top has overlay of black ebony finished wood. Opening for speaker covered by a dull gold cloth. Provided with felt pads. Will take any speaker chassis up to 12". Baffle has 10" diameter hole. Size 17x13x9 1/2". Good for extension speakers and public address installations. Shpg. wt. 20 lbs.  
**YY19567—Your Cost... \$3.75**

## NEW RACO



cracked metal case, dim. 10x6x5 1/2". and full instructions. Shpg. wt. 8 1/2 lbs.  
**YJ10454—Your Cost, Special... \$15.60**

## All-Wave Direct-Reading Oscillator 54 to 17,000 K.C.—All Fundamentals

A wonderful buy, for servicemen and constructors, in an oscillator with the following features: Full Attenuation Control, Universal A.C. or D.C. operation, Constant Frequency Modulation—or Unmodulated Signal if desired, Direct Reading Calibration, 1% Accuracy, 5 Bands—Continuous Coverage. Modern construction—black case.

## Your Last Chance to Buy a Genuine RCA-VICTOR Remote Control

Only a few left. This control automatically tunes your receiver to any desired station merely at the touch of a button on the remote control box. It will turn the set on or off, increase or decrease volume and pick out any one of six different stations quickly and easily. Engineered and built by the Westinghouse Co. Unit comes complete with control box and 25 feet of cable. Additional cable,

up to 60 feet, may be added. Servicemen can realize a nice profit by selling and installing these RCA Remote Units. Packed in original factory cartons with full instructions. For sets with horizontal variable condensers. Shpg. wt. 20 lbs.  
**YY19425—Your Cost Each, Special... \$7.50**

### Remote Control Motor

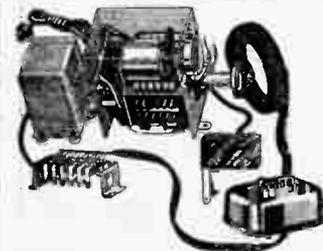
Same motor as used in above described Remote Control. Has multitude of uses.  
**YP15290—Your Cost Special... \$3.50**

### Remote Control Box and Cable Only

Can be used as an additional remote control unit or as a replacement. Comes with 25 feet of special cable. Complete with log strip. Shpg. wt. 5 lbs.  
**YY19744—Your Cost, Special... \$1.95**

### Transformer and Capacitor Pack

For above Remote Control. Contains transformer, capacitor and tapped choke. Transformer primary 110 volts, 60 cycles A.C.; secondary 23 volts A.C. Shpg. wt. 6 lbs.  
**YE5530—Your Cost... 95<sup>c</sup>**



### Contact Points

Phosphor bronze contacts for remote assembly. Complete with screws.  
**YP15264—Your Cost Each... 5<sup>c</sup>**

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# W.R.S. Co. **Bargains** QUANTITY LIMITED

### GILBERT Toy Motor

**Operates on A.C. or D.C.**



Operates on 15 volts either A.C. or batteries. Can be made to turn in either direction. Frame is connected to one side of the voltage supply, and one of two leads to the other according to the direction (clockwise or counter-clockwise) desired. Shpg. wt. 1 lb. **Quantity limited.**  
**Y517323—**  
**Your Cost, Special . . . 35¢**

### Dial Scale Assortment



Just the thing for the serviceman. Consists of an assortment of fan type scales, drum type scales, etc., in all sizes and colors. You can't go wrong at this ridiculously low price. Get yours now!  
**YH9801—**  
**10 For . . . . . 19¢**

### CROSLY Coils



Your choice of any of the following coils. Each . . . . . **5¢**  
 Shpg. wt. any coil, 1 lb.  
**Models 20, 21 and 22**  
**YC1855—R.F. Coil No. 6435.**  
**Models 53, 54, 57, 77 and 91**  
**YC1862—Antenna Coil No. 20444.**  
**Models 602, 704, 704A, 704B**  
**YC1860—R.F. Coil No. 4365.**

### SPECIAL BARGAIN

#### 22-Gauge Stranded Copper Hook-Up Wire



Seven strands of No. 29 wire. Cotton and rubber under waxed braid covering. Tinned copper.  
**YQ16276—Shpg. wt. 6 oz., 25 ft. coil**  
 25 Ft. . . . . 5c  
 50 Ft. . . . . 9c  
 100 Ft. . . . . 15c

### Combination Outlet Box Receptacle and "On-Off" Switch



Consists of a 10 ampere, 125 volt "On-Off" switch and a bakelite plug receptacle mounted in a fine porcelain base that fits any standard outlet box. Heavy duty brass contacts. Ideal for use with irons, fans and other electrical appliances. Shpg. wt. 1 lb.  
**YM13223—Your Cost . . . 29¢**  
**10 For . . . . . \$2.50**

## JONES Products Quantity Limited!

#### Single Filament Control Jack



Well insulated. 3/8" hole mounting. Binding post terminals. Nickel plated brass hardware.  
**YM12857—List \$1.00**

#### A Battery Switch



Push button type. Single 3/8" hole mounting. Bakelite insulation with binding post terminals.  
**YM12859—List \$1.00**

#### Double Circuit Panel Mount Jack



Closed circuit type. Nickel plated brass hardware. Single 3/8" hole mounting. With binding post terminals. Moulded bakelite insulation.  
**YM12858—List \$1.00**

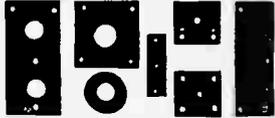
**10c ea.**  
**\$1.00 per doz.**

#### Eight Contact Inductance Switch



Low loss switch—bakelite insulation. Nickel plated brass hardware. Mounts in single 3/8" panel hole. Has number of uses in short-wave field.  
**YM12860—List \$1.00**

### Bakelite and Fibre Assortment



An envelope of 25 assorted pieces of fibre and bakelite in all shapes and forms. Insulators, socket locators, washers, etc., etc. You can't fail to "get the best" of this bargain. At this price, our limited quantity will not last long. Get yours now.  
**YP15266—**  
**Your Cost, 25 Pieces . . . . . 9¢**

### Baldwin Speaker Unit



Excellent magnetic type unit for horns or small trumpets. Very sensitive. Good for portables, or as a tweeter for reproducing more "highs". Aluminum diaphragm-corrugated type. 2 3/4" diameter. Shpg. wt. 1 lb.  
**YW19229—Your Cost . . . 49¢**

### C-H Radio Outlet



Can be used as aerial and ground outlet, or as speaker outlet. Standard equipment in many apartment houses, hotels, etc. Plate of brass with brushed finish. Jack nickle finished. Fits standard outlet box. Shpg. wt. 1 lb.  
**YM13232—**  
**Your Cost, Special . . . . . 8¢**

### Antenna Outlet



For wiring antenna and ground connections to outlet convenient to set. Attractive wall plate. Eliminates unsightly wires. Terminals plainly marked. Phone jack construction, supplied with tips and hardware.  
**Bronze finish.**  
**YM13216—Your Cost . . . 19¢**

### "Under Rug" Extension Cords



Flat rayon covered extension cords that fit under the rug without bulging. Three types available. Quantities limited.  
**YM13212—Six Foot Cord with Trio Tap.**  
**YM13213—Six Foot Cord with Convenience Outlet**  
**Your Cost Each, 17¢**  
**Either Type.**  
**YM13214—Twelve Foot Cord with Trio Tap.**  
**Your Cost . . . . . 21¢**

### 10 W. Vitreous Resistors



Vitreous enameled resistors. Tinned lugs.  
**YE4893—**  
 5,000 ohms.  
**YE4895—**  
 1,000 ohms  
**Your Cost Each . . . . . 10¢**

### Combination Radio Wall Outlet



Provides outlets for aerial and ground in addition to an A.C. outlet with an individual switch. With tip plugs. Shpg. wt. 1 lb.  
**YM13221—Your Cost . . . 49¢**

### VICTOR Speaker Plug



Used on the Victor speaker, for Set Models R-32, RE-45, R-52, RE-75. Heavy plated contact prongs, molded in genuine bakelite. Equipped with a metal guard. Shpg. wt. 8 ozs.  
**YM19223—**  
**Your Cost . . . . . 5¢**

### Speaker Grill Cloth



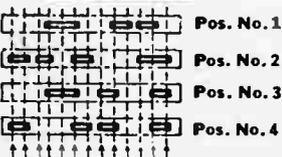
Fine quality brown ornamental cloth for use behind speaker grills. Neat appearance.  
**YW19609—**  
**Your Cost 15¢**  
 For 10 . . . . . \$1.25

### Screen Grid Clip with Lead



Has 6" green rubber covered lead.  
**YP15262—**  
**Your Cost, per Doz . . . 10¢**  
 100 For . . . . . 75c

### 13 Contact Switch Rotary Type

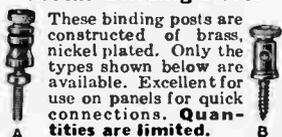
Rectangles in the schematic diagram above denote connections that are tied together when the switch is in the respective positions as shown. Contacts and contact points of phosphor-bronze. Shpg. wt. 2 lbs.  
**YM12856—Your Cost . . . 19¢**

### Rotary Switch



Sturdily constructed, rotary type, "On-Off" switch. Excellent for replacement where original switch is of this type. Will handle more current than the average switch without burning out. Shaft 1/4" diameter, and 1 1/4" long.  
**YM12840—Your Cost . . . 16¢**

### Metal Binding Posts



These binding posts are constructed of brass, nickel plated. Only the types shown below are available. Excellent for use on panels for quick connections. Quantities are limited.  
**A**  
**YM13020—Type A. Bolt and nut mounting. Knurled screw top. Heavy duty type.**  
**YM13021—Type B. Removable wood screw mounting. Can be mounted with a 10-32 bolt.**  
**Your Cost Each . . . . . 3¢**  
 10 For . . . . . 25c

### Tip Jack



Tip Jack with positive single conductor contact, is used for test panels, instruments, battery leads, and in sets for aerial and ground, battery and speaker connections, etc. Hole 3/8". Easy and convenient to mount.  
**YF6444—**  
**Your Cost . . . . . 5¢**

### G. E. Rotary Switch



Rated 3 amperes, 125 volts. Shaft 3/4" long.  
**YM12827—**  
**Your Cost Each, Special . . . 9¢**

### Heavy-Duty Post



Large, dual connection, nickel plated post. With wood screw in base. Overall length, 2"  
**YM13026—**  
**Your Cost Each . . . 5¢**

### CARTER Jacks



Type 103. Three springs; one open circuit closed when plug inserted. Good for use for phone connections and filament circuit-disconnecting filament of tubes not used.  
**YF6282—**  
**Your Cost . . . . . 10¢**

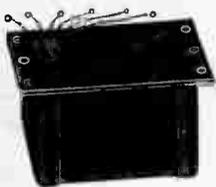


# BARGAINS!

QUANTITY LIMITED



## Output Transformers



RCA Part No. 5899. Used to match a single 71A, 45 or 50 to a 5 to 15 ohm voice coil.

**YC2500**—Shgp. wt. 3 lbs. **25¢**  
Your Cost

**YC2170**—Used in RCA models 46, 47 and 66. Matches single 71A or 45 to 5-15 ohm voice coil. Part No. 6019. Shgp. wt. 3 lbs. **25¢**  
Your Cost

## ★ Audio Transformer Selection ★

### Inputs, Outputs and Plain Audios



In this instance, only a "lucky" buy of these standard audio components enables us to offer them at these exceptionally low prices. All are of high quality, affording fine results. Units listed are of the popular strap mounting type, approximately 3x2½x2½". Quantities limited, get yours now. Shgp. wt. 2 lbs.]

**YC1843**—P.P. Input Transformer. ohm voice coil.

Ratio 3:1. **45¢**  
Your Cost

**YE5500**—Plain Audio. Ratio 3:1. **45¢**  
Your Cost

**YE5502**—Output Transformer. To match single 45 or 71A to a 5-15 ohm voice coil.

**YE5503**—Output Transformer. To match P.P. 45's or 71A's to a 5-15 ohm voice coil.

**YE5504**—Output Transformer. To match single 47 or 2A5 to a 5-15 ohm voice coil.

**YE5505**—Output Transformer. To match P.P. 47's or 2A5's to a 5-15 ohm voice coil.

**Your Cost Each, 39¢**  
Any Type



## Audio and P.P. Input Trans.

Well built, fully shielded transformers with excellent frequency response. Especially suited for use as replacement transformers or for amplifier construction. Laminations are high-grade, and windings ample and wax impregnated to resist detrimental moisture effects. Primaries and secondaries are wound on heavy high grade material. Shgp. wt. 2 lbs.

**YC1912**—Push-Pull Input. **65¢**  
Your Cost

**YC1914**—Straight Audio. **29¢**  
Your Cost



## SANGAMO Audio Transformers

All, with the exception of the Type F plate impedance, are full cased in metal containers with solder lug side terminals. Core material is high permeability silicon steel. Average size 3x2½x2½".

**TYPE H171**  
Push-pull output transformer to match a pair of 71A's, 45's, or 50's to a 5-15 ohm voice coil of a dynamic speaker. Solder lug terminals. Shgp. wt. 3 lbs.

**YA371**—List \$5.50 **29¢**  
Your Cost

**TYPE G210**  
Output transformer designed to match push-pull 10's to a 5-15 ohm voice coil of a dynamic speaker. Shgp. wt. 3 lbs.

**YA371**—List \$10.00 **29¢**  
Your Cost

**TYPE D210**  
Push-pull output transformer to match single or push-pull type 10 tubes to a magnetic speaker. Secondary impedance 4000 ohms. plate to plate. Shgp. wt. 3 lbs.

**YA369**—List \$12.00 **29¢**  
Your Cost

**TYPE F**  
Plate impedance. Also used for impedance coupled amplification. Tap provided for auto-transformer coupling. Shgp. wt. 3 lbs.

**YA368**—List \$5.00 **19¢**  
Your Cost

## Upright Shield Transformers

Accurately rated. The 6 tube transformer has long color coded leads for all connections; the 9 and 11 tube transformers have solder lug terminals. All furnished with hook-up diagrams. Mounting area on all units 3½x3½", mounting centers 3x2½".

All Primaries 115 Volts, 50-60 Cycles

**For 6 Tube Receivers**  
Secondaries: (1) 750 volts C.T. at 70 M.A. (2) 2.5 volts C.T. at 5.25 amps. (for 3 heater tubes). (3) 2.5 volts C.T. at 3.5 amps. (for 2 power tubes). (4) 5 volts at 2 amps. (for 80). Shgp. wt. 7 lbs. **\$2.35**

**YC1956**—Your Cost

**For 9 Tube Receivers**  
Secondaries: (1) 750 volts C.T. at 90 M.A. (2) 2.5 volts C.T. at 10.5 amps. (for 6 heater tubes). (3) 2.5 volts C.T. at 3.5 amps. (for 2 power tubes). (4) 5 volts at 2 amps. (for 80). Shgp. wt. 8 lbs. **\$2.35**

**YC1961**—Your Cost

**For 11 Tube Receivers**  
Secondaries: (1) 800 volts C.T. at 110 M.A. (2) 2.5 volts C.T. at 14 amps. (for 8 heater tubes). (3) 2.5 volts C.T. at 3.5 amps. (for 2 power tubes). (4) 5 volts at 2 amps. (for 80). Shgp. wt. 8 lbs. **\$2.35**

**YC1963**—Your Cost



## General Purpose Power Transformer

Can be used in Balkeit A3, A5, A7; Fada 16, 17, 20, 32, 50, 70, 71, 72; Crosley 804; Eveready 30 Series, and Steinite 40-A, 45-A. 2½-volt winding for 5-227a, 5-volt winding for 2-171As, 5-volt winding for 280 tube; 285/285 volt at 60 MA.

120-volt primary. Size 4½x3½x3½". Mounting centers 2½x2½". Soldering lugs terminate on an insulated strip. Shgp. wt. 7 lbs. **\$1.95**

**YC1515**—Your Cost

## SPECIAL! 2.5 Volt Filament Transformer

Semi-open type. Delivers 2.5 volts at 3.5 amperes (for 2 type 24, 27, 35, etc., or 3 type 66, 57, 58, etc.). Primary for 110 volts, 60 cycles A.C. Shgp. wt. 2 lbs. **39¢**

**YC163**—Your Cost Each

## 6.3 V., 4 and 5 Tube Power Transformers

Flush type mounting. 4 tube transformer contains 1—C.T. 650 V. at 40 ma., 1—6.3 V. secondary at 1.6 A., and 1—5 V. at 2 A.

5 tube transformer has 1—C.T. 650 V. secondary at 45 ma., 1—6.3 V. at 2 A. winding, and 1—5 V. at 2 A.

**YE5635**—4 Tube Trans. Shgp. wt. 3 lbs. **75¢**  
Your Cost, Special

**YE5636**—5 Tube Trans. Shgp. wt. 4 lbs. **95¢**  
Your Cost, Special



## Phono Matching Transformer

To match a low impedance pick-up to any type input. Single winding, tapped at 150, 300 and 1100 ohms D.C. resistance. Size 2½x1½x2½". Shgp. wt. 2 lbs. **29¢**

**YC2237**—Your Cost



## FADA Audio Transformer

Used in early model Fada receivers. Ratio 3:1. Primary 3500 ohms, secondary 8000 ohms. Open type with long insulated leads. Size 3x1½x2½". Shgp. wt. 2 lbs. **29¢**

**YC1838**—Your Cost Each

## CROSLEY Field Exciter



Uses two type 25Z5 rectifier tubes, and will supply field current for any 500 to 1,500 ohm field (12 watts), or two 2,000 ohm fields (6 watts each). Operates on 110 volts, 60 cycles A.C. Has line switch and pilot light indicator. Furnished with standard phone plug and leads. Top removable, held in place by two wing nuts. Overall size 10" long, 5" wide and 2½" deep. Shgp. wt. 7 lbs.

**YW13110**—Exciter, less tubes. **\$3.45**  
Your Cost

Two Lafayette 25Z5 Rectifiers. **99¢**  
Your Cost

## BARGAINS!—In Oversize Audios



High-Quality audio transformers, for public address amplifiers, receivers, etc. All large and oversize units, with ample core laminations, when properly used they will provide excellent frequency response.

Type A is available in straight oversize audio transformer, measuring 2½x2½x3½", P.P. input transformer, or in a high impedance audio choke—physically similar. With bottom lugs. Type B is similar to "A", except that terminals are provided on the sides. Type C input transformer, ratio 2.5 to 1, 3½x2½x2½" ins.

**YC1932**—Push-Pull Input. Type A. Shgp. wt. 2 lbs. **83¢**  
Your Cost, Special

**YC1913**—Straight Audio. Type A. Ratio 3:1. Shgp. wt. 2 lbs. **49¢**  
Your Cost

**YE5637**—Audio Choke. 30H. 280 ohms D.C. Shgp. wt. 2 lbs. **59¢**  
Your Cost

**YC1840**—P.P. Input. Type B. **85¢**  
Your Cost

**YC1841**—Plain Audio. Type B. **69¢**  
Your Cost

**YC1807**—P.P. Input. Type C. Cased. Shgp. wt. 4 lbs. **75¢**  
Your Cost

**YAC1808**—Same, but uncased. **69¢**  
Your Cost



## Filter Choke 30 Henry-50 Ma.

Inductance 30 henries. Current carrying capacity 50 milliamperes. D.C. resistance 450 ohms. 6" leads. Size 2½x1½x2½" high. Shgp. wt. 3 lbs. **39¢**

**YA246**—Your Cost



## Heavy Duty P.A. Choke

Admirably suited for impedance coupling for P.A. amplifiers up to 20 W. 30 Henries, 200 ohms D.C. 125 ma. max. Dim.—3x3½" high.

**YE5638**—Shgp. wt. 3 lbs. **89¢**  
Your Cost

# Special Values in DRY ELECTROLYTICS

## Tubular Dry Electrolytic Units



Compact condensers in tubular cardboard containers only 2 1/4" long. Have stiff wire leads. Ideal for use in midget receivers where space is a factor.

Stock No.	Cap'y Mfd.	Peak Volts	Diam. Inches	Your Cost
YD3139	1/2	500	3/8	\$0.17
YD3100	1	500	3/8	.19
YD3101	2	500	3/8	.23
YD3140	4	500	3/8	.29
YD3141	1	250	3/8	.16
YD3142	2	250	3/8	.19
YD3143	4	250	3/8	.25
YD3144	5	175	3/8	.22
YD3145	5	50	3/8	.16
YD3146	10	50	3/8	.20
YD3257	25	50	1 1/8	.30
YD3259	5	25	1 1/8	.18
YD3102	10	25	1 1/8	.16
YD3103	25	25	1 1/8	.26
YD3294	5-5	25	1 1/8	.25
YD3296	10-10	25	1	.28

## Compact Cartons

Only 2 1/4" long. Popular for use in midget sets. Units marked with \* have 6" leads; marked † have lug terminals.

Stock No.	Cap. Mfd.	Peak Volts	W	H	Your Cost
YD3299†	1/2	500	3/4	1 1/4	\$0.18
YD3109†	2	500	3/4	1 1/4	.19
YD3110†	4	500	1 1/8	1 1/4	.22
YD3111†	4	500	1 1/8	1 1/4	.25
YD3112*	4-4	200	1 1/8	1 1/4	.39
YD3113*	8-8	200	1 1/8	1 1/4	.45
YD3114*	6-6	50	3/4	1 1/4	.27

## Compact Condensers in Inverted Cans 1-Inch Diameter

All 550 volts Peak. Drawn aluminum can, 3/8" threaded stud. For inverted mounting. Long insulated leads. Hardware supplied.

Stock No.	Cap'y Mfd.	Your Cost
YD3376	2	\$0.28
YD3377	4	.32
YD3378	6	.37
YD3379	8	.39



## Compact Type with Mounting Flanges



These units are contained in tough fibre-cardboard housings which are provided with mounting flanges at either end. When clamp mounting is desired, these tabs may be cut off without injuring the container or exposing the foil. All have solder lug terminals at one end. Dual and triple units have separate negative and positive lugs. All 4 1/4" long, 1 1/2" wide.

Stock No.	Cap'y Mfd.	Peak Volts	Diam. Inches	Your Cost
YD3115	4	500	1 1/2	\$0.22
YD3116	8	500	1 1/2	.25
YD3117	4-4	500	1 1/2	.40
YD3118	8-8	500	1 1/2	.47
YD3119	8-8	500	1 1/2	.75
YD3125	50	25	3/4	.39

## Special Tubular Dry Electrolytics



Conservatively rated. Perfectly sealed. Have leads.

Stock No.	Cap'y Mfd.	Wkg. Volts	Size L. x D.	Your Cost
YD3555	4	850	3 1/2 x 1"	\$0.18
YD3556	4	25	4 x 3/8"	.12
YD3557	10	15	4 x 3/8"	.12
YD3558	16	225	4 1/2 x 1"	.12
YD2806	25	20	4 x 1"	.22
YD3859	4-4	25	2 1/2 x 3/4"	.18
YD3869	4-4	450-150	5 1/2 x 1 1/2"	.22
YD3870	8-8	450	6 1/2 x 1 1/2"	.35
YD3872	8-20	225-35	5 1/2 x 1"	.22

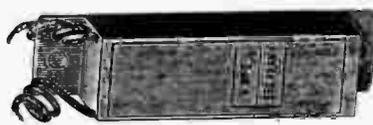
## Round Inverted Metal Can—500 Volts Peak



These single and dual section electrolytics contained in cylindrical aluminum cans. Fit 1/4" hole, and are furnished with hex nut and lockwasher. All conservatively rated, working voltage 450 volts D.C. Designed for use in all types of power amplifiers and other radio equipment.

Stock No.	Cap'y Mfd.	Size L. x Dia.	Your Cost
YD3104	4	2 1/2" x 1 1/2"	\$0.26
YD3105	8	4 1/2" x 1 1/2"	.27
YD3106	8	4 1/2" x 1 1/2"	.30
YD3107	4-4	4 1/2" x 1 1/2"	.42
YD3108	8-8	4 1/2" x 1 1/2"	.58

## Special 8 Mfd. 550 Volt Peak Condenser Cardboard Case



You would ordinarily pay twice the price for an equivalent condenser! 450 volts working and 550 volts peak. Only 3" long by 1" square. Long insulated and color coded leads. Mounting flanges at each end; may be cut off without injuring container. Quantity limited. **YA555—Your Cost Each, Special \$15**

## Round Upright Metal Can Units—500 Volts Peak

Mounted in cylindrical aluminum containers and provided with solder lug terminals. Will fit standard ring mountings. Peak voltage 500 volt D.C.; working voltage 450 volt D.C.

Stock No.	Cap'y Mfd.	Size L. x Dia.	Your Cost
YD3127	8	4 1/2" x 1 1/2"	\$0.30
YD3128	4-4	4 1/2" x 2 1/2"	.42
YD3129	8-8	4 1/2" x 2 1/2"	.58
YD3126	5-15	4 1/2" x 2 1/2"	.73
YD3130	4-4	4 1/2" x 2 1/2"	.79
YD3131	8-8	4 1/2" x 3"	.90
YD3132	8-8	4 1/2" x 3"	1.35
YD3133	9-9	4 1/2" x 3 1/2"	1.20
YD3134	8-8	4 1/2" x 3 1/2"	1.90



## MERSHON Wet Electrolytics



Only a limited quantity. All brand new. Clamp mounting type. No clamps furnished. Capacities and voltage ratings are accurate. Only the sizes listed below are available. Order a

stock now. Shpg. wt. 1 lb.

Stock No.	Cap'y Mfd.	Wkg. Volts	Your Cost
YD2682	6	450	9¢ ea.
YD2684	8	475	

## Six .1 Sections Paper Condenser Block



Ideal for the set builder or for replacement purposes. Contains six .1 sections with common negative. In cardboard carton with mounting flanges. Size 2 1/2 x 1 1/2"; mounting centers, 2 1/2". **YB497—Your Cost \$19**

## .5 Mfd., 1000 Volt Condenser in Metal Can

A high voltage section ideal for use in receivers and low power transmitters. Accurately rated. Best grade foil and paper. Has leads for direct connections. Sealed to moisture proof. Size 4 1/2 x 2 1/2". Shpg. wt. 1 lb. **YB498—Your Cost \$29**



## POLYMET Uncased "Hi-Volt" Sections

A line of uncased filter and by-pass units for use in low power transmitters as well as in receivers. Constructed using the finest grade of foil and paper. Sealed so as to be moisture repellent. Outside wrapping of empire cloth precludes possibility of shorts to metal chassis. End seal of hard, high temperature wax. Leads coded to show outside foil.

Stock No.	Cap'y Mfd.	Wkg. Volts	Your Cost
YB556	.25	600	\$0.24
YB557	.5	600	.28
YB558	1.0	600	.43
YB559	2.0	600	.62
YB560	.25	1000	.35
YB561	.5	1000	.45
YB562	1.0	1000	.65
YB563	2.0	1000	1.10



## 4-8 Mfd. 450 Volt Condenser—Inverted Can

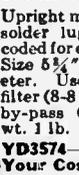


Quantities limited

Made by a famous manufacturer. Inverted type in drawn aluminum can 5" high, 1 1/4" in diameter. Long insulated leads, common negative. Standard 1/4" stud. Shpg. wt. 1 lb.

**YD3573—Your Cost \$39**

## Three Section Condenser 8-8 Mfd. 475 V. 10 Mfd. 50 V.



Upright mounting type with solder lug terminals color coded for easy identification. Size 5 1/2" high, 1 1/4" diameter. Used as two section filter (8-8 mfd.) and cathode by-pass (10 mfd.). Shpg. wt. 1 lb.

**YD3574—Your Cost \$49**

## Special Offer of Receiving Mica Condensers (Sold in Dozen Lots Only)



All either Aerovox or Sangamo. Type C (not illustrated) units are Sangamo Illini's, others Aerovox. Quantities limited.

Cap. Mfd.	Type	Cap. Mfd.	Type
.000005	B	.0002	A, B
.00001	B	.00025	A, B
.000025	B	.0003	C
.00004	A	.00037	A
.00005	A, B	.0004	C
.00008	A, B	.0005	A, B
.0001	A, B		

**YD4189—Your Cost per Dozen Assorted \$35**

## Tubular Cartridge Paper By-pass Units



A line of standard size tubular by-pass condensers at extremely low prices. All provided with bare wire leads securely fastened to the terminals so that they cannot pull out. Capacities and voltages accurately rated. Only the sizes listed below are available.

Stock No.	Cap'y Mfd.	Wkg. Volts	Your Cost
YD3507	.01	400	\$0.04
YD3508	.05	400	.05
YD3509	.1	400	.06
YD3510	.25	400	.10
YD3511	.5	400	.13
YD3512	1.0	400	.18
YD3513	.001	600	
YD3514	.002	600	
YD3515	.005	600	
YD3516	.006	600	
YD3517	.01	600	
YD3518	.02	600	
YD3519	.05	600	
YD3520	.1	600	.06
YD3521	.25	600	.07
YD3522	.5	600	.12
YD3523	.5	600	.15

## POLYMET By-pass Condensers

.25 Mfd. 300 Volts In metal case with solder lug terminals. Mounting feet at top and bottom. For general use in all types of receivers and amplifiers.

**YB740—Your Cost Each \$15**

2 Mfd. 200 Volt

Similar in appearance to the above. Quantity limited.

**YB743—Your Cost Each \$25**

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA



# RCA-Victor Co.

Authorized Distributors

## RCA-Victor Field Coil Assemblies

These assemblies consist of the field coil, magnet and cone support. In all late model receivers, it is necessary to replace the entire assembly whenever the field coil shorts or opens. In models where the output transformer is mounted on the speaker frame, the mounting bracket is included (as shown in the illustration above). Assemblies for any RCA-Victor model not shown in the listing below can be quickly secured at a discount of 40% from the list price. Average shpg. wt. 8 lbs.



- For Model R-22.** Part No. 7606.  
**YC2565—Your Cost \$1.24**
- For Models R-28P, R-37, R-38**  
 Part No. 8988  
**YC2566—Your Cost \$1.41**
- For Model RE-40P**  
 RCA No. 9003  
**YC2567—Your Cost \$1.41**
- For Model 331**  
 Part No. 9434  
**YC2568—Your Cost \$2.80**

## IF COILS



These intermediate frequency transformers are correctly engineered and well constructed. Ideal for use by the set builder. Shpg. wt. 2 lbs.

**All 175 K.C. I. F.** come complete with two trimmer condensers. Shpg. wt. 2 lbs.

- For R-80, 82, 86, RAE-68**  
 YC2580—First I. F. No. 8567  
 YC2581—Second I. F. No. 8565  
 YC2582—Third I. F. No. 8566  
**Your Cost, Any Type \$1.26**

### For RE-20, R-50, R-55, RAE-59 and RAE-79

- First I. F. No. 7281  
**YC2583—Your Cost \$1.20**
- Second I. F. No. 7282  
**YC2584—Your Cost \$1.44**
- Third I. F. No. 7283  
**YC2585—Your Cost \$1.95**

### For Models R-4, R-6, R-7, 7A, 7 D. C., R-9, R-9 D. C., R-10 D. C., RE-16A

- First I. F. No. 2991  
**YC2586—Your Cost \$1.22**
- Second I. F. No. 2992  
**YC2587—Your Cost \$1.32**

### For R-11, RE-18, RE-18A, R-21 and RAE-26

- First I. F. No. 7266  
**YC2588—Your Cost \$1.32**
- Second I. F. No. 7267  
**YC2589—Your Cost \$1.20**

### For R-8, 10, 12, RE-19

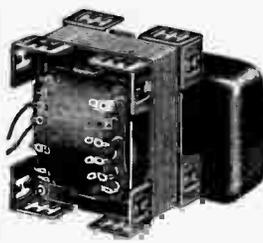
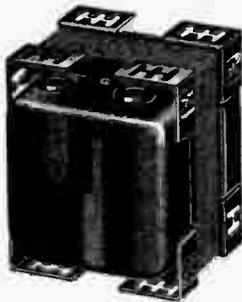
- YC2590—First I. F. No. 7340  
 YC2591—Second I. F. No. 7341  
**Your Cost, Either Type \$1.20**

### For R73, 75 and RE-80

- YH10236—First I. F. No. 6387  
 YH10237—Second I. F. No. 6368  
**Your Cost, Either Type \$1.28**



## Universal "Fitzall" Power Transformers For 1.5, 2.5, 5 and 6.3 Volt Tubes



### For Class "B" Sets

- Part No. 9562. Mounting centers 1 1/4" to 2 1/4", 4 1/4" high, 3 3/4" wide. Primary: 115 volts, 60-60 cycles A.C. Secondaries: High Voltage 165-310-165-310 volts at 115 M.A.
- 2.5 volts C.T. at 3 amps.
  - 2.5 volts at 3.5 amps.
  - 5 volts tapped at 1.25/1.25/2.5 volts at 5 amps.
  - 2.5 volts tapped at 1/1.5 volts at 7.25 amps. Shpg. wt. 9 lbs.
- YE5630—Your Cost \$3.90**

This line of transformers is universal both physically and electrically. Four types cover practically every requirement.

### For 10-12 Tube Sets

- Part No. 9561. Mounting centers 1 1/4" to 2 1/4", 4 1/4" high, 3 3/4" wide. Primary: 115 volts, 60-60 cycles A.C. Secondaries: High Voltage 750 volts C.T. at 110 M.A.
- 5 volts C.T. at 3 amps.
  - 2.5 volts at 3.5 amps.
  - 5 volts tapped at 2.5/1.25/1.25 volts at 5 amps.
  - 2.5 volts tapped at 1/1.5 volts at 10.5 amps. Shpg. wt. 8 lbs.
- YE5629—Your Cost \$3.60**

### For 5-9 Tube Sets

- Part No. 9563. Mounting centers 1 1/4" to 2", 4 1/4" high, 3 3/4" wide. Primary: 115 volts, 60-60 cycles A.C. Secondaries: High Voltage 750 volts C.T. at 80 M.A.
- 5 volts C.T. at 3 amps.
  - 2.5 volts tapped at 2.5/1.25/1.25 volts at 5 amps.
  - 2.5 volts tapped at 1/1.5 volts at 7.5 amps. Shpg. wt. 7 lbs.
- YE5631—Your Cost \$2.85**

### For 4 Tube Sets

- Open frame type. For use in mid-gest sets only where universal features are unnecessary. Primary 115 volts, 60-60 cycles. High voltage 600 volts C.T. at 84 M.A.; 5 volts C.T. at 2 amps.; 6.3 volts tapped at 1.25/1.25/3.8 volts at 2 amps. Shpg. wt. 5 lbs.
- YE5632—Your Cost \$1.24**



## Capacitor Pack Assembly Models R-8, R-10, R-12 and RE-19

Genuine replacement part No. 7342 for the above model receivers. Contains the following capacities: four .1 mfd., two .05 mfd., four .5 mfd., two 4.0 mfd. and one 10 mfd. sections. In metal container with crimp lugs. Shpg. wt. 3 lbs.

- YB534—Your Cost \$4.05**



## RCA-VICTOR

### Dial Drive Assembly

RCA Part No. 2999. Used in models R-7A, R-9, R-43, R-10, R11, R 8, RE-18, RE-26, RE-16A, R-4 and R-6. Comes complete with friction rubber, screws and lock-washers.



- YH9744—Your Cost Each \$2.40**

### Drive Clutch Assembly

The complete turning condenser drive clutch assembly used in the following RCA-Victor receivers: 118, 211, 128, 224, 322, 135B, 236B, 143, 242, 262, 281 and 381. Comprises drive shaft, bearings, ring, spool, spring and washers completely assembled. Simple to install. Part No. 4422. Shpg. wt. 1 lb.

**YP15268—List \$1.00 Your Cost Each \$6.00**



## RCA Universal Output Transformer

A single transformer for matching all existing types of output tubes, either single or P.P., to all dynamic speakers. Covers voice coil impedances from 1 ohm to 16 ohms. Primary load impedances 1000 to 20,000 ohms. High fidelity response characteristics make this unit especially attractive; frequency range from 30 to 10,000 c.p.s. Maximum working voltage potential 500 volts. Angle brackets with slots allow mounting in any position. Has tinned solder lug terminals. Baked varnish impregnation. Size 2 3/4" x 2 1/2" x 2". Shpg. wt. 3 lbs. Part No. 7852.

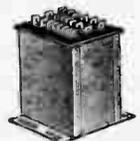


- YE5536—Your Cost Each \$1.17**

## Shielded Output

Has same specifications as above, but is fully shielded in a cadmium plated metal case. Bakelite terminal board. Shpg. wt. 3 lbs.

**YE5537—Your Cost \$1.45**



## MODEL M-34 PARTS

### Power Transformer

The genuine RCA Part No. 9430 for the M-34 auto set. Delivers the necessary high voltages for the receiver. Takes only a few minutes to install. Has color coded leads. Shpg. wt. 8 lbs.

**YC2013—List \$3.60 Your Cost \$2.16**



### Filter Block

Genuine RCA Part No. 7600. Contains one reactor, one choke coil, one .5 mfd., two 4.0 mfd. and one 875 mmfd. capacitors. In metal container with crimping lugs. Color coded leads. Ready to install. Shpg. wt. 3 lbs.



- YB1024—List \$4.06 Your Cost \$2.44**

### Antenna Coil

Part No. 6489. Complete assembly. List 86c  
**YH10225—Your Cost \$52c**

**Oscillator Coil**  
 Part No. 6471. Complete assembly. List 74c  
**YH10226—Your Cost \$44c**

**R.F. Coil Assembly**  
 Part No. 6540. Detector coil. List price 94c  
**YH10227—Your Cost \$56c**

**Audio Transformer**  
 Part No. 6488—Interstage audio transformer. List \$1.30  
**YE5633—Your Cost \$78c**

### Output Transformer

Part No. 3688—List price \$1.50. Shpg. wt. 1 lb.  
**YE5634—Your Cost \$90c**

**Speaker Cone Assembly**  
 Part No. 9023. Cone and voice coil. List price \$1.00  
**YW19776—Your Cost \$60c**

**NOTE:** As authorized distributors for the RCA-Victor Company, we can supply any genuine RCA Factory Replacement Part at a discount of 40% from the list price. Write us your requirements, and allow us to serve you speedily.

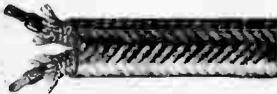
# Priced **50-0-0** LOW you will stock up



## SPECIAL VALUE Cotton Twisted Pair

18 Gauge, 1/4 R.C. wire with a glazed cotton covering. 2 colors—yellow and brown twisted. Specify which.  
**YY20905**—100 ft. **55¢**  
**YY20906**—250 ft. **Your Cost \$1.35**

## Parallel Lamp Cord



18 Gauge  
 The popular number with the serviceman. For hooking up radios, extensions, etc. Color: brown.  
**YY20911**—**60¢**  
 Per 100 ft.  
**YY20912**—Per 250 ft. **\$1.30**

## Genuine RCA-VICTOR Double Faced Records

This is a real opportunity to obtain genuine RCA-Victor double-faced phonograph records at an extremely low price. Two assortments of 25 records each, at prices that you paid for only one record a short time ago. Ideal for public address men for demonstrating amplifiers and to fill-in when using a P.A. Good for dealers for encouraging phono-radio combination sales by giving away a half-dozen with purchase of an instrument. They cost only 9c. each.

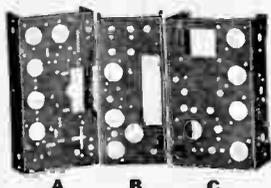
### AMERICAN RECORDS

25 assorted records to a carton, includes many well-known artists, in Vocals, Waltzes, Fox-trots, Tangos, Bands, Marches, etc. Shpg. wt. 13 lbs.  
**YA346**—**2.25**  
 Carton of 25 Assorted. **Your Cost Special...**

### SPANISH Records

Assortment of 25 Spanish records, double-faced, by well-known and popular artists. All late numbers, and includes Tangoes, Cancions, Fox-trots, Paso Doble, Boleros, etc. Shpg. wt. 13 lbs.  
**YA347**—**3.50**  
 Carton of 25 Assorted. **Your Cost Special...**

### Midget Chassis



Cadmium plated, drilled, steel chassis, for building small receivers. Types A and B are ideal for constructing A.C.-D.C. sets, and include a cut-out for speaker mounting. With 5 and 4 tube socket cut-outs respectively. Type C is a 5 tube chassis with transformer cut-out. Avge. shpg. wt. 4 lbs. each.  
**YM12957**—A, 9 1/2 x 5 x 1 1/2"  
**YM12958**—B, 9 x 3 1/2 x 1 1/2"  
**YM12959**—C, 9 x 5 1/2 x 2 3/8"  
**Your Cost, Each... 15¢**

## 200,000-Ohm BRADLEY Volume Control

Genuine Allen Bradley control. Resistance 200,000 ohms with tap at 100,000 ohms. Can be used as a general replacement tone or phono-volume control. Shaft extends 3/8" and is milled flat on one side.  
**YM0575**—**15¢**  
**Your Cost Each**



## YAXLEY 2000 ohm Jr. Pot.

An excellent wire-wound control for replacement or construction purposes. Spring tension slider insures good contact and permits future adjustments when necessary. Dia. 1 1/4", shank 3/8" threaded, shaft 1/2" dia., center lug (slider) connects to frame of control. Less knob.  
**YF6353**—**Your Cost... 14¢**



## RCA Intermediates Radiolas 60, 62, 64 and 66

Here is the genuine "I.F." Transformer for the Radiola Models, each has been peaked at its correct frequency at the RCA factory. Shpg. wt. 8 oz.



For Model 66  
 1st and 2nd "I.F." Transformer (RCA No. 8481.)  
**YC2165**—**Your Cost Ea... 95¢**

3rd "I.F." Transformer. (RCA No. 8482.)  
**YC2166**—**Your Cost... 95¢**

For Model 67  
 1st Intermediate Stage. (RCA 8481.)  
**YC2165**—**Your Cost... 95¢**

3rd Intermediate Stage. (RCA 8500.)  
**YC2162**—**Your Cost... 95¢**

## Special Kit of 10 Assorted General Replacement Controls

A splendid opportunity for service men and constructors. Ten assorted, each different, volume controls at the list price of only one. All standard sizes and types, no "fukes". Includes such makes as Centralab, RCA-Victor, Bradley, etc. Some with switch, some without—but all are useful and will definitely come in handy sooner or later. They are designed for various types of circuit use, i.e., screen voltage, antenna shunt, "C" bias control, voltage divider, tone control, and others. Some are exact replacement controls for certain receivers. Shpg. wt. 2 lbs.  
**YF6354**—Kit of 10 Assorted Controls.  
**Your Cost, Special... \$1.25**



## 175 Kc. Midget I.F. Transformer

Midget double tuned I.F. transformer. Compact type used in latest receivers. Dimensions 1 1/2" diameter, 2 3/8" high. Trimmer condensers have genuine Isolantite bases, and are tuned from top of assembly. Due to precision winding, these units provide exceptionally high gain. Quantity limited.  
**YM10036**—175 Kc. **45¢**  
**Your Cost**



## 465 Kc. I.F. Transformers

Very efficient I.F. transformers at unheard of prices. Two sizes available, both 4" long, but one is 1 1/2" in dia., the other 2" dia. Both are 465 Kc., double tuned, padders mounted on ceramic bases to minimize losses. With spade lugs.  
**YM10051**—1 1/2" dia. I.F.T.  
**YM10052**—2" dia. I.F.T.  
**Your Cost, Either Type... 35¢**



## Special R.F. Choke

For replacement purposes, receiver construction, and experimental uses. Has a rated inductance of 12 millihenries. Wound on a wood spool and sealed with pitch.  
**YM10132**—**9¢**  
**Your Cost Each**



## Majestic 175 Kc. I.F. Coil

Can be used in Majestic or any receiver employing 175 Kc. I.F. transformers. Each section accurately wound and perfectly insulated. On genuine isolantite form. Inductance of each section approximately 40-mh.  
**YM10048**—**15¢**  
**Your Cost Each**



## 6 and 7 Prong Wafer Sockets

Dual bakelite laminations, with sturdy prong contacts. Mounting hole centers—1 1/8". Only 6 or small 7 prong types available.  
**YX13002**—Specify 6 or 7. **2¢**  
**Your Cost Each**  
**Your Cost per Dozen... 18¢**  
**Your Cost per 100... \$1.25**



## Fibre Tubing For Winding Coils

Finest quality fibre tubing. Have holes for connections. Two sizes.  
**YM10230**—Approx. 2 3/8 x 1 1/4" **3¢**  
**Your Cost Each**  
**YM10233**—Approx. 4 1/4 x 1 1/4" **4¢**  
**Your Cost Each**



## Aluminum Panels

High grade aluminum panels, for panel, shields, cans, etc., purposes. 1/4" thick—will afford the proper shielding. Can be easily bent to shape desired, cut or drilled. Sizes available are useful to all constructors.  

Stock No.	Panel Dim.	Shpg. Wt.	Your Cost
<b>YY22227</b>	3 1/2 x 10"	2	\$0.23
<b>YY22228</b>	3 1/2 x 12"	2	.27
<b>YY22226</b>	3 1/2 x 19"	3	.39

## Special 15,000 Ohm Control

Made by Frost. Tapered for ant. and "C" bias. Dust-proof metal housing. 3/8" shaft. Get a few at this low price. Quantity limited.  
**YG8347**—**15¢**  
**Your Cost, Special**



## VICTOR R.F. Coils

Originally used in Victor Models RE35, 39 and 57. Part No. 10817 is the antenna or link coil. Part No. 10830 is the second R.F. coil coupling 2-screen grid R.F. tubes. These coils can also be used in other receivers for this purpose.  
**YH10107**—Part No. 10817 **19¢**  
**Your Cost Each**  
**YH10109**—Part No. 10830 **23¢**  
**Your Cost Each**



## Preselector Coil

Consists of three windings on one bakelite tube. Has antenna primary and two loosely coupled secondaries. Used on Radiola Models 80, 82, 86 and the corresponding General Electric, Westinghouse and Graybar Models.  
 Shpg. wt. 2 lbs.  
**YH10130**—**Your Cost... 19¢**



## Detector and Oscillator Coil

The genuine RCA Coil used in Models 80, 82, 86 and RAE 68. An inductively coupled detector and oscillator coil wound on a bakelite tube. Made to track with a 15-70 mfm. Padding condenser.  
**YH10131**—**Your Cost Each... 29¢**



## VICTOR R.F. Coil

For Models: **R32, RE45, R52, RE75, RE54, RE56**  
 The original Victor R.F. Coil, Part No. 10448, used in the above model receivers. For 1st, 3rd and 4th R.F. stages. Wound on a bakelite tube 2 1/4" long, 1 1/2" in diameter. Shpg. wt. 1 lb.  
**YH10054**—**Your Cost... 9¢**



## RADIOLA Speaker Filter

RCA Part No. 5853 designed to emphasize the high notes in Model 100B and 103 speakers.  
**YW19454**—**Your Cost... 16¢**



**NOTE - TECHNICAL BOOKS ARE NOT RETURNABLE**



**Sole Distributors  
for**

# Clarion Radio REPLACEMENT PARTS

As sole distributors for all Clarion products we are prepared to supply practically any replacement part required. We carry complete stock of all the most used parts, including coils, transformers, condensers, etc. All Clarion parts are maintained in the New York Warehouse only, but may be ordered through Atlanta or Newark if more convenient.

A special department has been created for the handling of Clarion replacement parts and should any new products be developed from time to time by Clarion engineers these will also be available to authorized dealers at exceptionally attractive prices and discounts. If you are a Clarion dealer it will pay you to get in touch with us so that we can keep you informed of all new developments as they are completed by Clarion engineers.

## Power Transformers



### 60 Cycle-110 Volts

Stock No.	Clarion No.	Model No.	Your Cost
CL132	G1578	300	\$3.50
CL264	G1152	56	3.50
CL267	G1644	340	2.20
CL482	G1768	470	1.50
CL103	G2013	51	3.95
CL200	G1151	61, 70	3.25
CL232	G1981	160	2.50
CL102	G1255	80	2.00
CL262	G1437	200	1.75
CL269	G1528	240	1.95

### 25 Cycle-110 Volts

Stock No.	Clarion No.	Model No.	Your Cost
CL199	G1151A	61, 70	\$3.95
CL198	G1162A	56	4.25
CL101	G1240A	90, 94	3.50
CL479	G1323A	40	3.50
CL233	G1490A	260	3.50
CL135	G1644A	340	3.50
CL478	G1255A	80	2.95
CL134	G1381A	160	3.75
CL229	G1518A	280	3.75
CL168	G1578A	300	3.75
CL100	G1662A	360	3.10
CL166	G2113	51	5.85

### 60 Cycle-220 Volts

Stock No.	Clarion No.	Model No.	Your Cost
CL480	G1578B	300	\$3.75
CL169	G1240B	90, 94	3.45
CL266	G1323B	40	3.75
CL196	G1616B	320	1.65
CL167	G1662B	360	3.95
CL136	G1490B	260	2.50
CL228	G1151B	61, 70	3.50

## Dynamic Speakers Less Output Transformers

Stock No.	Clarion No.	Model No.	Your Cost
CL125	G1500	220	\$2.75
CL126	G1501	260	2.50
CL128	G1502	240	2.50
CL160	G1503	280	2.25
CL161	G1505	300	2.25
CL162	G1506	340	2.95
CL460	G1706	472	1.50

## Wave Change Switch For Model 480

Clarion Part No. 4919. Triple pole, double throw.  
CL525—Your Cost Each. **50¢**

## Variable Condensers

Stock No.	Clarion No.	Model No.	Your Cost
CL194*	G1317	40	\$2.50
CL178†	G1080	51	2.95
CL177*	P4432	320	1.95
CL182*	P4468	340	2.25
CL422*	P4745	450	2.25
CL173†	P4629	422, 425	1.25
CL174†	P4712	440	1.25
CL175†	P4856	470	1.25
CL176†	P4744	AR-100	1.50

† 4-Gang \* 3-Gang † 2-Gang

## Condenser Blocks



### Filter

Stock No.	Clarion No.	Model No.	Your Cost
CL217	G1529	240	\$2.95
CL372	P4709	440	2.95
CL380	P4737	450	2.95
CL226	G1480	220	2.95
CL209	G1384	100	2.95
CL227*	G1529A	240	2.95
CL212	G1573	300	2.95
CL219	G1319	40	2.95
CL207*	G1480A	220	2.25
CL364†	G1529B	240	2.75
CL201	G2093	51	3.95
CL206	G1164	70	3.95
CL216	1106	60	3.95
CL220*	G2133	51	3.95
CL377	P4584	400	1.10
CL363	P4585	400	.80
CL371	P4717	423	.95
CL202	G1178	61	3.75
CL222	G1187	56	3.75
CL204	G1256	80	2.25
CL213*	G1298A	90, 94	2.50
CL208	G1350	84, 85	2.50
CL221	G1298	90, 94	2.05
CL225	G1298C	95	1.35
CL211	G1319A	40	3.25
CL223*	G1350A	84, 85	3.25
CL218	G1413	160	1.25
CL214	G1492	260	2.95

\* 25 Cycle † 22C Volt

## By-Pass Blocks

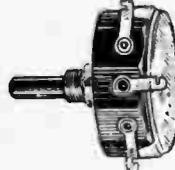
Stock No.	Clarion No.	Model No.	Your Cost
CL191	G1057	51	\$0.85
CL376	G1108	60 (A.F.)	.85
CL224	G1540	240	.85
CL185	G1167	61, 70 (H.F.)	1.85
CL189	G1262	80, 90 (A.F.)	1.00
CL183	G1295	80, 90 (R.F.)	1.10
CL192	G1326	40	.75
CL334	G1348	45	.75
CL205	G1511	220	.75
CL188	G1622	322	.75
CL186	G1351	84	.50
CL203	G1498	260	.60
CL190	G1642	340	.80

## Voltage Dividers

Stock No.	Clarion No.	Model No.	Your Cost
CL296	P1935	60 Ir.	\$0.75
CL315	P1819	40, 100	.42
CL299	P4268	220	.35
CL295	P4269	241, 260	.35
CL294	P4305	280	.35
CL320	P4379	300	.35
CL298	P4267	300	.45
CL319	P4303	280 (Eias)	.20
CL300	P4512	340	.30
CL325	P4533	360	.25
CL318	P4534	360	.15
CL585	P4947	480	.48

**NOTE**  
Space limitations prevent us from showing a complete tabulation of all the Clarion parts available. If the part you require is not listed, write us giving model number and name of part. We will then quote you at the very lowest prices.

## Volume Controls



Stock No.	Clarion No.	Model No.	Your Cost
CL496*	P1308	51	\$0.65
CL494*	P1813	40	.85
CL510*	P4035	100	.98
CL493	P1480	61, 70	.55
CL495*	P1749	80	.60
CL505*	P4080	120	.60
CL521*	P4081	160	.55
CL491*	P1747	90	.80
CL508	P4273	220	.55
CL499	P4434	320	.55
CL503*	P4769	AR-100	.75
CL523	P4979	490	.48
CL497*	G1740	422, 423	.60

\* With Switch.

## Tone Controls

Stock No.	Clarion No.	Model No.	Your Cost
CL517	P1566	53C	\$0.50
CL522*	P4978	490	.60
CL504*	P1955	85	.55
CL519*	P4079	160	.55
CL501*	P4433	340	.75
CL516*	P4861	470	.75

\* With Switch.

## R.F. Coils

Stock No.	Clarion No.	Model No.	Your Cost
CL547	P4741	450	\$0.60
CL562	G1544	240	.65
CL147	G1650	340	.65
CL149	G1191	56 (2nd)	.65
CL144	G1192	56 (3rd)	.65
CL145	G1272	80 (1st)	.65
CL146	G1293	90	.65
CL139	G1803	480	.40
CL140	G1376	100	.40
CL558	G1090	51 (2nd)	.95
CL156	G1183	61	.50
CL578	G1342	45	.55

## Antenna Coils

Stock No.	Clarion No.	Model No.	Your Cost
CL532	P4739	450	.65
CL561	G1493	241	.65
CL530	G1649	340	.65
CL154	G1163	70	.65
CL158	G1543	240	.85
CL148	G1294	90	.55
CL531	G1343	45	.45
CL152	G1386	100	.35
CL150	G1386	220	.50
CL549	G1089	51	.75
CL584	P4591	400	.65

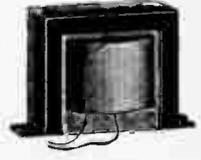
## Cone and Voice Coil For AR-100 Auto Set

Original Clarion Part No. G1751.  
CL594—  
Your Cost Each **65¢**

## "A" Choke for AR-100

Clarion Part No. P4799.  
CL157—Your Cost Each **29¢**

## Audio Transformers



### Input

Stock No.	Clarion No.	Model No.	Your Cost
CL255	G1045	51	\$1.05
CL245	G1109	60 Jr.	1.45
CL248	G1178	61	1.45
CL249	G1778	480	.98
CL257*	G1586	300	.85
CL250	G1812	490	.75
CL438*	G1898	500	1.25
CL588	G1419	280	1.25

\* Driver Transformer.

### Output

Stock No.	Clarion No.	Model No.	Your Cost
CL253	G1051	51	\$1.15
CL256	G1420	160	.85
CL279	G1516	280	.85
CL240	G1660	360	.85
CL247	G1813	490	.85
CL262A	G1276	80, 84, 85, 94	.75
CL243	G1697	425, 440	.75
CL241	G1617	320	.56
CL242	G1689	400	.68
CL278	G1748	AR-100	.95

## I.F. Coils

Stock No.	Clarion No.	Model No.	Your Cost
CL118	P4885	470, 472 (1st)	\$1.25
CL544	P4654	420 (1st)	1.25
CL541	P4655	420 (2nd)	1.25
CL545	P4716	422 (2nd)	1.25
CL120	G1531	240 (1st)	1.25
CL115	G1532	240 (2nd)	1.25
CL104	G1533	240 (3rd)	1.25
CL110	G1575	300 (3rd)	1.25
CL114	G1647	340	1.25
CL105	G1661	360	1.25
CL538	G1843	490	.95
CL116	P4798	AR-100	.95
CL111	G1494	260 (2nd)	.95
CL159	G1414	160 (1st)	.95
CL107	G1402	120	.95
CL540	P4045	220	.40
CL533	P4730	450 (1st)	1.25
CL543	P4731	450 (2nd)	1.25
CL427	P4879	470	1.75
CL121	G1610	241 (1st)	1.15
CL117	G1611	241 (2nd)	1.15
CL108	G1638	320 (osc. and I.F.)	1.15
CL113	G1794	480 (2nd)	1.15
CL109	G1576	300	.85
CL155	G1793	480 (1st)	.55

## Oscillator Coils

Stock No.	Clarion No.	Model No.	Your Cost
CL564	P4887	470	\$0.50
CL563	G1804	480	.45
CL550	P4044	100, 220	.55
CL546	G1546	240	.65
CL566	G1545	240	.65
CL141	G1273	80	.65
CL559	P4740	450	.75
CL551	G1562	241	.40
CL151	G1311	90	.40
CL123	G1648	340	.95
CL587	G1373	220	1.45

# GENUINE BRUNSWICK REPLACEMENT PARTS



### R. F. Coil Assemblies

All furnished complete with shield cans, grid leads and grid caps. Shpg. wt. 1 lb.

Stock No.	Part No.	Models	Your Cost
BR127	X-622	14, 21, 31	29¢
BR125	X-739	S-14, S-21 and S-31	
BR151	3016	15, 22, 32 and 42	29¢
BR134	6043	11, 12, 16 and 33	
BR131	6053	17, 24, 25	

### Antenna Coils

BR135	8017	15, 22, 32 and 42	29¢
BR129	6042	11, 12, 16 and 33	
BR156	6052	17, 24, 25	

### Dial Scale For S-14, S-21 and S-31; Bremer Tully S-81, S-82

The original replacement dial scale Part No. X-613 for the above model sets. Easy to install.



BR411—Your Cost **18¢** Each

Complete dial drum and scale assembly for above sets. Genuine Part No. X-608. Shpg. wt. 2 lbs.

BR2013—Your Cost **85¢**

### Dial Scale for 11, 12, 16, 33, 17, 24, 25



Celluloid scale, black numerals. Part No. 6046. To replace defective scale, break rivets out of drum casting and fasten new scale with machine screws. BR410—Your Cost Each **22¢**

### Low Impedance Pick-up Coil

Part No. P-152. Used in model S-31. Impedance 20 ohms. Can be used as a general replacement. Coil wax impregnated and moisture proof; leads have rubber insulating sleeves. BR405—Your Cost Each **22¢**



### Solenoid Coil for Model 42

Genuine part No. 4967. Controls the operation of the automatic record changer by actuating the starting lever. Shpg. wt. 1 lb. BR166—Your Cost Each **\$1.50**



### Governor Ball and Spring Assemblies

Used in types F, K, and No. 3 motors. Early model combinations. Can be used as a general replacement. BR2124—Your Cost Each **3¢**



### Power Transformers



Models S-14, S-21 and S-31; Bremer Tully S-81, S-82 Original Part No. X-755. Shpg. wt. 2 lbs. BR113—Your Cost **\$1.95**

Models 15, 22, 32 and 42 Genuine Replacement Part No. 3015. Shpg. wt. 10 lbs. BR119—Your Cost **\$3.75**

Similar to the above, but for 25 cycle. Part No. 3030. Shpg. wt. 16 lbs. BR120—Your Cost **\$2.95**

Models 11, 12, 16 and 33 Original replacement Part No. 6070. Shpg. wt. 6 lbs. BR122—Your Cost **\$2.45**

Models 17, 24 and 25 Genuine Part No. 6068. Shpg. wt. 8 lbs. BR121—Your Cost **\$3.65**

### Audio Transformers Input Transformers



Models P-3, P-10, P-11, P-13 Genuine Part No. P-188. Shpg. wt. 2 lbs. BR180—Your Cost **\$1.35**

Models S-14, S-21 and S-31; Bremer Tully S-81 and S-82 Genuine Part No. X-656. Shpg. wt. 3 lbs. BR183—Your Cost **\$2.25**

For Brunswick Panatropes 31 Genuine Part No. X-682. Shpg. wt. 3 lbs. BR187—Your Cost **90¢**

### Output Transformers

Models S-14, S-21 and S-31; Bremer Tully S-81 and S-82 Genuine Part No. X-658. Shpg. wt. 8 lbs. BR202—Your Cost **49¢**

Models 15, 22, 32 and 42 Genuine Part No. 3054. Shpg. wt. 3 lbs. BR203—Your Cost **49¢**

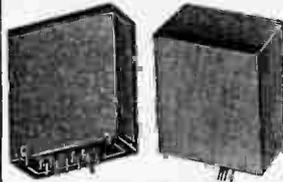
Models 11, 12, 16 and 33 Genuine Part No. 6083. Coil only. Shpg. wt. 1 lb. BR185—Your Cost **75¢**

### Phono-Input Transformer Model S-31

Panatrope Part No. X-769 for the above Panatrope model. Used to match the impedance of a 200 ohm pick-up to grid of a type 27 tube. Fully shielded, with terminal board. Shpg. wt. 4 lbs. BR188—Your Cost Each **\$1.19**



### Condenser Blocks



Models S-14, S-21, S-31; Bremer Tully S-81, S-82 Genuine Part No. X-756. Shpg. wt. 3 lbs. BR262—Your Cost **48¢**

Models 15, 22, 32 and 42 Genuine Part No. 3029. Shpg. wt. 4 lbs. BR265—Your Cost **\$2.25**

Models 11, 12, 16 and 33 Genuine Part No. 6023. Shpg. wt. 2 lbs. BR274—Your Cost **95¢**

Models 17, 24 and 25 Genuine Part No. 6022. Shpg. wt. 2 lbs. BR276—Your Cost **95¢**

### Electrolytics

Models 11, 12, 16 and 33 Part No. 928. 7 Mfd. BR290—Your Cost **95¢**

Models 17, 24 and 25 Part No. 929. 6 Mfd. BR292—Your Cost **95¢**

### Volume Controls



For Models 15, 22, 32 and 42 Part No. 3028. BR401—Your Cost **\$1.95**

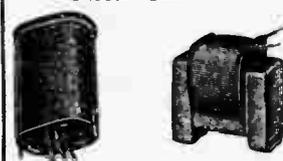
For Models 14, 21 and 31; Bremer Tully Models 81, 82 Part No. X-626. With switch. BR295—Your Cost **29¢**

For Models 11, 12, 16 and 33 Genuine Part No. 6647. BR308—Your Cost **49¢**

For Models 17, 24 and 25 Part No. 6649. Genuine Bradley control with switch. BR739—Your Cost **\$1.60**

For Models P-3, P-10, P-11, PR-28C, PR-38C and PR-48C Genuine Part No. P-190. BR415—Your Cost **55¢**

### Filter Chokes



For Models 15, 22, 32 and 42 Part No. 3013. Shpg. wt. 3 lbs. BR173—Your Cost Each **59¢**

For Models 14, 21 and 31 Part No. X-647. Shpg. wt. 4 lbs. BR164—Your Cost Each **\$1.45**

Similar to above, but for 25 cycle receivers. Part No. X-705. Shpg. wt. 4 lbs. BR165—Your Cost **69¢**

For Models S-14, S-21, S-31 Part No. X-757. Shpg. wt. 4 lbs. BR169—Your Cost Each **49¢**

### Oscillator Coil Assemblies



Contain all padding, plate and grid by-pass condensers. In shields. Shpg. wt. 1 lb.

For Models 11, 12, 16 and 33 Part No. 6044. BR154—Your Cost **\$1.95**

For Models 17, 24 and 25 Part No. 6054. BR153—Your Cost **69¢**

### I. F. Transformers



Furnished complete in aluminum cans. Have grid lead, trimmer condensers and mounting bracket. Shpg. wt. 1 lb.

For Models 11, 12, 16 and 33 First I. F. Transformer Part No. 6031. BR133—Your Cost **\$1.35**

Similar to above, but for sets using A.V.C. Part No. 6085. BR2226—Your Cost **\$1.35**

Second I. F. Transformer Part No. 6032. BR132—Your Cost **90¢**

For Models 17, 24 and 25 First I. F. Transformer Part No. 6033. BR135—Your Cost **90¢**

Second I. F. Transformer Part No. 6032. BR132—Your Cost **90¢**

### Antenna Loading Coils

S-14, S-21, S-31 Part No. X-741. Also used in Bremer-Tully models S-81 and S-82. Ideal general replacement. BR161—Your Cost Each **25¢**

### Isolantite Bushing

Part No. 6409. Used in all models employing turret condensers. Low loss; ideal for use in high frequency receivers, etc. BR1969—Your Cost Each **19¢**

### Four Gang Condenser

Models 15, 22, 32, 42 Part No. 3004. Complete with trimmers. Shpg. wt. 7 lbs. BR252—Your Cost Each **79¢**

### NOTE

Space limitations prevent a complete listing of all Brunswick phono and radio replacement parts. Practically any order can be supplied on request; prices on request. We can supply technical service manuals for all models made during and after the year 1930. Price 25c each.

# Genuine Majestic Replacement PARTS

at Savings to You

QUANTITY LIMITED

## Power Transformers



### PLATE TRANSFORMER 70 SERIES 7 P6 Pack

Part No. 67. Shpg. wt. 6 lbs.  
YC2104—Your Cost..... **65¢**

### PLATE TRANSFORMER—MODEL 180 For 8BP6 Pack

Duplicate of Part No. 618. Shpg. wt. 9 lbs.  
YC2169—Your Cost..... **\$4.25**

### FILAMENT & PLATE TRANSFORMER MAJESTIC 9BP6 Power Packs

Part No. 436. Shpg. wt. 15 lbs.  
YC2100—Your Cost..... **\$2.95**

### MAJESTIC 90-B and 100-B

Duplicate of Majestic Part No. 1562. Filament and plate transformer in one container. Shpg. wt. 15 lbs.  
YC2127—Your Cost..... **\$3.40**

### FILAMENT TRANSFORMER 70 SERIES 7BP Power Packs

Part No. 61. Shpg. wt. 6 lbs.  
YC2105—Your Cost..... **39¢**

### MAJESTIC MODEL 130A

Part No. 891. Shpg. wt. 7 lbs.  
YC2130—Your Cost..... **\$3.35**

### MAJESTIC MODEL 310A

Part No. 7846. Shpg. wt. 7 lbs.  
YC2045—Your Cost..... **\$2.10**

### MAJESTIC MODEL 310B

Part No. 8365. Shpg. wt. 7 lbs.  
YC2046—Your Cost..... **\$2.25**

### MAJESTIC MODEL 330

Part No. 8717. Shpg. wt. 7 lbs.  
YC2047—Your Cost..... **\$1.95**

### MAJESTIC MODELS 380, 381

Part No. 8892. Shpg. wt. 6 lbs.  
YC2016—Your Cost..... **\$1.70**

### MAJESTIC MODEL 800

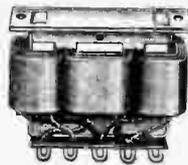
Part No. 11031. Shpg. wt. 7 lbs.  
YC2049—Your Cost..... **\$2.95**

## I. F. Transformers



Stock No.	Model No.	Part No.	Stage Output	Your Cost
YC2489	15, 15B	4429	Composite	\$0.85
YC2491	15, 15B	4428	Composite	1.25
YC2496	20		1st I.F.	1.50
YC2497	20		2nd I.F.	1.50
YC2303	25	5326	1st I.F.	1.03
YC2304	25	5337	2nd I.F.	1.03
YC2318	25B	5601	1st I.F.	1.15
YC2319	25B	5602	2nd I.F.	1.15
YC2498	60	4439	1st I.F.	1.50
YC2499	60	4267	2nd I.F.	1.50
YC2324	200	6250	1st I.F.	1.15
YC2325	200	6254	2nd I.F.	1.15
YC2332	300	7205	1st I.F.	1.02
YC2333	300	7230	2nd I.F.	1.15
YC2415	310A	7821	1st I.F.	.98
YC2416	310A	7812	2nd I.F.	.47
YC2451	460	10149	(coil only)	.85
YC2452	460	10253	1st I.F.	.85
YC2452	460	10253	2nd I.F.	.45
YH10221	500	10843	(coil only)	.45
YH10222	500	11705	1st I.F.	1.30
YH10223	500	10852	2nd I.F.	1.15
YH10224	800	8995	3rd I.F.	2.25
YC2452	800	10253	1st I.F.	.85
YC2452	800	10253	2nd I.F.	.45

## Pilot Light Dimmer



For Models 300, 300A and 320  
Duplicate of Part No. 7785. Used as a resonance indicator in the above model sets. Complete, no changes necessary to install. Employs new heavy duty primary coil. Shpg. wt. 2 lbs.  
YC2514—Your Cost..... **85¢**

## Condenser Blocks Models 90B, 100B

Part No. 1564. Shpg. wt. 6 lbs.  
YB1065—Your Cost..... **\$1.75**

### Majestic 60, 160

Part No. 3868. Shpg. wt. 9 lbs.  
YB1072—Your Cost..... **\$1.95**

Majestic 30 Choke and Condenser  
Part No. 3622. Shpg. wt. 10 lbs.  
YB1073—Your Cost..... **\$1.95**

## Audio Transformers and Filter Chokes



### PUSH-PULL OUTPUT TRANSFORMER MAJESTIC 90 SERIES

Part No. 134. Shpg. wt. 3 lbs.  
YC2107—Your Cost..... **59¢**

### 90-B PUSH-PULL OUTPUT TRANSFORMER

P.P. Output, Majestic Part No. 1552.  
YC2095—Your Cost..... **69¢**

### 130A PUSH-PULL INPUT TRANSFORMER

Part No. 1883. Shpg. wt. 6 lbs.  
YC2093—Your Cost..... **\$1.25**

### CHOKE FOR 70 SERIES

Part No. 66. Shpg. wt. 8 lbs.  
YC2101—Your Cost..... **22¢**

### DOUBLE CHOKE FOR 180 SERIES

Part No. 626. Shpg. wt. 8 lbs.  
YC2102—Your Cost..... **45¢**

### DOUBLE CHOKE FOR 90 SERIES

Part No. 281. Shpg. wt. 9 lbs.  
YC2103—Your Cost..... **49¢**

## By-Pass Assemblies



### MODEL 220

Genuine Majestic replacement Part No. 6577 R.F. Unit Shpg. wt. 2 lbs.

YB723—Your Cost Each..... **25¢**

Similar to the above, but A.F. by-pass block. Genuine Majestic replacement Part No. 6576. Shpg. wt. 2 lbs.  
YB726—Your Cost Each..... **39¢**

### MODEL 35

Part No. 5792. Shpg. wt. 2 lbs.  
YB724—Your Cost Each..... **25¢**

### MODEL 45

Part No. 5926. Shpg. wt. 2 lbs.  
YB725—Your Cost Each..... **30¢**

## FADA Tuning Bracket Casting



Used on all of the older model Fada sets. Genuine part, will fit chassis exactly. Part No. stamped on casting. Shpg. wt. 1 lb. Part No. 858MP

YF6154—Your Cost..... **75¢**  
Part No. 872MP.  
YF6155—Your Cost..... **75¢**

## FADA Dial Scale and Drum

Genuine Fada Part No. 871MP. Used in all early models. Scale riveted to drum. Shpg. wt. 2 lbs.



YF6160—Your Cost..... **\$1.05**

## FADA Cone Bracket



Genuine Part No. 878MP. Used with early model dynamic speakers. Iron casting, will not break. Shpg. wt. 3 lbs.

YF6159—Your Cost..... **73¢**

## FADA Friction Drive Shaft

Genuine Fada Part No. 1724X. Used with drum illustrated at right. Comes complete with all washers, spring, etc. Assembled ready for use. Shpg. wt. 1 lb.



YF6152—Your Cost..... **48¢**

## FADA 3-Legged Cone Brackets

Used in early Fada receivers. Improved type, cast iron construction. Three types. Shpg. wt. 3 lbs.

YF6156—No. 888MP  
YF6157—No. 885MP  
YF6158—No. 901MP  
Your Cost Each, Any Type..... **1.35**



## FADA Tuning Drum

Genuine Fada Part No. 1716X. Used with early models. 4 1/2" diameter, 1/2" track. Shpg. wt. 1 lb.



YF6153—Your Cost..... **82¢**

## FREED-EISEMANN Volume and Tuning Dial Castings



Exact duplicate of the original Freed-Eisemann Part Nos. 2445 (tuning dial) and 2446 (volume control) castings. Will fit chassis exactly; no changes necessary to install. Of cast iron, finished in gilt. Will not break or crack. Shpg. wt. 2 lbs. each.

YF6150—Volume Control Casting. Your Cost Each..... **82¢**  
YF6151—Tuning Dial Casting. Your Cost Each..... **87¢**

EVERYTHING IN TRANSMITTING EQUIPMENT

# INDEX

## - A -

Article	Page
Acorn Sockets.....	97
<b>Adapters..... 123</b>	
Adapters, Dual Speed.....	87, 88
<b>Aerials</b>	
All Wave.....	108, 174
	175, 177, 180
Auto.....	36, 175
Cage.....	175
Eliminators.....	177
Insulators.....	108, 174-176
Kits.....	108, 174,
	175, 177, 180
Lead-in Strips.....	176, 180
Lightning Arresters.....	175,
	176, 180
Masts.....	177
Spreaders.....	108, 175
Transposition Blocks.....	174
Wire.....	108, 174-180

<b>All-Star Kits..... 109</b>	
Aluminum Corner Posts.....	166
Aluminum	
Panels.....	49, 107, 166
Aluminum Record	
Blanks.....	86
Aluminum Shielding	
Cans.....	166
Amperite Voltage	
Control Tubes.....	172

<b>Amplifiers</b>	
Kits.....	132
Public Address	
43, 58-67, 71-73	
Amplifying Systems	
43, 58-73	
<b>Analyzers..... 112-116,</b>	
<b>119, 120, 173</b>	
Analyzer Plugs.....	119, 123, 124
Angle Brackets.....	182

<b>Antennas..... 94, 108,</b>	
<b>174, 175</b>	
Coils.....	46, 49-52, 162, 163
Couplers.....	90, 174, 175
Tightener.....	176, 177
Anvils.....	183, 184
Assortments, Screws,	
Nuts, Washers.....	182
Attachment Caps.....	124, 181
Attenuators.....	160

<b>Audio Transformers</b>	
<b>48, 50-53, 76, 104,</b>	
<b>106, 120, 133-137</b>	
<b>Automobile</b>	
Accessories	
36, 37, 124, 171, 172	
"A" Batt. Charger.....	170
Aerials.....	36, 175
"B" Eliminators	
36, 37, 171	
Condensers.....	36
Converters.....	171
Distributor	
Suppressor.....	36
Generator Silencer.....	36
Ignition Suppressor.....	36
Ignition Wire.....	180
Radio Wire.....	36, 180
Radio.....	34, 35
Remote Control Cable.....	45
Vibrators.....	36, 37
Voltage Regulator.....	172
Automatic Record	
Changer.....	88

## - B -

Baffle Boards.....	84
Bakelite Panel.....	166
Bakelite Tubing.....	166
Ballast, Line.....	172
<b>Bargains..... 43-53</b>	
Base Board Outlets.....	181
<b>Batteries..... 170</b>	
Cables.....	170
Clips.....	170
Receivers.....	30-33

Article	Page
<b>"B" Eliminators 171</b>	
"B" Eliminators, Auto	
36, 37, 171	
Binding Posts.....	46, 164, 167
Bits, Auger.....	186
Blank Records,	
Recording.....	86, 87
Blow Torches.....	183
<b>Books, Text 125-127, 152</b>	
Brackets, Angle.....	182
Brackets, Pilot	
Light.....	164, 182
Brackets, Sub	
Panel.....	107, 154, 166
<b>Brunswick Parts..... 52</b>	

Article	Page
<b>Claron Parts..... 51</b>	
Clips, Fuse.....	124
Clips, Fahnestock.....	182
Clips, Screen Grid.....	46,
	123, 167, 182
Clips, Terminal.....	170
Code Practice Sets.....	100
<b>Coils</b>	
R. F.....	46, 49-52,
	169, 162, 163
I. F.....	49-53, 162, 163
Ant.....	46, 49-52, 162, 163
Oscillator.....	49-52, 162-163
Assembly.....	162, 163
Dope.....	166

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Wholesale Radio Service Company will shortly publish a comprehensive Refrigeration Catalog. It will be mailed, free of charge, to all Refrigeration Dealers and Servicemen. In addition to a listing of a quality line of refrigerators at new low prices, it will contain a listing of replacement parts for the majority of the standard refrigerators manufactured. Materials for such makes as Kelvinator, Norge, Copeland, Zerozone, Buckeye, etc., will be illustrated and described to facilitate quick selection—and all at Lowest Wholesale Prices.

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## - C -

Bulbs, Tungar.....	170
Bulbs, Pilot.....	161
Buss Wire.....	178
Buzzers, High Frequency.....	100
By-Pass Condensers.....	44,
	47, 51-53, 103, 138-144

Cabinets, Metal.....	107
Cabinets, Set.....	29
Cabinets, Speaker.....	45
Cable, Armored.....	179
Cable, Auto Remote.....	45
Cable Connectors.....	124, 157
Cable Dial.....	160
Cable Pin Plugs.....	124, 157
Cables, Microphone.....	80
Cable, Trans-	
mission.....	108, 174, 175
Capacity Testers.....	113,
	116, 132, 140, 141
Carbon	
Microphones.....	77, 78, 94
Carbon	
Resistors.....	44, 146, 148
Carrying	
Cases.....	115, 119, 148
Cathode Ray	
Oscillograph.....	111, 118
Cathode Ray	
Oscilloscope.....	96, 111
Cathode Ray Tubes.....	110
Cement, Cone.....	85
Charger, Auto "A".....	170
Chassis, Metal.....	49, 107, 166
Charger, Wind Driven.....	171

<b>Chassis, Radio. 13,</b>	
<b>14, 18, 19, 22, 23</b>	
Chokes	
R. F.....	49, 159
Xmtg.....	106
Trust.....	135
Antenna.....	52
Filter.....	48, 51-53, 104,
	106, 120, 133, 135, 173

Article	Page
<b>Claron Parts..... 51</b>	
Clips, Fuse.....	124
Clips, Fahnestock.....	182
Clips, Screen Grid.....	46,
	123, 167, 182
Clips, Terminal.....	170
Code Practice Sets.....	100
<b>Coils</b>	
R. F.....	46, 49-52,
	169, 162, 163
I. F.....	49-53, 162, 163
Ant.....	46, 49-52, 162, 163
Oscillator.....	49-52, 162-163
Assembly.....	162, 163
Dope.....	166

Article	Page
Cords, Extension.....	169, 181
Cord Sets.....	181
<b>CORNELL-DUBILIER Condensers..... 142, 143</b>	
Coupler, Antenna.....	90, 174
Coupling Shafts.....	97, 160
Crystal Detector.....	169
Crystal Holder.....	101
Crystal Microphone.....	79
Crystals.....	101, 169
Crystal Sets.....	169
Crystal Speaker.....	84
Cutter, Circular Panel.....	166

Write NOW, to

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Bulbs, Tungar.....	170
Bulbs, Pilot.....	161
Buss Wire.....	178
Buzzers, High Frequency.....	100
By-Pass Condensers.....	44,
	47, 51-53, 103, 138-144

<b>Condensers</b>	
Auto.....	140, 143
Block Replacements	
50-53, 138, 139, 145	
By-Pass.....	44, 47,
	51-53, 103, 138-144
Cartridge.....	44, 47, 140-144
Capacitors.....	44, 47,
	52, 140-142, 144, 145
Filter.....	44, 47, 51-53,
	103, 139-142, 144, 173
Mica.....	44, 47,
	103, 141, 143
Neutralizing.....	159
Padder.....	159, 162
Shaft Couplings.....	160
Transmitting.....	97,
	102, 103, 142
Trimmer.....	159, 162
Variable.....	44,
	51, 52, 97, 102, 160
Cone, Units.....	81, 83
Cones, Speaker.....	51, 85
Connectors.....	124, 157, 181
Consoles.....	9, 12, 16, 17,
	20, 21, 24-28, 30-33

<b>Controls</b>	
Auto Voltage.....	172
Line Voltage.....	172
R.C.A. Automatic	
Remote.....	45
Volume.....	49, 51,
	52, 150, 152-155
Convenience Outlets,	
Radio.....	157
<b>Converters</b>	
Auto.....	171
Pioneer Rotary.....	171
Janette Rotary.....	171
Short-Wave.....	76
Cord Connectors.....	124, 169

Article	Page
Cords, Extension.....	169, 181
Cord Sets.....	181
<b>CORNELL-DUBILIER Condensers..... 142, 143</b>	
Coupler, Antenna.....	90, 174
Coupling Shafts.....	97, 160
Crystal Detector.....	169
Crystal Holder.....	101
Crystal Microphone.....	79
Crystals.....	101, 169
Crystal Sets.....	169
Crystal Speaker.....	84
Cutter, Circular Panel.....	166

Article	Page
Extension Shafts.....	154
Extension Cords.....	169, 181
<b>- F -</b>	
<b>Fada Parts..... 53</b>	
Fahnestock Clips.....	182
Feeder Spreaders.....	108, 175
Fibre Washers.....	182
Field Coils, Speaker.....	85
Field Exciters.....	48, 81, 85
Filament	
Resistors.....	147, 149, 157
<b>Filament Transformers</b>	
<b>104, 106, 136</b>	
Filament Wire.....	178-180
Files.....	187

<b>Filters</b>	
Chokes.....	48, 51-53, 104,
	106, 120, 133, 135, 173
Condensers.....	44, 47,
	50-53, 103, 138-145, 173
Interference.....	36, 143, 173
Scratch.....	88
Speaker.....	49
Flush Receptacle.....	183
Frequency Mod-	
ulators.....	111, 118
Friction Tape.....	168
Fuses.....	121, 124

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Article	Page
Galina Detectors.....	169
Generators.....	171
Generator Silencer.....	36
Granules, Carbon.....	80
Grille Cloth.....	46
Grommets.....	166, 182
Ground Clamps.....	176
Ground Rods.....	177

<b>- D -</b>	
Dial Cables.....	160
Dial Drives.....	50, 53, 160
Dial Pointer.....	167
Dial Scales.....	46, 52, 121
<b>Dials..... 53, 100, 161</b>	
Dials, Meter.....	121
Dividers, Voltage	
44, 51, 147-151	
Doublet Antennas	
108, 174, 175, 177, 180	
Drilling Template.....	166
Drills.....	183-186
Dual Speed Phono	
Adapter.....	87, 88
Dual Speed Phono	
Motors.....	88
Dual Super Recorder.....	75
Dynamic Speakers	
45, 51, 76, 81-84	

<b>- E -</b>	
Earphones.....	169
Earphone Cushions.....	169
<b>ELECTRAD Products..... 147, 150, 152,</b>	
<b>153, 158</b>	
Electric Eye.....	113
Electrical Accessories	
168, 181	
Electric Pencil.....	168
<b>Electrical Appliances..... 188-190</b>	
<b>Electrolytic Condensers..... 44, 47, 52,</b>	
<b>140-142, 144, 145</b>	
Eliminators, Automobile	
"B".....	36, 37, 171
Eliminators, "B".....	171
Enamel.....	166
Equalizing Condensers.....	159
Escutcheon Plates.....	161

<b>- H -</b>	
<b>HAMMARLUND Short Wave Receivers..... 99</b>	
Hand Saw.....	184
Hand Sets.....	74, 78
Hard Rubber Panels.....	166
<b>Hardware</b>	
<b>166, 167, 182</b>	
Headphones.....	169
Holders, Crystal.....	101
Home Recording Outfits.....	75
<b>Horns, Lafayette 81</b>	
<b>HOW TO ORDER 56</b>	
Hydrometers.....	170

<b>- I -</b>	
I.F. Coils.....	49-53, 162, 163
Ignition Suppressors,	
Auto.....	36
Indicators,	
Ohm.....	146, 148, 149
Inductances.....	159
Input Stages.....	78
Insulators, Aerial	
97, 108, 174-176	
Interference Filter.....	173, 174
Inverter.....	171
Irons, Soldering.....	168

<b>- J -</b>	
<b>Jacks</b>	
Extension.....	157
Phone.....	46, 157, 167
Speaker.....	46, 157, 165
Switches.....	46, 157, 165
Tip.....	157, 164, 167
Twin.....	157, 167
Midget.....	167

**- K -**

Article	Page
Keys, Xmitting.....	100
<b>Kits</b>	
Adapter.....	123
Amplifier.....	132
Antenna.....	108, 174, 175, 177, 180
Cabinet Refinishing.....	183
Condenser.....	44, 143
Hardware.....	182
Radio Receiver.....	109
Resistor.....	44, 146, 148
Tool.....	183, 186
Volt-Ohmmeter.....	120
Volume Control.....	49
<b>Knobs 100, 160</b>	
Insulator.....	176
Nail-It.....	176
Screw-In.....	108, 176

**- L -**

Lacquer.....	166
<b>LAFAYETTE</b>	
Aerial Kits.....	174, 177
Amplifiers.....	58-73
Auto Converters.....	171
Microphones.....	77, 94
P. A. Tuners.....	75
Portable Phonographs.....	88
Pre-Amplifier.....	74
Public Address	
Systems.....	58-73
Speakers.....	81
Tubes.....	40
Transceivers.....	94
Transformers.....	134
Transmitters.....	90-94
Transmitting Tubes.....	110
Lead-Ins.....	176
Leads, Test.....	122
Light Brackets,	
Pilot.....	164, 182
Light Source.....	113
Lighting	
Arresters.....	175, 176
Line Cord Resistors.....	147
Line Ballasts.....	172
Line Filters.....	143, 173, 174
Line Testers, Electric	
Power.....	172
Line Voltage Controls.....	172
Loom, Shielded.....	179, 180
Lugs.....	182

**- M -**

Machine Screws.....	182
<b>Majestic Parts 53</b>	
<b>Mantel Receivers</b>	
7-9, 12, 15, 17, 26,	
27, 30-33	
Masts, Aerial.....	177
Metal Chassis.....	49, 107
Metal Shielding.....	107
Meters.....	114, 116-119, 157
Meter Accessories.....	107, 115, 117, 121, 146, 147
Mica Condensers.....	44, 47, 103, 141, 143
<b>Microphones</b>	
77-79, 94	
Accessories.....	77-80
Cables and	
Connectors.....	79, 80
Carbon.....	77, 78, 94
Condenser.....	78
Crystal.....	79
Ribbon.....	77
Stands.....	77-79
Transformers	
77, 133-135, 137	
<b>Midget Receivers 4-8</b>	
Modulators.....	90, 111, 118
Motors,	
Phonograph.....	87, 88
Mounting Brackets.....	154
Mounting Lugs.....	182
Mounts, Fuse.....	121
Mounts, Meter.....	121
Multipliers.....	
Meter.....	121, 146, 147

**- N -**

<b>NATIONAL Short</b>	
<b>Wave Receivers. 96</b>	
Needle Cups.....	88
Needles, Phono.....	86, 87

Article	Page
Needles, Recording.....	86
Neon Glow Lamp.....	124
Neutralizing Tool.....	122, 187
<b>Noise Eliminators</b>	
Line.....	143, 173, 174
Noise Reducing Aerials.....	174
Nuts, Washer,	
Assortment.....	182
<b>- O -</b>	
Ohm Indi-	
cators.....	146, 148, 149
<b>Ohmmeters 115, 116</b>	
Oscillators.....	45, 87, 111, 113, 115, 116, 118, 119, 120
Oscilloscope.....	96, 111
Oscillograph.....	111, 118
Output, Meters.....	116, 118

**- P -**

<b>Panels 107, 166</b>	
Aluminum, Bakelite,	
Hard Rubber.....	49, 166
Paste, Soldering.....	168
Phone Cords.....	169
Phone Plugs.....	157, 169
Phone Tips.....	146, 157, 167
<b>Phonograph</b>	
Adapters,	
Dual Speed.....	87, 88
Governor Balls.....	52
Motors.....	87, 88
Automatic Stop.....	88
Needles.....	86, 87
Pick-Ups.....	86, 87
Pick-Up Coils.....	52, 87
Pick-Up Heads.....	87
Radio Com-	
bination.....	21, 25
Records.....	86, 87
Springs.....	87
Photo-Cells.....	110, 113
Pilot Lights.....	161
Pilot Light	
Brackets.....	164, 182
Pitch.....	168
Pliers.....	187
Plug-in Coils.....	96
<b>Plugs</b>	
Analyzer.....	119, 123, 124
Armored.....	181
Attachment.....	124, 181
Cable.....	124, 167
Jack.....	79, 80, 157, 167, 169
Microphone.....	167
Phone.....	157, 167, 169
Speaker.....	46, 123, 124, 167
Test.....	167
Tip.....	167
Portable Phonographs.....	87
Posts, Binding.....	46, 164, 167
Potentiometers	
49, 150, 152-155	
Power Supplies.....	91
<b>Power Transformers</b>	
48, 50-53, 104, 128-	
132	
Trutest.....	128
Practice Sets.....	100
Pre-Selectors.....	99
Prods, Test.....	122
<b>Public Address</b>	
Amplifiers.....	58-67, 71-73
Complete Systems.....	58-73
Equipment.....	58-88
Portable Systems.....	68, 69
Push Buttons.....	181
Tuners.....	75
Quartz Crystals.....	101
<b>- R -</b>	
Racks and Panels.....	107
<b>Radio</b>	
Auto.....	34, 35
Knobs.....	100, 160
Phono, Combination	
21, 25	
Receiver, Kits.....	98, 109
Receivers.....	4-9, 12-35, 91, 92, 95, 96, 98, 109, 169
Tubes.....	38-41, 45, 170
<b>R. C. A. Parts 50</b>	
Remote Control.....	45
<b>Receivers</b>	
Battery.....	30-38
Chassis.....	12-14, 19, 22, 23
Consoles.....	9, 12, 16, 17, 20, 21, 24-28, 30-33

Article	Page
Manzel.....	7-9, 12, 15, 17, 26, 27, 30-33
Midget.....	4-7
Shor. Wave.....	7-9, 12, 31, 91-93, 95, 96, 98, 99, 109
Receptacles.....	46, 181
Record Changers,	
Photograph.....	88
<b>Recording</b>	
Blanks.....	86, 87
Needles.....	86
Outfits, Home.....	75
Recorder, Power.....	86
Rectifiers, Metallic.....	121, 172
Rectifier, Meters.....	125
Regulators, Voltage,	
Auto.....	172
Regulators, Line.....	172
Relays.....	45, 100, 113
<b>Remote Control</b>	
RCA.....	45
Remote Control Cable.....	45
Resistor	
Indicator.....	146, 148, 149
<b>Resistors</b>	
146-151, 157	
Carbon.....	44, 146, 148
Center Tap.....	147, 149, 157
Filament.....	147, 149, 157
Kits.....	146
Line Cords.....	147
Meter Shunts and	
Multipliers.....	121, 146
Trutest Carbon.....	148
Variables.....	146-148, 150
Vitreous,	
Adjustable.....	149, 150
Wire Wound.....	46, 147-151
R. F. Chokes.....	49, 159
R. F. Coils.....	46, 49, 51, 52, 162, 163
Rheostats.....	49, 150, 155
Rotary Converters.....	171
Rules.....	187
<b>- S -</b>	
Saws.....	184
Scratch Remover.....	183
Scales, Bathroom.....	189
Scratch Filters.....	88
Screen Grid	
Caps.....	46, 123, 182
Screw Eyes.....	176
Screws.....	182, 185, 186
Screw Drivers	
122, 183, 184, 187	
<b>Sets, Radio 4-9,</b>	
<b>12-35, 98, 169</b>	
Set Testers and Analyzers	
111, 114-116, 118, 119, 120, 122, 132, 140, 141, 146	
Shadow Meter.....	117, 157
Shaft Couplings.....	97, 160
Shaft Extenders.....	154, 160
Shielded Auto Radio	
Cable.....	180
Shielded Microphone	
Cable.....	180
Shielded Loom.....	180
Shielding.....	179, 180
Shielding Cans.....	45, 166
<b>Shipping</b>	
Information.....	56
<b>Short Wave Receivers</b>	
7-9, 12, 31, 91-93,	
95, 96, 98, 99, 109	
Short Wave Converters.....	76
Short Wave Switches.....	165
Shunts, Meter.....	121
<b>Sockets 49, 97, 101,</b>	
<b>164, 182, 186</b>	
Acorn.....	164
Radio Tube	
49, 97, 101, 164	
Socket Wrenches.....	122, 186
<b>SOLAR Con-</b>	
<b>densers 141</b>	
Solder.....	168
Solder Paste.....	168
Soldering Irons.....	168
Spaghetti Tubing.....	178
Spark Plug	
Suppressors.....	36
<b>Speakers</b>	
45, 51, 76, 81-84	
Speaker Accessories.....	48, 81-85, 123, 124, 169, 172
Speaker Baffles.....	81, 84
Speaker Cabinet.....	45
Speaker Cones.....	45, 51, 85

Article	Page
Speaker Filters.....	49
Speakers Magnetic.....	45, 84
Speaker Units.....	46, 81, 88
<b>Special</b>	
<b>Bargains 43-53</b>	
<b>SPRAGUE Con-</b>	
<b>densers 142</b>	
Sprayers.....	184
Springs, Antenna.....	176, 177
Springs, Microphone.....	80
Stands, Microphone.....	77-79
Stands, Soldering Iron.....	168
Stand-Off	
Insulators.....	97, 108
Staples, Insulated.....	181
Step-Down	
Transformers.....	130
Stroboscope.....	88
<b>STROMBERG-</b>	
<b>CARLSON</b>	
<b>Parts 76</b>	
Suppressors, Ignition.....	36
<b>Switches</b>	
Analyzer.....	165
Anti-Capacity.....	165
Electrical.....	162-154, 165
Jack.....	46, 165, 167
Key.....	165
Knife.....	166
Rotary.....	45, 46, 165, 181
Push Button.....	165, 181
Plates.....	165
Short Wave.....	51, 165
Toggle.....	165
Switch Points.....	182
<b>- T -</b>	
Tap and Die Set.....	187
Tape.....	168
Tap, twin.....	188
Terminal Clips.....	167
Terminal Strips.....	164, 167
Test Leads.....	122
Test Prods.....	122, 167
<b>Testers and Analy-</b>	
<b>zers 45, 111-116,</b>	
<b>118, 119, 120, 122,</b>	
<b>124, 132, 140, 141,</b>	
<b>146, 173</b>	
<b>TESTIMONIALS. 41</b>	
Tip Jacks.....	157, 164, 167
Tip Plugs.....	167
Tips, Phone.....	46, 157, 167
<b>THORDARSON</b>	
<b>Transformers</b>	
104, 132, 133	
Tone Controls.....	51
Tools.....	152, 156, 158
Tool Boxes.....	186
<b>Tools 154, 156, 183,</b>	
<b>185, 186, 187</b>	
Tools,	
Neutralizing.....	122, 187
Torches, Blow.....	183
<b>Toys 191</b>	
Transceivers.....	94
<b>Transformers 48, 50-</b>	
<b>53, 104, 106, 128-134</b>	
Audio.....	48, 50-53, 76, 87, 104, 106, 120, 133-137
Bell Ringing.....	181
Filament.....	48, 53, 104, 106, 120, 136
General Replace-	
ment.....	48, 50, 129-132
Microphone.....	77, 133-135, 137
Mixing-	
Matching.....	48, 52, 87, 133-137
Power.....	48, 50-53, 104, 106, 120, 128, 131, 132
Step Down.....	130
Transmitting.....	50
Vibrator.....	50
Universal Power.....	50
Transposition Blocks.....	174
<b>Transmitting Equip-</b>	
<b>ment 90-110, 117,</b>	
<b>142, 159</b>	
Transmission	
Cable.....	108, 174, 175
Triple Connectors.....	181
Triple Plug, Fused.....	181
Trumpets, P. A.	
Address.....	81, 82, 83

Article	Page
<b>TRUTEST</b>	
Battery Charger.....	170
By-Pass Condensers	
138, 139, 143, 144	
Condenser	
Blocks.....	139, 144
DeLuxe Audios.....	135
Electrolytic	
Condensers.....	144
Power Trans-	
formers.....	128, 131
Scratch-Filter.....	88
Variable Condenser.....	160
Volume Controls.....	158
Truvtot Resistors.....	147
<b>Tube</b>	
Radio.....	38-41, 45, 170
Shields.....	45, 166
Sockets.....	49, 97, 101, 164
Testers	
112, 114-116, 118-120	
Transmitting.....	110
Tubing.....	49, 166
Tuners, Lafayette	
Public Address.....	75
Tungar Bulbs.....	170
Tungar Charger.....	170
Tuning Meters.....	117, 157
Turnbuckles.....	176
Twin Jacks.....	157
Twin Outlets.....	157, 181
Twin Posts.....	157, 164, 181
<b>- U -</b>	
Units, Magnetic	
Speaker.....	85
Units, Racon.....	83
<b>UTC Trans-</b>	
<b>formers 105, 137</b>	
<b>- V -</b>	
Variable Condensers	
44, 51, 52, 97, 102, 160	
Vibrators.....	36, 37
Vibrator Condensers.....	143
<b>Victor-RCA</b>	
Electric Pick-Ups.....	87
Records.....	49
Speakers.....	83
Speaker Plugs.....	46
<b>Voltage Dividers</b>	
44, 51, 147-151	
Voltage Regulators.....	172
Volt-Ohmmeters	
115, 117, 119, 120	
<b>Volume Controls 49,</b>	
<b>51, 52, 150-156, 158</b>	
Replacement.....	152, 156, 158
<b>- W -</b>	
Wall Outlets.....	46, 181
Washers.....	182
<b>Wind Driven</b>	
<b>Charger 171</b>	
Window Strips.....	176, 180
Wing Nuts.....	167
<b>Wire</b>	
Aerial.....	108, 174, 177
Armored Cable.....	179
Auto Radio.....	36, 180
Bell.....	179
Bus.....	178
Filament.....	178-180
Fixture.....	178, 179
Guy.....	177
Hook-Up.....	46, 178, 180
Magnet.....	178, 180
Michrome.....	181
Lead-in.....	174-176
Litz.....	178, 180
Parallel.....	49, 179
Push-Back.....	178, 180
Shielded.....	179, 180
Shielding.....	179, 180
Twisted.....	49, 179
Work Bench.....	183
<b>Wrenches</b>	
154, 183, 186, 187	
<b>- Y -</b>	
<b>YAXLEY PROD-</b>	
<b>UCTS 154-157</b>	

# Read THIS PAGE before ORDERING!



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**BE SURE TO INCLUDE POSTAGE WITH YOUR ORDER**

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Parcels up to 8 oz. may be shipped anywhere in U. S. A. for 1½¢ for each 2 oz. Rates Subject to Change by U. S. Postal Authorities

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Cost for 9 to 16 oz.	8¢	8¢	9¢	10¢	11¢	12¢	14¢	15¢
Each addit'l lb. or fraction	1.1¢	1.1¢	2¢	3.5¢	5.3¢	7¢	9¢	11¢

### TERMS

Wholesale Radio Service Company buys for cash and sells for cash. That is the secret of our low price policy. We cannot afford to give credit as we ask none ourselves.

We ship C. O. D. if desired, providing a deposit of 20% accompanies your order. We cannot ship C. O. D. without a deposit. C. O. D. packages can be shipped to all parts of the United States, Porto Rico, Hawaii, Alaska and Mexico. We CANNOT ship C. O. D. to any country outside of the United States, excepting those mentioned. Orders generally, cannot be sent Parcel Post, C. O. D. care of banks, as most banks refuse to handle such shipments.

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ON ALL ORDERS FOR FIFTY (\$50.00) DOLLARS OR MORE DEDUCT 2% FROM THE TOTAL AS A TRANSPORTATION ALLOWANCE EXCEPT ON READRITE, TRIPLETT AND NATIONAL PRODUCTS.

**IMPORTANT.** Indicate catalog number and stock number on order blank. The number of this catalog shown on front cover is 39.

When ordering, specify method of shipment you prefer. In the upper right hand corner of the order blank you will find a series of squares marked "Express," "Parcel Post," "Freight," "Boat," and "Best Way" arranged for your instructions. All merchandise shipped by express subject to inspection if you specify this in your order blank.

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Orders from foreign countries receive careful attention. They are packed and shipped to ensure very prompt and satisfactory delivery.

Our terms on ALL foreign sales are as follows: Payment in New York by letter of credit against documents, or 50% deposit WITH ORDER, balance sight draft against Bill of Lading. These conditions will not apply to certain countries where rigid exchange control conditions exist. In countries where rigid exchange control exists, merchandise plus transportation charges must be paid for in full in New York before shipment can be made. All quotations F. O. B. 100 Sixth Avenue, New York, with slight additional charge for export packing. ORDERS UP TO \$25.00 PAYABLE IN FULL IN ADVANCE, PLUS SHIPPING CHARGES. Remittance by draft on New York bank in U. S. Currency. We do not recommend that you send us foreign checks, as shipment will be delayed until cleared.

The average Parcel Post rate on foreign shipments is 14¢ per pound. Insurance rate averages 1¼ per cent of the order's value, with a minimum rate of 25 cents.

Our catalog prices are F.O.B. warehouse, packed for domestic shipment. For Special export packing and delivery to pier, there is a slight additional charge covering our extra costs. There is no extra charge for shipments to points outside the United States, which can be forwarded packed as for domestic shipment.

### PARCEL POST

Freight and Express shipments are sent transportation collect. Orders shipped by parcel post must be prepaid, and we therefore request that you INCLUDE POSTAGE FOR PARCEL POST SHIPMENTS. Estimate the cost of postage to your town by finding the weight of the articles you are purchasing (weight of each item is given in catalog) determine the zone in which your town is located, and then from the above chart you can find the cost of sending the package to your town.

Example: Mr. John Jones lives in Edwight, West Virginia. He orders a condenser, which according to the catalog weighs 3 pounds. The nearest big city to Edwight is Charlestown, which he finds from the above chart is in the 4th zone. The cost of sending 3 pounds to the 4th zone is 17¢ and he adds this amount to his remittance plus cost of insurance.

### INSURANCE

All parcel post packages are covered against damage or loss. Insurance costs and postage should be added to the amount sent. Charges are as follows:—

When value of parcel is up to	\$5.00	Charge is 5 cents
" " " " " between	5.00 & 25.00	" " 10 "
" " " " " " "	25.00 & 50.00	" " 15 "
" " " " " " "	50.00 & 100.00	" " 25 "

After \$100.00 value the charge for each \$50.00 additional is 5 " extra

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Transportation charges on C. O. D. parcels are slightly higher than those fully prepaid. C. O. D. charges in addition to the regular postage costs outlined are as follows including insurance:—

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" " " " " " "	25. & 50.	" " 22¢ ( " " )
" " " " " " "	50. & 100.	" " 32¢ ( " " )
" " " " " " "	100. & 150.	" " 40¢ ( " " )
" " " " " " "	150. & 200.	" " 45¢ ( " " )

For each \$50.00 value above \$200.00 the charge is 5¢ more (including insurance). The Post Office also charges an extra small money order fee on each C.O.D. parcel.

If you are doubtful as to the correct amount do not hesitate to send us sufficient postage. We GUARANTEE to refund any excess remittance.

Parcel post shipments to all zones must not exceed 70 pounds. The limit of size on all parcel post packages is one hundred inches in length and girth combined. Example: a package 35 inches long, 10 inches wide and 5 inches high, measures 65 inches in length and girth combined. (Length 35 inches, plus 2 x 10 inches width, plus 2 x 5 inches height, equals 65 inches).

### OUR SERVICE

We endeavor at all times to give you the finest possible service. According to figures prepared by our Traffic Department, 96% of all orders are shipped within 24 hours of receipt. Very often orders go forward within a few hours after their arrival. All packages are inspected before shipment to avoid errors and delays.

### SPECIAL NOTICE

Customers located nearer our Southern headquarters should send orders to 430 West Peachtree St., Atlanta, Ga. Customers located nearer our Chicago branch should send orders to 901-911 W. Jackson Boulevard, Chicago, Ill. Others, including foreign customers, should send orders to 100-6th Ave., New York City.

When corresponding about any shipment or articles received please write to the address from which merchandise was shipped.

### TO INSURE PROMPT DELIVERY

To insure prompt delivery of your orders or correspondence to us and to avoid possible error by the Post Office please make certain that you write (preferably print) or type our FULL name:

Wholesale Radio SERVICE Company, Inc.

# Lafayette Contributions to

# PUBLIC ADDRESS

# Progress



LAFAYETTE INTRODUCED TO THE POPULAR PRICE FIELD FOR THE FIRST TIME THE FOLLOWING:

- 1931 — 1st Successful direct coupled amplifier
- 1932 — 1st High-Quality Class "B" amplifier
- 1933 — 1st Self contained amplifier for 6 V. operation
- 1933 — 1st Low priced dual-speaker portable
- 1934 — 1st Complete single unit photo-cell amplifier
- 1934 — 1st High power 60 watt amplifier developed using receiving type tubes
- 1934 — 1st Successful AC operated pre-amplifier
- 1935 — 1st Amplifier with a frequency response flat within 1 db from 20 to 17,000 c.p.s.
- 1935 — 1st Low-loss output transformers—insertion loss less than 1 db.
- 1935 — 1st Amplifier to use duo-triode power tubes
- 1935 — 1st To obtain 100 watts output from receiving type tubes
- 1935 — 1st Amplifier for direct operation with crystal microphones
- 1935 — 1st Amplifier with built-in electronic mixer
- 1935 — 1st Amplifier employing 6B5 tube
- 1935 — 1st To adopt standard 500 ohm line power rating
- 1935 — 1st Practical 6V. amplifier having an output greater than 20 watts
- 1935 — 1st High fidelity portable system with built-in three position mixer
- 1935 — 1st Combined "high-fidelity"—amplifier, tuner, mixer and pre-amplifier on a single chassis.

## AND NOW FOR 1936 LAFAYETTE PRESENTS:

- 1st 5 watt amplifier using only 2 tubes having sufficient gain for use with crystal microphones!
- 1st Low priced single-unit amplifier for operation with velocity microphones!
- 1st AC operated amplifier with over 120 db gain on a single chassis!
- 1st To offer a single amplifier with two high-gain channels independently controlled!
- 1st Single case "high-gain" "high-power" portable amplifier for 6 V. DC or 110 V. AC operation!

THE March of Time has left in its wake no more distinguished achievements than those to the credit of Lafayette engineering. At the left, we have attempted to list a few of the more important ones that have helped to make Lafayette the leader in the field.

However, it is not only in engineering design that Lafayette leads, but also in sales policies and marketing methods. For example: Lafayette was the first to offer to submit any Lafayette amplifier to accredited research laboratories and colleges, for measurement purposes, so that they could substantiate the accuracy of Lafayette ratings.

Lafayette was also the first to set up each individual system under actual working conditions, before it is shipped to the customer, in order to be certain that each item selected by the customer was suitable. Should this test indicate that an error had been made, the customer is notified in advance before shipment goes forward.

And last, but by no means least, is the fact that Lafayette was the first to offer fine quality amplifiers at typically low prices—for nowhere else, search as you will, can you find amplifiers of equal quality at anywhere near the prices of Lafayette amplifiers. THE FOLLOWING PAGES PROVE THIS STATEMENT CONCLUSIVELY.

# Lafayette

AGAIN Lafayette has done the seemingly impossible - a compact three tube amplifier having an output of 5 watts and a gain of 95 db! This exceptionally high gain makes it possible to use crystal microphones and other input devices having levels of -66 db and be able to operate the amplifier to its maximum output.

## 4 STAGES WITH 2 TUBES!

A very unique circuit developed in our own laboratories makes it possible to obtain four stages of amplification with only two tubes. One type 79 and one 6B5 are used as amplifiers and a type 83 as rectifier. A completely filtered power supply assures absolutely hum-free operation. No output transformer is furnished, since most speakers are equipped with them.

## RUGGEDLY BUILT

CONSTRUCTION throughout is exceptionally rugged and all components are considerably oversized so as to withstand continuous usage even under the most trying conditions.

# Crystal MIKE

## 1<sup>ST</sup> TIME at this PRICE!

# AMPLIFIER



## TECHNICAL CHARACTERISTICS

Peak output..... 8 watts  
 Max. output at 7000 ohms..... 5 watts  
 Harmonic content..... .6%  
 Gain..... 95 db    Hum level..... -48 db  
 Power consumption from line..... 55 watts

Stock No. YW19111-Additional speaker for above amplifier.  
 Your Cost..... \$4.95

## Lab Tested & Certified

TWO models are available; one with provision for field supply for two speakers with 2500 ohm fields, the other without field supply connections. Model 232 - A Lafayette 5 watt High Gain Amplifier less tubes and less field supply connections. Dimen.: 9 1/2" wide, 7 1/2" deep and 7 1/2" high. Shpg. wt. 12 lbs. Code Amfs. List price \$21.90.  
 Your Cost..... **\$10.95**

Model 233-A-Same as above but with field supply for two 2500 ohm fields. Code Amgos. List price \$23.00.  
 Your Cost..... **\$11.95**

Kit of tubes..... \$2.75  
 System No. 500-P - Consists of the Model 232, A 5 Watt

Amplifier with tubes, one No. 13363 crystal microphone and XM13526 desk stand, 12 ft. cable, and one 10-inch dynamic speaker which obtains its field current from the amplifier. Shpg. wt. 25 lbs. Code Sabas. List \$65.00. **\$32.50**  
 Your Cost.....

## INTER-OFFICE COMMUNICATION System



WHERE constant communication must be maintained, or where privacy is desired between two offices, this system will be found to be ideally suited. It is attractive and compact yet highly efficient.

# 2 COMPLETE AMPLIFYING UNITS in this Outfit!

## Up to 500 feet between Stations

THE complete system consists of TWO microphones and TWO receivers which can be quickly and easily installed. Unlike many of the intercommunicating systems on the market today this one includes a special amplifier at each receiver and is equipped with both a gain or volume control and a tone control. Reproduction is always life-like and clear. 25 ft. of connecting cable is furnished with the system. Additional cable can be added if desired.

Model 504-P-Lafayette Intercommunicating System complete with tubes and two 25 ft. connecting cables.

Shpg. wt. 50 lbs.  
 Code Senik. List price \$99.00.

Your Cost **\$49.50**



YQ16145 - Additional connecting cable.  
 Per foot..... 5c  
 (One required for each unit.)

# Crystal MIKE

## Announcing SYSTEM

THIS announcing system will be found to be of great value in many industries.

## LESS THAN 5 MINUTES INSTALLATION

IN Bus stations for announcing the arrival and departure of buses, in restaurants for calling counter orders to the chef in the kitchen, in department stores for lectures and demonstrations and for many other similar purposes has this unit been designed. It is a complete system within itself.



## EMPLOYS CRYSTAL MICROPHONE

THE microphone used is of the crystal type and therefore does not require any battery current and is absolutely free from hiss. The amplifier used is the Lafayette 5 Watt Ultra High Gain Amplifier described at the top of this page. The complete unit is mounted with the speaker in an attractive hardwood case and installation is so simple that it can be installed in less than 5 minutes.

System No. 509-P-Complete with tubes but less microphone equipment. Shpg. wt. 25 lbs. Code Salpo. List price \$47.50.

Your Cost..... **\$23.50**  
 YM13575 - Crystal Hand Microphone. Shpg. wt. 5 lbs.  
 Your Cost..... \$14.70

# Lafayette

MAXIMUM POWER-LOWEST COST

# HIGH-GAIN AMPLIFIER

## INEXPENSIVE P.A. AMPLIFIER

- ★ Two High Gain Channels
- ★ Uses Crystal Mikes without Pre-Amplification

A TRULY fine amplifier at a price that defies competition! Its conservatively rated output makes it suitable for the greatest majority of public address installations, and its many outstanding features greatly simplify the complete installation.

The two high impedance-high gain inputs provide an electronically controlled mixer that permits the mixing and fading of two microphones, microphone and phonograph, microphone and radio, or any two inputs desired. These controls are absolutely quiet in operation.

### OVERALL GAIN OF 97 db

Another unusual feature is the exceptionally high gain available which makes unnecessary the use of a pre-amplifier, when a crystal microphone or other equally low level input device is employed. When a velocity or ribbon microphone is to be used only a simple Lafayette "Velocity Adapter" is required.

### AVAILABLE WITH METAL TUBES

THIS amplifier is also available with metal tubes in place of several of the glass types. When supplied with these tubes the amplifier tube line-up consists of two 53's, one 6J7, two 6F6's and one 83V. It will be noted that only four of the six tubes used are metal types, this is because no metal tubes are at present available to replace the other two types. Performance is identical in every respect regardless of which type of tube is used, but amplifiers designed for the metal tube cannot be used with the glass tube and vice versa.

### EXCELLENT FREQUENCY RESPONSE

THE low price of the Model 125A Amplifier does not preclude "wide range" frequency response as the accompanying curve will show. Down only 1 db at 50 cycles and 3.5 db at 10,000 cycles its response is much better than required for ordinary public address installations. Note that this response is obtained with the output transformer.



- ★ Available with Metal or Glass Tubes
- ★ Built-in Mixer at no extra cost

The four stage circuit makes use of a type 53 tube as mixer followed by a 57 voltage amplifier working into a 53 driving a pair of 2A5's in class "A" Prime. The rectifier is a type 83V. The overall gain of 97 db is obtained with an harmonic content of only 4%. The plate to plate load impedance required is 8000 ohms. When supplied with the output transformer, the output impedances available are .7 to 15 ohms for voice coils and 250 or 500 ohms for lines.

### FLEXIBILITY OF INPUT

THIS new Lafayette 12 watt amplifier will operate from practically any input impedance, without a matching transformer provided a minimum of .014 volts is available from the driving source. It is particularly suited for use with extremely high impedance devices, such as crystal microphones and pickups, and will give excellent reproduction at all frequencies with these units. Very low impedance devices require a matching transformer.

## FULL OUTPUT WITH CRYSTAL MICROPHONES

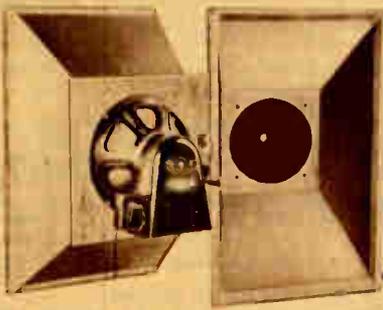
### Technical Characteristics

#### OUTPUT

- Peak ..... 10 watts
- Max. into tube load ..... 15 watts
- Max. into 500 ohm line .. 12 watts
- Harmonic Content (at rated outputs) 4%
- Gain ..... 97 db
- Hum level ..... -47 db
- Power consumption from line ... 88 watts



A Lafayette  
Laboratory-Tested  
Product



CLOSED VIEW SHOWING  
PROTECTING STEEL COVER

Model 126-A (Glass tubes); Model 126-B (Metal tubes)—Lafayette 12 W. Amplifier without output transformer and less tube. Dimensions: 7" deep, 16" wide, 8 1/4" high. Shpg. wt. 32 lbs. Code: 126-A Ampeon, 126-B Ambeb. List price \$35.90.

Your Cost, Either Type ..... **\$17.95**

Model 127-A (Glass tubes); Model 127-B (Metal tubes)—Lafayette 12 W. Amplifier with tubes but with output transformer. Shpg. wt. 35 lbs. Code: 127-A Ambul; 127-B Amnet. List price \$42.00.

Your Cost, Either Type ..... **\$21.50**

Kit of Glass Tubes. Your Cost ..... \$3.60

Kit of Metal Tubes. Your Cost ..... \$5.10

Model 240-A—Lafayette "Velocity Adapter" to adapt above amplifiers for use with high impedance ribbon mikes. Shpg. wt. 7 lbs. Code Ambeb. Your Cost ..... **\$6.95**

System No. 503-P—Consists of one 126-A Amplifier with tubes, one XM13363 crystal microphone, with floor stand and 12 ft. of cable, two AC P.A. Speakers XW19375, two demountable flare baffles YM19838. Shpg. wt. 115 lbs. Code Semil. List price \$149.00.

Your Cost ..... **\$75.50**

System No. 504-P—Same as above but with Model 127-B metal tube amplifier. Code Sapal.

Your Cost ..... **\$77.50**

velocity  
model

# 15 WATT AMPLIFIER

FOR . . DANCE HALLS . . AUDITORIUMS . . CLUBS, ETC . .

## A New Lafayette Development!

● SUFFICIENT GAIN FOR HIGH IMPEDANCE VELOCITY MIKES

● FULL 15 WATTS INTO 500 OHM LINE

**Built-in 2 Channel Mixer**

## Velocity Mike Operation *Without* Pre-Amplifier



ONE of the most efficient amplifiers ever developed - has sufficient gain to use high impedance velocity microphones and crystal microphones without additional pre-amplification. Has a gain of 112 db, yet uses only a total of six tubes. Two 6C6's are used as electronic mixers, 79 as phase inverter and two 6B5's in the output stage. A 5Z3 tube is used as rectifier.

### TWO CHANNEL MIXER

Two input signals can be mixed under perfect control in the electronic mixer stage. This mixer is absolutely noiseless in operation. A voice announcement can be superimposed on a musical background or one microphone pickup can be emphasized over the other in order to bring up the weaker instruments in an orchestra, etc.

### FULL 15 WATTS INTO 500 OHM LINE

The output of the Model 173-A is 15 watts into a 500 ohm line, not merely into the plate impedance. At this output the harmonic content - the real indication of amplifier quality - is only 5 1/2%.

This amplifier is supplied with or without an output transformer. Without the transformer the load impedance required is 10,000 ohms plate-to-plate. With the transformer the output impedances available are 7 to 15 ohms for speaker voice coils and 250-500 ohms for lines.

Construction throughout is typically Lafayette. No detail has been overlooked that would add to finer performance or longer trouble-free service. Every component has a wide safety factor.



The above curve illustrates the remarkable frequency response of this amplifier as measured into the 500 ohm line.

**Model 172-A**-Lafayette Velocity Model 15 watt Amplifier with mixer less tubes and output transformer. Dimensions: 13 1/4" wide, 12" deep, 10" high. Shpg. wt. 42 lbs. Code Amion. List price \$49.50. **Your Cost . . . . . \$24.75**

**Model 173-A**-Lafayette Velocity Model 15 watt Amplifier with output transformer but less tubes. Shpg. wt. 46 lbs. Code Ampra. **Your Cost . . . . . \$27.95**  
Kit of tubes for above amplifiers. **Your Cost . . . . . \$4.75**

### COMPLETE INEXPENSIVE SYSTEMS

**System No. \$26-P**-Consists of the Model 173-A Amplifier, one Amerite Model 13565 high impedance Velocity Mike with 25 ft. cable, one XM13528 floor stand, two XW19375 Rola PA Special AC speakers, two XY19838 flare baffles and all tubes. Shpg. wt. 195 lbs. Code Semin. List price \$195.00. **Your Cost . . . . . \$97.50**

**System No. \$27-P** is essentially the same as the above but with Model XM13473 Crystal Microphone and the XM13528 floor stand with 25 ft. of cable in place of the velocity mike. Shpg. wt. 190 lbs. Code Salva. List price \$171.50. **Your Cost . . . . . \$85.75**

Additional speakers are listed on page 82; baffles on page 81.

### TECHNICAL CHARACTERISTICS

Peak output . . . . .	24 watts
Max. into 10,000 ohm plate load . . . . .	18 watts
Max. into 500 ohm line . . . . .	15 watts
Harmonic content at rated output . . . . .	5 1/2%
Gain . . . . .	112 db
Non lossy . . . . .	-48 db
Power consumption from line . . . . .	105 watts

A LABORATORY TESTED *Lafayette* PRODUCT

# Lafayette's Proudest Achievement

- EXCEPTIONALLY HIGH GAIN OF 124 DB.
- LOW HUM LEVEL—FULL 15 WATTS OUTPUT
- BUILT-IN TWO POSITION MIXER
- METAL TUBE MODEL AVAILABLE

Designed for  
**Dual Velocity**  
**MIKE OPERATION**

**Highest Gain**  
**LOW-PRICED**  
**AMPLIFIER**  
Ever Developed



Unquestionably the most sensational amplifier developed to date. For extreme compactness—wide range frequency response—and exceptionally high gain it has no equal anywhere at this low price. A tremendous gain of 124 db. is obtained with an extremely low hum level. This high gain permits the use of any type velocity microphone or low level "sound-cell" crystal microphone without any pre-amplification whatsoever.

### TWO-CHANNEL MIXER BUILT-IN

A two-position electronic mixer, providing two high gain channels, is incorporated in the amplifier. Any two inputs can be fed into these channels and can be faded and mixed as desired. The inputs are at high impedance and can be used with any high impedance input device or with low impedance devices by using suitable matching transformers.

An entirely new circuit was developed for this amplifier. It consists of two type 75 tubes as voltage amplifiers, one 6A6 as mixer, a 76 voltage amplifier, followed by a 42 driving two 42's in an entirely new application of pentode Class A Prime operation. 83 used as rectifier. Tone control provided for altering high frequency response to suit individual preferences.

### METAL TUBE MODEL AVAILABLE

A model is available incorporating some of the new metal tubes. This model makes use of 2 6F5's as voltage amplifiers, one 6A6 as mixer, one 6C5 as voltage amplifier, one 6F6 as driver driving two 6F6 in the pentode "A" prime output stage. An 83 rectifier tube is used.

The output of 15 watts into the 500 ohm line is the actual usable output and not merely the output into the tube load impedance. Output impedances available: 7 up to 15 ohms for voice coils and 250-500 ohms for lines.

**Model 247-A—Lafayette Dual-Velocity Amplifier as described with output transformer, less tubes. Dimensions: 7" x 6 1/2" x 3 1/2" high. Shpg. wt., 36 lbs. Code Amnin. List price \$69.00. Your Cost **\$34.50****

**Kit of Matched Tubes. Your Cost \$4.40**

**Model 251-A—Same as Model 247-A but for use with metal tubes. Code Amfil. List \$69.00. Your Cost \$34.50**

**Kit of Metal Tubes: 2-6F5's, 3-6F6's, 1-6C5, 1-6A6, 1-83. Your Cost \$7.25**

**System Model No. 550-P—Consists of Model 247-A amplifier complete with tubes, one Amperite RBH YM13565 velocity mike with floor stand and 25 feet of cable, two special P.A. speakers YM19375 with two YM19838 flare baffles. Shpg. wt., 124 lbs. Code Sabin. List \$209.00. Your Cost **\$104.50****

**551-P as above but with two velocity mikes and stands. Code Sesme. Your Cost \$157.00**

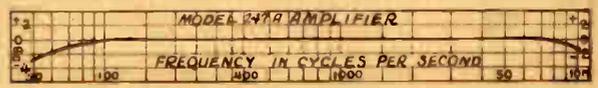
**552-P as above but with one Sound-Cell mike and stand. Code Seran. Your Cost \$118.00**

**Any of the above systems with Model 251-A amplifier add \$2.85**

CLOSED VIEW SHOWING PROTECTING STEEL COVER

### TECHNICAL SPECIFICATIONS

- Peak Output..... 20 Watts
- Max. output into 10,000 ohms... 10 Watts
- Max. output into 500 ohm line... 15 Watts
- Harmonic content at rated outputs... .6%
- Gain... 124 db. Hum level... .4 db.
- Power consumption from line... 90 Watts



The above curve shows the excellent frequency response obtained from this amplifier.

# NEW

# Lafayette

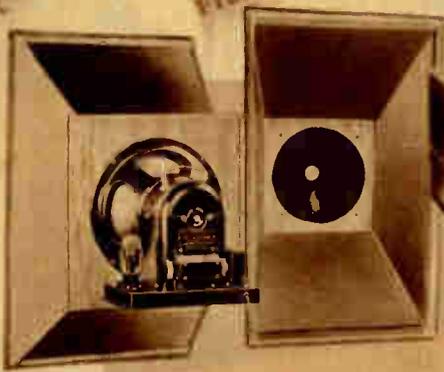
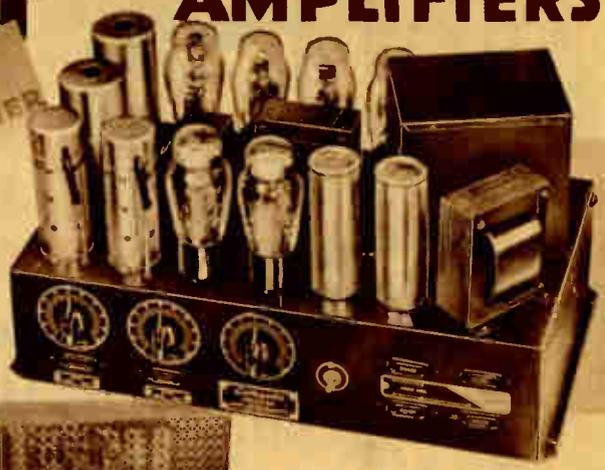
# 4

# FUNCTIONAL AMPLIFIERS

1 ELECTRONIC TWO-POSITION MIXER

7 FIELD SUPPLY

4 POWER AMPLIFIER



### TECHNICAL CHARACTERISTICS

- Peak output ..... 38 watts
- Max. into 4000 ohm load ..... 31 watts
- Max. into 500 ohm load ..... 25 watts
- Harmonic content at rated outputs ..... 5%
- Gain ..... 124 db Hum level ..... -42 db
- Power consumption from line ..... 180 watts

- Extremely High Gain
- Two Position Mixer
- 30 Watts Field Supply



### NEW LAFAYETTE 4-FUNCTIONAL AMPLIFIER

AGAIN LAFAYETTE proves its leadership in the popularly priced public address field! Always striving for higher efficiency, and greater simplification, Lafayette engineers now present a new amplifier that does more, and does it better, than any amplifier available today at anywhere near its price.

#### FOUR FUNCTIONS IN ONE

This amazing new amplifier actually takes the place of four separate units!

**FIRST:** It has an extremely high gain. This makes unnecessary the use of a pre-amplifier. High impedance velocity microphones, crystal microphones and sound-cell microphones can be connected directly.

**SECOND:** Two high-gain input circuits eliminate the need for a separate mixer. Any two inputs can be faded and mixed as desired.

**THIRD:** It is a highly efficient power amplifier having an output of 25 watts into a 500 ohm line. More than ample for the average installation.

**FOURTH:** Thirty watts of field supply, entirely independent of the filter system, makes unnecessary the use of a separate field exciter and saves from ten to twenty dollars on every installation.

#### TEN TUBE CIRCUIT

A unique circuit providing the exceptionally high gain of 124 db uses ten tubes as follows: two 75's as voltage amplifiers, one 6A6 as mixer, one 76 as voltage amplifier, one 59 driver and four 2A3's in a push-pull-parallel semi-class "AB" stabilized-bias output stage. One 83 as rectifier. Extreme precautions were taken in the design of this unit to eliminate hum. Only after considerable research was this accomplished by an entirely new method that permits such high gain in so compact a unit.

### EXCELLENT FREQUENCY RESPONSE

DESPITE the high gain of this unusual amplifier the frequency response is excellent as can readily be seen by referring to the response curve shown herewith. This feature is of extreme importance when high quality microphones are to be used.

### OUTPUT TRANSFORMER INCLUDED

NOTE that the response curve shown was taken with the output transformer. A high quality output transformer having voice coil impedances of 7 to 15 ohms and line impedances of 250 and 500 ohms is built into the amplifier.

**Model 260-A—Lafayette 4-Functional Amplifier complete with output transformer, less tubes. Dimensions: 9 1/2" by 16 1/2" by 9 1/2" high. Shpg. wt. 90 lbs. Code Amqok. List price \$85.00. **Your Cost \$42.50****

**Kit of Matched Tubes \$6.40**  
**System No. 525-P—Consists of Model 260-A Amplifier, tubes, two YW19374 P.A. special speakers (DC), and two YY19838 demountable flare baffles. No mike equipment. Shpg. wt. 175 lbs. Code Sifron. List price \$145.00. **Your Cost \$72.50****

**System No. 524-P is exactly the same as the above but with two ROLA High-Fidelity DC speakers and two YY20053 directional baffles instead of those listed. No mike equipment. Code Sdede. List price \$159.00. **Your Cost \$79.50****

**Mike Combination No. 575-P consists of a model RBH Amperite microphone YN13565, one YM13528 floor stand and 25 ft. of mike cable. Shpg. wt. 14 lbs. Code Scafa. **Your Cost \$32.65****

**Mike Combination No. 576-P consists of one YM13419 Shure "Sound-Cell" microphone, one YM13528 floor stand and 25 ft. of cable. Shpg. wt. 16 lbs. Code Sbaka. **Your Cost \$46.00****

**Mike Combination No. 577-P consists of one YM13473 Shure crystal microphone, one YM13428 floor stand and 25 ft. of cable. Shpg. wt. 14 lbs. Code Spara. **Your Cost \$19.95****



**FULL OUTPUT**  
*with*  
**HIGH-IMPEDANCE**  
**VELOCITY**  
*and*  
**SOUND CELL**  
**MICROPHONES**

Lab Tested  
and  
Certified

BUILT-IN  
TWO POSITION  
ELECTRONIC MIXER  
•  
ULTRA-HIGH GAIN  
PERMITS FULL OUTPUT  
WITH CRYSTAL  
MICROPHONES

"WIDE RANGE" QUALITY  
FOR AUDITORIUMS  
AND THEATRES

•  
LOW TUBE AND  
OPERATING  
COST

# DeLuxe Full Range - High Gain AMPLIFIER

POWER, overload handling capacity, true tone fidelity, etc., are features that characterize this new Lafayette Model 115-A Amplifier. Employing a total of nine tubes, this new amplifier provides a performance that is truly startling in its lifelike reproduction and tremendous power output. For installations in theatres, school auditoriums, dance halls and similar places, no finer amplifier could be desired. Its output rating is very conservative, as can readily be realized when its peak or overload wattage of 48 watts is compared with its actual rating of 30 watts into a 500 ohm line - a difference of over 50%! The harmonic content at its rated output is only 5%.

## CLASS "A PRIME" CIRCUIT

The circuit employed is of the type known as Class AB or "A Prime" and uses the following tube combination: one type 79 as electronic mixer, another 53 as voltage amplifier, followed by a 2A3 driving four 45's in push-pull-parallel. Two complete power supply systems are incorporated, each with its own rectifying tube and brute force filter. One supplies plate voltage, and the other furnishes constant, unvarying bias voltage for the driver and output stages.

## BUILT-IN TWO POSITION MIXER

An extremely valuable feature, that in most cases eliminates an extra piece of equipment, is the built-in two position mixer. This feature permits the gradual fading in and out of the mixing of two separate inputs. The two channels available are both high gain channels and either one can therefore be used with crystal microphones and similar low level devices.

## INPUT AND OUTPUT IMPEDANCES

Input circuits are both of the high impedance type and can therefore be used directly with crystal microphones, high impedance phono-pickups, etc., without the use of matching transformers. An extremely efficient output transformer is built into the amplifier and provides the following output impedances: 7 to 15 ohms for voice coils and line impedances of 250 and 500 ohms. Thus it is possible to use the amplifier with practically any type of speaker.

## WIDE RANGE QUALITY

The accompanying frequency response curve shows that the Model 115-A 30 Watt Amplifier is a wide range unit. The response is down only 4 db at 50 cycles and 3 db at 10,000

cycles. Reproduction of radio, microphone and pick-up signals is clean and crisp at all volumes.

Model 117-A-Lafayette 30 Watt Amplifier complete with mixer but less tubes. Dimensions: 12" deep, 13" wide, 10" high. Shpg. wt. 57 lbs. Code Amcor. List price \$79.00. Your Cost **\$39.50**

Kit of Tubes for the above: 2-53, 1-2A3, 5-45 and 1-83. Your Cost.....\$4.85

Model 243-A-Lafayette "Velocity Adapter" for adapting the Model 117-A amplifier for use with high impedance velocity mikes. Code Amdan. Your Cost.....\$6.95

System No. 515-P - Consists of Model 117-A Lafayette 30 Watt Amplifier as described complete with two position mixer and all tubes, one model YM13473 crystal microphone, floor stand and 12 ft. of cable, four ROLA high-fidelity AC speakers with four flare type baffles. Shpg. wt. 162 lbs. Code Sempil. List price \$285.00.

Your Cost **\$137.50**

System No. 516-P-Same as above but with XN13565 Amerlite RBH Velocity Mike and Lafayette "Velocity Adapter" instead of crystal mike. Shpg. wt. 162 lbs. Code Sefir. List price \$325.00. Your Cost.... **\$157.50**



## TECHNICAL CHARACTERISTICS

Peak Output ..... 48 watts  
Max. into tube load ..... 36 watts  
Max. into 500w line ..... 30 watts  
Harmonic content ..... 5%  
Gain... 101 db Hum level... -58 db  
Power Consumption ..... 180 watts



## VELOCITY MIKE ADAPTER

This simple adapter, requiring no other power source than that furnished by the amplifier, permits using low level velocity microphones with the 115-A amplifier.



Full 30 Watts into  
500 Ohm Line

CLOSED VIEW SHOWING  
PROTECTING STEEL COVER



# 4 IN Lafayette's

**35 Watt**

- ① Mixer
- ② Pre-Amplifier
- ③ Power Amplifier
- ④ Field Supply



## ULTRA HIGH GAIN WIDE RANGE AMPLIFIER

Completely SELF-CONTAINED on a SINGLE Chassis

● 50 Watts Peak

● 122 db GAIN

RISING to the greatest heights ever achieved in amplifier efficiency, this new Lafayette 4 in 1 Amplifier is without doubt the most astounding amplifier ever developed. It incorporates within itself the capability of functioning as a two channel mixer, a high-gain pre-amplifier, an extremely efficient power amplifier and also serves as a 40 watt field supply. Never before has an amplifier been available having all of these features in so compact a form.

Measuring 9½" by 16½" by 9½" high it has the extraordinarily high gain of 122 db from input to output and a very conservatively rated power output of 35 watts into a 500 ohm line. At this output it has a harmonic content of only 6%.

Its peak output of 50 watts gives same indication of the conservativeness with which this amplifier is rated. The two position mixer provides two high gain channels for use with high impedance velocity microphones, crystal microphones, or sound cell microphones. Either input can be faded in or out or the two mixed together as desired.

The frequency response of the amplifier is excellent which of course is necessary if justice is to be done to the full capabilities of the velocity microphone. A tone control is also provided so that the high frequency response can be adjusted to suit individual preferences. All controls are at the front of the amplifier.



USES SOUND CELL VELOCITY MICROPHONES



The response curve shown at the left was taken with the output transformer.

### TECHNICAL CHARACTERISTICS

- Peak output ..... 50 watts
- Max. into 3000 ohm load .... 43 watts
- Max. into 500 ohm line ..... 35 watts
- Harmonic content at rated output . 6%
- Gain ..... 122 db
- Hum level ..... 42 db
- Average drain from line .... 190 watts

Ten tubes are used in the new Lafayette 4 in 1 Amplifier as follows: two 2A6's as voltage amplifiers, one 53 as mixer, one 56 as voltage amplifier, a 59 as driver and four 46's in push-pull-parallel in the Class "B" output stage, 83 Rectifier. Field supply for four 1250 ohm fields at 10 watts each (total 40 watts at 5000 ohms) is available from the amplifier. This is not part of the filter system and makes possible a considerable saving in field exciter cost alone.

Model 254-A - Lafayette 4 in 1 Ultra High Gain "Wide Range" 35 Watt Amplifier as described above, less tubes but including output transformer with .7 to 15 ohms voice coil and 250-500 ohms line impedances. Overall dimensions: 9½" by 16½" by 9½" high. Shpg. wt. 90 lbs. Code Amphi. List price \$95.00. **\$47.50**

Kit of Matched Tubes including 2 - 2A6's, 1 - 53, 1 - 56, 1 - 59, 4 - 46's. **\$5.75**

System No. 564-P—Consists of the Model 254-A Amplifier with tubes, one Amperite RBH Velocity Mike No. YN13565, floor stand No. YM13528 with 25 ft. of cable, two ROLA High-Fidelity DC Speakers YW19302 and two directional baffles No. YY20053. Shpg. wt. 140 lbs. Code Sakul. List price \$230.00. **\$115.00**

System No. 565-P—Same as the above but with four Lafayette P.A. Special speakers and directional baffles. Shpg. wt. 140 lbs. Code Samen. List price \$290.00. **\$145.00**

Either of the above systems with Sound Cell Mike YM13419. Add \$15.50

System No. 569-P—Consists of the Model 254-A Amplifier with tubes, two Amperite RBH Velocity Mikes No. YN13565, two floor stands No. YM13528 with 25 ft. cable, four ROLA High-Fidelity DC speakers YW19302 and four directional baffles No. YY20053. Shpg. wt. 190 lbs. Code Savin. List price \$355.00. **\$177.50**

System No. 570-P—Same as the above but with two Shure Sound Cell Microphones No. YM13419 complete with floor stands and 25 ft. of cable instead of the velocity mikes. Shpg. wt. 190 lbs. Code Sates. List price \$409.00. **\$204.50**

# Remote Control 6 volt 110 volt AMPLIFIER

## Instant Conversion from 6 V. to 110 V. Operation

THE MODEL 143-A amplifier is a compact remote-controlled unit that can be mounted in the same manner that an auto radio is mounted and can be controlled from the steering column. Line switch and pilot light are on the case-volume control and stand-by switch, to shut off the generator, is mounted on the remote control. Case dimensions are 12" by 7 1/4" by 7 1/2".

### CRYSTAL MIKES USED

The tremendous gain of 104 db permits the use of crystal mikes without pre-amplification. Technical specifications are as follows: Gain 104 db—Peak Output, 18 watts—Max. output into plate impedance, 15 watts—Max. into 500 ohm line, 12 watts—Harmonic content at rated outputs, 6%—Power consumption, 14 amperes at 6 volts. Tubes used are: 1-6C6 voltage amplifier, 6A6 phase inverter, 2-6B5 in the output. Output transformer included has 7 to 15 ohm and 250 to 500 ohm output impedances.

Model 143-A - Lafayette Auto Amplifier with remote control unit. Less tubes. Shpg. wt. 25 lbs. Code Amlor. List price \$79.00.

Your Cost **\$39.50**

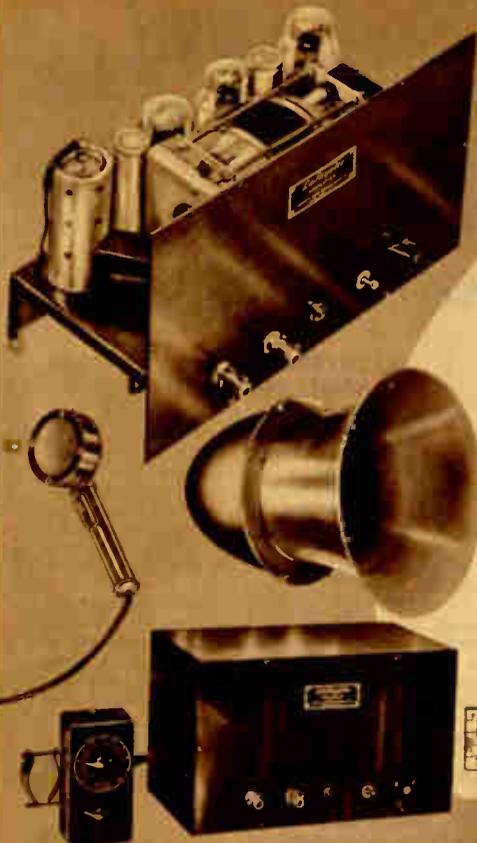
Kit of Tubes for above amplifier. Your Cost **\$3.77**

Model 1050-PP - Special AC Power Pack for above amplifier. With 83 tube Dimensions: 8 1/2" wide, 6 1/2" deep, 6 3/4" high. Shpg. wt. 23 lbs. Code Plema. List price \$16.50. Your Cost **\$8.25**

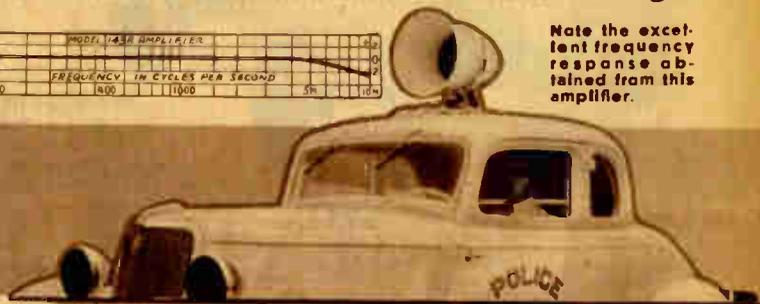
Sound System No. 586-P—Consists of Model 143-A amplifier complete with tubes, one model XM13575 crystal hand microphone with 12 ft. cable, one ROLA high-fidelity 6 volt speaker and one YY20044 Dome baffle with flexible fixture mounting. Shpg. wt. 60 lbs. Code Space. List price \$163.00. Your Cost **\$81.50**



Note the excellent frequency response obtained from this amplifier.



An interesting application of a six volt system is that used by an Eastern City's police department cars. Stationed at strategic points, or cruising on the streets, these cars permit the instant warning of traffic violators without impeding traffic.



## Lafayette Multi-Duty Portable

HERE it is—the system you have been looking for. A powerful, clear-toned public address system for your car that will operate from the car battery without any extra attachments, or power packs, of any kind. Use it for outdoor advertising, speeches, etc., and then fold it up... carry it into the house... and use it for any indoor P.A. work by operating it on any 110 V. 60 cycle AC line! No fuss—no bother, merely by changing two simple plugs, it is instantly convertible from 6 volt to 110 V. operation.

It incorporates within a single case, the Model 270-A amplifier illustrated and described on page 66, a Rola high-fidelity speaker, an AC pack for the amplifier and an AC pack for the speaker. The speaker is equipped with 50 ft. of cable. The output wattage of the system is exactly the same regardless of which power source (6V or 110V) it is operated from.

### CRYSTAL OR VELOCITY MIKES CAN BE USED

Either crystal or high-impedance velocity microphones can be used. Two input circuits are provided, and the built-in electronic mixer permits the fading, or mixing, of any two inputs. The input circuits are at high impedance and high impedance pickups can be connected directly, without resorting to matching transformers.

### SPECIAL PORTABLE 6V-110V. PHONOGRAPH AVAILABLE

A special portable phono-record reproducing unit is available for the reproduction of phonograph recordings. This unit is equipped with a 6 volt two speed motor and a 110 V. AC pack so that it is an ideal companion unit for this system. It is furnished in a leatherette covered carrying case to match the Multi-Duty Portable.

System No. 588-P - Lafayette Multi-Duty Portable as described including amplifier, speaker, AC pack for amplifier and AC pack for speaker. Less tubes and microphone equipment. Dimensions: 17 1/4" x 13 1/2" x 8" high. Shpg. wt. 35 lbs. **\$96.50** Code Shot. List price \$194.00. Your Cost

System No. 589-P—Same as above but for 6 Volt operation only. Shpg. wt. 25 lbs. Code Sikel. List price \$149.00. **\$74.50** Your Cost

Kit of Tubes for either system. Your Cost **\$3.75**

Microphone Combination No. 512-P - Consisting of No. YM13473 crystal microphone, No. YM13428 floor stand, 25 ft. of mike cable. **\$19.95** Shpg. wt. 14 lbs. Code Skife. Your Cost

Microphone Combination No. 513-P—Consisting of No. YW13565 Amperite RBH Velocity Mike, No. YM13528 floor stand and 25 ft. of cable. Shpg. wt. 14 lbs. Code Sjarf. Your Cost **\$32.50**

Model No. 514-P—Lafayette 6V-110V. Phono-Portable as described. Shpg. wt. 43 lbs. Code Spece. List price \$85.00. Your Cost **\$42.50**



Instant conversion  
from 6V. DC  
to 110V. AC  
Full 15 WATT output

# Lafayette 15 Watt CONVERTIBLE AMPLIFIER

6 VOLT D.C. • 110 VOLT A.C. Operation

## USE CRYSTAL OR VELOCITY MIKES WITHOUT PRE-AMPLIFICATION

DESIGNED particularly for the sound man, who makes a specialty of renting public address systems and therefore requires a unit that is universal in application, and for the user of public address equipment, who desires an amplifier that he can use on his truck for outdoor advertising as well as indoors for general P.A. work, this new Lafayette 15 watt convertible amplifier fulfills a definite need.

It is powerful—more than ample for average work. It is sensitive—and therefore does not require pre-amplification for use with crystal microphones or high impedance velocity microphones. It is clear toned—frequency response flat within 2 db from 50 to 10,000 cycles. It is rugged—heavy spot welded steel chassis and oversize components assure long and trouble-free service.

## HIGH GAIN CIRCUIT ELIMINATES PRE-AMPLIFIER

Due to extremely careful design an exceptionally high gain of 115 db has been obtained. This feature eliminates the need for a separate pre-amplifier and permits the direct connection and full output from crystal and high impedance velocity microphones.

## TWO POSITION MIXER

An electronic two channel mixer provides two high gain channels each of which has exactly the same gain. Either of the channels can be faded in or out or mixed together as desired. Both input circuits are at high impedance and can therefore be used with any high impedance input device without resorting to matching transformers. Controls are quiet in operation.

## EXCELLENT FREQUENCY RESPONSE

AN entirely new circuit employing two 6C6's as mixers, one 79 as voltage amplifier, a 59 as driver and two 6A6's in a class "B" output stage makes possible an exceptionally fine frequency response with an output of 15 watts into a 500 ohm line. Note that this output is actually into the line and is therefore the usable output.

A glance at the frequency curve shown on this page will verify the excellent response of this unusual amplifier. This faithful reproduction is of great importance if the full advantages of velocity and crystal microphones are to be realized.

## RUGGED CONSTRUCTION

Construction throughout is extremely rugged to withstand the vibration incident to mobile operation. All components have wide safety factors.



## TECHNICAL CHARACTERISTICS

Peak output ..... 24 watts  
 Max. output into plate impedance ..... 18 watts  
 Max. output into 500-ohm line ..... 15 watts  
 Harmonic content ..... 6% Gain ..... 115 db

Power consumption 96 watts, 16 amp. from 6-v. battery  
 Model 270-A - Lafayette 15 watt Convertible Amplifier complete with output transformer and built-in mixer but less tubes. Dimensions overall: 14 1/2" wide, 10 1/4" deep and 8 3/4" high. Shpg. wt. 35 lbs. Code Amgon. List price \$79.00. Your Cost ..... \$59.50

Model 281—Same as above but less mixer and for crystal mike operation only. Gain 97 db. Less tubes. Code \$29.50  
 Amfor. List price \$59.00. Your Cost .....

Kit of Matched Tubes: 2-6C6's, 1-79, 1-59, 2-6A6. Your Cost \$4.05  
 Model 1052-PP—Special AC Power Pack for operating the Model 270-A amplifier from 110 V. 60 cycle AC line. 12" wide, 7 1/4" deep and 6 3/8" high. With 83 rectifier tube. Shpg. wt. 27 lbs. Code Plire. List price \$17.90. Your Cost ..... \$8.95

System No. 510-P—Consists of the Model 270-A amplifier complete with tubes, two vari-acoustic trumpets No. YY20041, and two Lafayette cone speaker units No. Y19830. Microphone equipment not included. Shpg. wt. 160 lbs. Code Slona. \$92.50  
 List price \$185.00. Your Cost .....

Microphone Combination No. 594-P—Consists of the Model YM13565 Amperite high-impedance velocity mike mounted on a Model YM13528 floor stand and equipped with 25 ft. of cable. Shpg. wt. 15 lbs. Code Smina. \$32.50  
 Your Cost .....

Microphone Combination No. 595-P—Consists of the No. YM13363 Shure crystals mike mounted on a No. YM13473 floor stand and equipped with 25 ft. of cable. Shpg. wt. 14 lbs. Code Sneka. Your Cost ..... \$19.95

Microphone Combination No. 596-P—Consists of the Astatic crystal hand mike No. YN13597 equipped with 25 ft. of cable. Shpg. wt. 115 lbs. Code Sorof. \$15.50  
 Your Cost .....

Instant conversion from 6 v. to 110 v. Operation

# 30 WATT CONVERTIBLE AMPLIFIER

6 VOLT D.C. 110 VOLT A.C. Operation

## HIGH POWER FROM A SIX VOLT BATTERY

UNDOUBTEDLY the most powerful practical six volt amplifier ever designed. Its conservatively rated output of 30 watts into a 500 ohm line represents about the maximum available in six volt operated units. In order to obtain higher outputs than this it is necessary to use a gas-air engine driven generator to operate an AC amplifier.

## BATTERY FLOATS ON LINE

During normal operation of this amplifier, it is necessary to keep the engine of the car running, so that the battery floats across the generator output and is not called upon to supply much current.

## EXCELLENT FREQUENCY RESPONSE

The frequency response of this powerful amplifier is exceptionally fine as can readily be seen by referring to the response curve shown herewith. Note that this response curve was taken with the output transformer.

## HIGH GAIN CIRCUIT

Crystal microphones can be used directly without resorting to pre-amplification because of the unusual gain of 100 db. A carefully designed circuit employing a type 79 tube as electronic mixer, a 53 as voltage amplifier, a 59 as driver and four 79's in the output stage makes this possible.

## 6 VOLT OR 110 V. OPERATION

FOR use in large halls, auditoriums and dance floors this unit can readily be converted for operation on 110 V. 60 cycle alternating current. A simple AC pack, which plugs into the amplifier, instantly converts the Model 265-A amplifier into a standard AC type. The special generator, that is used for operation on six volts, is entirely disconnected from the circuit when the amplifier is operated on AC.

## VELOCITY ADAPTER AVAILABLE

Velocity microphones of the high impedance type can easily be used on this amplifier merely by using a simple Lafayette Velocity adapter. This compact little unit can be used regardless of the type of current supply the amplifier is being operated from. Can be connected or disconnected in a moment.



## TECHNICAL CHARACTERISTICS

Peak output ..... 45 watts  
Max. power output into plate impedance ..... 35 watts  
Maximum power into 500-ohm line ..... 30 watts  
Gain 100 db ..... Harmonic content ..... 7%  
Power consumption 120 wts., or 20 amp. from 6-v. bat.

Model 265-A—Lafayette 30 watt Convertible Amplifier complete with output transformer but less tubes. Dimensions: 18" wide, 9 1/2" deep and 10 3/4" high overall. Shpg. wt. 63 lbs. Code Amfeg. List price \$139.00. Your Cost..... **\$69.50**

Kit of Tubes: 1-79, 1-53, 1-59, 4-79. Your Cost..... \$5.00

Model 1045-PP—Special AC Power Pack for operating the Model 265-A Amplifier from 110 V. 60 cycle AC line. Dimensions: 12" wide, 7 1/4" deep and 6 5/8" high. With 83 rectifier tube. Shpg. wt. 29 lbs. Code Plute. List price \$25.00. Your Cost..... **\$12.50**

Model 1055-PP—Special Field Exciter for operating up to three six volt speaker fields from 110 V. 60 cycle AC. Dimensions: 4 1/2" high, 6" wide, 12" long. Shpg. wt. 10 lbs. Code Plava. Your Cost..... **\$14.50**

System No. 532-P—Consists of the Model 265-A amplifier complete with tubes, 2 Lafayette 6 ft. trumpets YX420047, 2 Lafayette Super-giant driving units YX20046. Mike equipment not included. Shpg. wt. 190 lbs. Code Sqate. List price \$339.00. Your Cost..... **\$169.50**

System No. 533-P—Same as the above but with four trumpets and four driving units. Code Srete. List price \$530.00. Your Cost \$265.00

Mike Combination No. 595-P—Consists of the Shure crystal microphone YM13473 mounted on a floor stand YM13428 and equipped with 25 ft. of cable. Shpg. wt. 14 lbs. Code Steke. Your Cost..... **\$19.95**

Mike Combination No. 596-P—Consists of the Astatic YM13597 crystal hand microphone equipped with 25 ft. of cable. Shpg. wt. 15 lbs. Code Svuvv. Your Cost..... **\$15.50**

Mike Combination No. 597-P—Consists of the Amperite RBH Velocity Microphone YM13565 mounted on a floor stand YM13528 and equipped with 25 ft. of cable. It also includes a Lafayette Velocity Mike Adapter 240-A. Shpg. wt. 20 lbs. Code Svake. Your Cost..... **\$39.50**

Most Powerful Practical 6 V. Amplifier Available

# Lafayette ECONOMY CRYSTAL PORTABLE

# Inexpensive "Wide-Range" PORTABLES



AN ENTIRELY new amplifier developed by Lafayette engineers now makes it possible to use a crystal microphone with an extremely compact portable such as is illustrated at the left. The clarity of reproduction and the freedom from carbon hiss that the crystal microphone provides can now also be enjoyed by the user of small systems. Despite this tremendous advantage this new portable sells for only..... **\$29.50**

TWO new wide range Portables at sensationally low prices. Housed completely within a single case, these two new Lafayette systems are the latest developments in wide range units designed particularly for small orchestras, singers and those desiring an inexpensive sound system capable of excellent sound reproduction of musical numbers. One model is designed particularly for use with a crystal microphone and the other for use with velocity

### MODEL 540-P PORTABLE SYSTEM

- For Operation with Crystal Mike
- Dual or Single Speaker Available
- Extremely Light and Compact

### MODEL 545-P AND 547-P SYSTEMS

- Complete in One Case
- Two Position Mixer
- Crystal or Velocity Mike Models

THE new Lafayette Model 540-P Portable System is an extremely light and compact unit designed particularly for use by window demonstrators, lecturers, side show barkers, small orchestras and others requiring voice or musical amplification in order to cover a larger audience. Previously, due to the limited amplification available in a small amplifier, only carbon microphones could be used. Now, however, due to the development of a new high gain compact amplifier Model 233-A, which is fully described on page 58, it is possible to use a crystal microphone which definitely banishes the annoying characteristic hiss of carbon microphones.

### SINGLE OR DUAL SPEAKERS

It also eliminates the need for button current and the extreme care necessary in handling the carbon microphone. Not only is the crystal microphone far clearer and crisper in its reproduction but it is also far more rugged and will stand considerably more abuse.

The complete system is housed within a single case. The front and back covers each hold an 8" dynamic speaker. Each speaker is equipped with a 25 ft. connecting cable. The system can be had with either one or two speakers. The outside dimensions of the case are 15 by 15 by 10 inches.

The complete unit is AC operated and no batteries of any kind are employed. It can be set up for operation in five minutes.

Model 540-P—Lafayette Portable with one speaker, less tubes. Dimensions: 15"x15"x10". Shpg. wt. 50 lbs. Net wt. 30 lbs. Code Sardas. List price \$59.00. Your Cost **\$29.50**

Model 541-P—Lafayette Portable with two speakers, less tubes. Shpg. wt. 55 lbs. Net wt. 35 lbs. Code Sedat. **\$33.50**

Complete Kit of Tubes..... **\$2.00**

Model YM13575—Crystal Hand Mike. List price **\$35.00**

Your Cost..... **\$14.70**

Model XM13363—Crystal Mike mounted on XM13428 floor stand and equipped with 25 ft. of cable. Your Cost..... **\$17.75**

Model 545-P is a 12 watt portable system especially designed for use with a crystal microphone. It is compact, light in weight and has an exceptionally fine frequency response. A two position mixer permits the mixing of two microphones or a microphone and phono-pickup, as desired. The amplifier Model 127-A is described on page 59. A special P.A. speaker of the AC type is used and additional speakers may be added if desired. The flap covering the speaker can be removed entirely and a demountable flare baffle easily attached. Overall case dimensions: 23"x17 $\frac{1}{4}$ "x9" deep. Shpg. wt. 56 lbs. Net. wt. 49 lbs.

Model 545-P—12 watt Portable less tubes and microphone. Code Seves. List price \$99.50. Your Cost **\$47.50**  
Complete Kit of Tubes..... **\$3.60**

Model XM13473—Crystal Microphone mounted on XM13528 floor stand and equipped with 25 ft. of cable. List price \$39.90. Your Cost..... **\$19.95**

Model 547-P is a 15 watt portable in the same case as the model listed above but incorporates the Model 247-A amplifier described on page 60. This model is especially designed for use with a high impedance velocity microphone and is particularly recommended for the amplification of music.

It employs the same P.A. AC speaker as the above model and can of course be used with additional speakers. The speaker is equipped with a connecting cable 50 ft. long and can be extended if desired. Overall dimensions: 23"x17 $\frac{1}{4}$ "x9" deep. Shpg. wt. 61 lbs. Net wt. 54 lbs.

Model 547-P—15 watt Velocity Portable less mike and tubes. Code Salma. List price \$119.00. Your Cost..... **\$59.50**

Complete Kit of Tubes..... **\$4.50**

Model XM13565—High Impedance Velocity Microphone mounted on XM13528 floor stand and equipped with 25 ft cable. List price \$65.00. Your Cost..... **\$32.50**

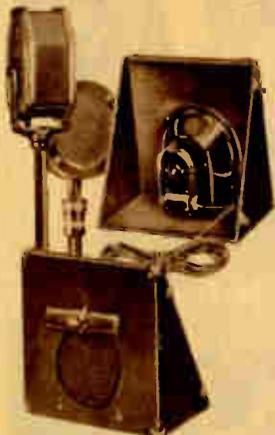
# NEW Lafayette COMBINATION PORTABLES

# DeLuxe High Fidelity PORTABLE SYSTEMS



COMBINING a phono-turntable and crystal pickup together with either a "wide range" crystal or velocity microphone amplifying system, these new portables, illustrated at the left, find great favor with lecturers and others requiring a musical interlude between speeches. They are available with either standard P.A. or special "High-Fidelity" speakers mounted in portable carrying cases. As many speakers as desired may be used.

The new Lafayette portables illustrated at the right offer a choice of three different output wattages and incorporate such outstanding features as: pre-amplification on each channel, three channel mixer, crystal, velocity, or sound-cell microphone operation, High-Fidelity speakers and High-Fidelity amplifier response. Where power output and tone are of prime importance these excellent units cannot be excelled.



## MODEL 530-P AND 531-P SYSTEMS

- Wide Range Record Reproduction
- Dual 12" Dynamic Speakers
- Crystal and Velocity Mike Models

Model 530-P consists of a dual-speed motor and 12" turntable with crystal pickup mounted in a fabric-covered carrying case together with the model 127-A amplifier described on page 59. This system is for use with a crystal microphone and incorporates a two position mixer for fading and mixing both the phono and mike inputs. Either the P.A. or High-Fidelity speakers may be used with this system.

Model 530-P-A 12 watt Combination Portable less speakers, tubes and mike. Dimensions: 23" x 17½" x 9" deep. Shpg. wt. 57 lbs. Net wt. 49 lbs. Code Safas. List \$125.00. **Your Cost \$57.50**

Complete Kit of Tubes. Your Cost..... \$3.60

Model XM-13473-Crystal Mike mounted on XM13428 floor stand and equipped with 25 ft. cable. Shpg. wt. 14 lbs. **\$19.95**  
Your Cost.....

Model 531-P-System is essentially the same as the above except that it includes the 15 watt Model 247-A Amplifier described on page 60 and is therefore for use with the high impedance velocity microphone. This system is particularly well suited for musical reproduction because of the excellent frequency response of the velocity microphone. We particularly recommend the use of the High-Fidelity speakers on this model though either type can be used.

Model 531-P-15 watt Combination Portable less speaker, tubes and mike. Dimensions: 23" x 17½" x 9" deep. Shpg. wt. 61 lbs. Net wt. 53 lbs. Code Saque. List \$139.00. **Your Cost \$69.50**

Complete Kit of Tubes..... \$4.40

Model YM13565-High Impedance Velocity Microphone mounted on YM13528 floor stand and equipped with 25 ft. cable. Your Cost..... **\$32.50**

Model 1040-PP-Pair of P.A. special AC Speakers mounted in portable carrying case as illustrated and equipped with 50 ft. cables. Dimensions: 19½" x 18½" x 11½" deep. Shpg. wt. **\$35.70**  
53 lbs. Net wt. 45 lbs. List \$..... Your Cost.....

Model 1041-PP-Pair of ROLA High-Fidelity Speakers in same case as above. For AC operation. Shpg. wt. 63 lbs. Net **\$44.00**  
wt. 55 lbs. List \$88.00. Your Cost.....

## MODEL 590-P, 591-P AND 592-P DE LUXE PORTABLES

- Three High Gain Channels
- Dual High Fidelity Speakers
- Three High Power Models

The 15 Watt Lafayette High-Fidelity DeLuxe Portable incorporates an amplifier similar to the model 247-A described on page 60 and a special Lafayette Electronic Mixer, that provides a stage of pre-amplification on each channel, within one case and a pair of Rola High-Fidelity speakers in another. An exceptionally high gain of 124 db. permits the use of high impedance velocity, crystal or sound-cell microphones. Cases are of heavy plywood 19½" x 18½" x 19".

Model 590-P-Lafayette 15 watt High-Fidelity System as described above complete with tubes but less mike. Shpg. **\$114.50**  
wt. 170 lbs. Code Sorti. List \$229.00. Your Cost.....

The 25 watt Lafayette High-Fidelity DeLuxe Portable is identically the same as the above but incorporates an amplifier similar to the Model 260-A described on page 62. It also has a gain of 124 db. and is mounted in the same size cases. Shpg. wt., 175 lbs.

Model 591-P-Lafayette 25 watt portable with tubes but less mike. Code Sloff. List price, \$249.00 **\$124.50**  
Your Cost.....

The 35 watt Lafayette High-Fidelity DeLuxe Portable is also the same as the above but incorporates an amplifier similar to the model 254-A described on page 64. The overall gain is also 124 db. and is mounted in the same size cases. Shpg. wt., 180 lbs.

Model 592-P-Lafayette 35 watt portable with tubes but less mike. Code Seqid. List price \$265.00. **\$132.50**  
Your Cost.....

Mike combination 580-P consists of the Amperite RBH velocity microphone YN13565, mounted on a floor stand YN13528 and equipped with 25 ft. of cable. Shpg. wt. 22 lbs. **\$32.50**  
Code Stema. Your Cost.....

Mike Combination 581-P consists of the Shure Sound-Cell mike YM13419, mounted on a floor stand YN13528 and equipped with 25 feet of cable. Shpg. wt., 16 lbs. Code Slite. **\$46.00**  
Your Cost.....

Mike combination 582-P consists of the Shure crystal mike YM13473, mounted on a floor stand YN13528 and equipped with 25 feet of cable. Shpg. wt., 14 lbs. Code Stote. **\$19.95**  
Your Cost.....

# Lafayette Semi-Portable

## HIGH FIDELITY

### 20 WATT TUNER-AMPLIFIER COMBINATION

#### Complete High Fidelity System Self-Contained 3 Position Mixer

FOR versatility and all-round usefulness there is nothing to compare with the new Lafayette High-Fidelity Radio-Audio Combination Unit. A single steel case contains a complete portable sound system, pre-amplifier, three channel mixer, and High-Fidelity radio tuner, yet measures only 19" x 8 3/4" x 12" overall. The Tuner is a true "high-fidelity" type responding to a band width 7,000 cycles wide and providing real "studio quality" reproduction. The Amplifier characteristics are as follows:

#### TECHNICAL CHARACTERISTICS

Peak output .....	35 watts
Maximum output into plate impedance .....	25 watts
Maximum output into 500 ohm line .....	20 watts
Harmonic content at rated maximum outputs .....	5%
Gain. 110 db Hum level .....	-50 db
Power consumption from line.	175 watts

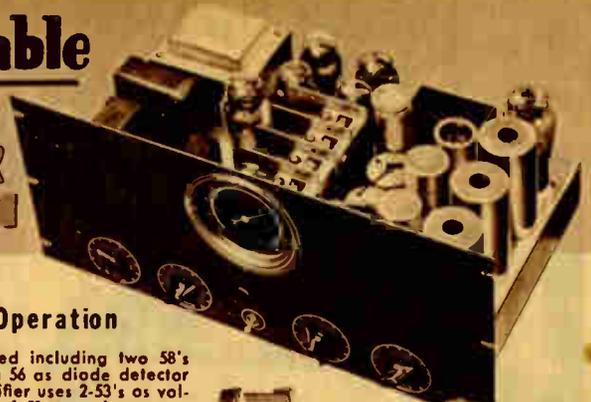
#### Direct Crystal or Velocity Mike Operation

TWELVE tubes are used including two 58's as RF amplifiers and a 56 as diode detector in the tuner. The amplifier uses 2-53's as voltage amplifier-mixers, 1-53 as voltage amplifier, 1-59 driver and 4-2A5's in class "A" Prime push-pull parallel. A 5Z3 is used as rectifier. The output impedances are 7 to 15 ohms for voice coils, 250 and 500 ohms for lines. Either crystal or high impedance velocity mikes can be used without pre-amplification.

**Model 159-A**—Lafayette High-Fidelity Tuner-Amplifier Combination less tubes. Dimensions: 19" wide, 8 3/4" high, 12" deep. Shpg. wt. 85 lbs. Code Amazo. List price \$159.00. **Your Cost \$79.50**

**System No. 555-P**—Consists of Model 159-A Tuner-Amplifier Combination with tubes, YM13473 crystal mike, floor stand with 25 ft. cable, two ROLA "high-fidelity" speakers in carrying case measuring 19 1/2" x 13 1/2" x 19" high with their own field supplies and 50 ft. cables. Shpg. wt. 180 lbs. Code Sabres. List price \$299.00. **Your Cost \$149.50**

**System No. 556-P**—Same as above but with high impedance Velocity Mike Model RBH YM13565 instead of crystal mike. Code Sabot. List price \$327.00. **Your Cost \$163.50**



## Club Model CONSOLE TYPE **SOUND** High Fidelity **SYSTEM**

#### A DE LUXE P.A. SYSTEM FOR CLUBS, RESTAURANTS, CAFES, ETC.

NO longer need a moderate sized P.A. System be an unwieldy cumbersome conglomeration of individual units. Nor need it be an unattractive piece of equipment that must be hidden in some out-of-the-way corner. Here is a powerful, beautifully toned Sound System complete with a three position mixer, radio tuner, crystal phono-record reproducer, high-fidelity speaker and high frequency crystal tweeter mounted in a handsome hardwood console cabinet designed for use in the most tastefully furnished surroundings. As many additional speakers as required may be added up to the full capacity of the system.

The tuner and amplifier are essentially the same as the unit described at the top of this page. In addition there is a dual speed turntable and a crystal pickup for the reproduction of any type of record—either 10" or 12". The tone quality both on radio and phono-records is of exceptionally fine quality. A channel for microphone connection permits the use of either a crystal or high impedance velocity mike directly without pre-amplification.

**System No. 560-P**—Lafayette High-Fidelity Console type Sound System as described above complete with tubes, less microphone. Dimensions: 42" by 27 1/2" by 19" high. Shpg. wt. 65 lbs. Code Sachus. List price \$385.00. **Your Cost \$192.50**

**System No. 561-P**—Same as above but with Copehart Automatic Record Changes. This will play ten records (either 10" or 12") automatically. (Note this changer equipped with a magnetic type pickup). Shpg. wt. 182 lbs. Code Sogor. List price \$465.00. **Your Cost \$232.50**

**Mike Combination No. YN15590**—Consisting of Model YM13473 Crystal Mike, Model YM13428 floor stand and 25 ft. of mike cable. Shpg. wt. 22 lbs. **Your Cost \$19.95**

**Mike Combination No. YN15591**—Consisting of Model YN13565 Amprite RBH Velocity Mike, Model YM13528 floor stand with 25 ft. of mike cable. Shpg. wt. 22 lbs. **Your Cost \$32.50**



# NEW High-Fidelity Amplifier by Lafayette

## AN IDEAL AMPLIFYING UNIT FOR LABORATORY WORK

Designed by the same engineers who designed the original Lafayette High Fidelity Amplifier, which caused such a sensation in the engineering fraternity about a year ago (see "Radio Engineering" for Jan. 1935) this new model is destined to play an even greater part in influencing amplifier design practice.

It is also an excellent amplifier for use in high-fidelity P.A. systems and phono-record reproducers.

The advantages of push-pull amplification throughout the three stages are obtained by the use of a type 53 tube as phase inverter. This is followed by a pair of 56's driving a pair of 6B5's. An 83 rectifier is used.

A gain of 85.7 db is realized with a power output into a 500 ohm load of 15 watts.

### OUTPUT TRANSFORMERS

Two types of output transformers are available. The difference between the two being in the frequency response obtained. A glance at the curves shown herewith will make this clear. Output impedances are .7 to 15 and 250-500 ohms.

### PRACTICALLY PERFECT RESPONSE

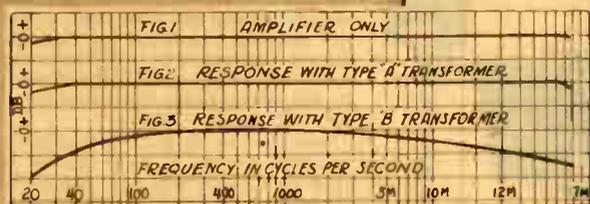
In engineering circles the commonly accepted limits of high fidelity reproduction is from 30 to 15,000 cycles. This new amplifier greatly exceeds these specifications and covers a frequency range from 20 to 17,000 cycles. This makes it ideal for use in laboratory measuring instruments for which purpose many of the previous models are in use today.

### TECHNICAL CHARACTERISTICS

Peak output ..... 50 watts  
Max. output into 10,000 ohm load ..... 10 watts  
Max. output into 500 ohm load. 15 watts  
Harmonic content at max. rated outputs ..... 4%  
Gain ..... 85.7 db Hum level. .... -55 db  
Power consumption from line. 105 watts



amplifier greatly exceeds these specifications and covers a frequency range from 20 to 17,000 cycles. This makes it ideal for use in laboratory measuring instruments for which purpose many of the previous models are in use today.



Lafayette Model 108-A - High-Fidelity Amplifier, less tubes and output transformer. Dimensions: 7" deep x 16" wide x 8 1/4" high. Shpg. wt. 45 lbs. Code Ambec. List price \$69.00. **\$34.50**

Your Cost

XP15950 - Type A output transformer. Shpg. wt. 10 lbs. List price \$25.00. Your Cost ..... \$12.50

XP15951 - Type B output transformer. Shpg. wt. 7 lbs. List price \$7.90. Your Cost ..... \$5.95

Kit of Tubes for above. Your Cost ..... \$4.80

DC High-Fidelity Amplifier Also Available - A special model Lafayette High-Fidelity Amplifier for DC operation is also available. This also has an output of 15 watts and uses one 77, one 37 and

four 48's. It is similar in size and appearance to the AC model. Write for further details if you are in a DC district.

Model 109-A - Lafayette DC High-Fidelity Amplifier, less tubes and output transformer. Shpg. wt. 32 lbs. Code Amete. List price \$55.00. Your Cost ..... \$27.50

(Choice of some output transformers listed for the AC model.)

Kit of tubes for above amplifier. Your Cost ..... \$6.75

## Lafayette 60 WATT CLASS 'B' POWER STAGE

### INCREASE THE OUTPUT OF YOUR PRESENT EQUIPMENT WITH THIS POWERFUL UNIT!

THIS new Lafayette Power Stage offers an inexpensive method of increasing the power output of your present equipment. Merely by adding this simple unit to your present amplifier you can immediately increase the output to a maximum of 60 watts - more than sufficient for the largest indoor stadium and ample for the greatest majority of outdoor installations.

### ECONOMY IN OPERATION

The Lafayette policy of using receiving type tubes instead of the expensive transmitting types means that both the initial cost and the upkeep of this amplifier are low. The tubes employed are obtainable anywhere - four type 46's and two type 83's.

### SPECIAL INPUT TRANSFORMER

A special input transformer is provided, so that the amplifier may be driven either from a 500 ohm line or directly from the plates of a pair of 2A3 tubes. The latter tubes are used in the Lafayette Model 139-A Driver-Amplifier, which is recommended for use with this 60 watt unit. See page 72 for data on this driver.

### EXCELLENT FOR MODULATOR SERVICE

The Lafayette Model 105-A 60 watt amplifier makes an efficient, high quality modulator for amateur or small broadcast transmitters. It contains its own power supply and can therefore be added to any existing CW outfit quickly and easily. The regular output transformer supplied is only for 250 or 500 ohm lines but a special transformer has been designed for modulator use. Write for prices and further details and describe the transmitter you have in mind.

Lafayette Model 105-A 60 watt amplifier, less tubes but with 500-5000-ohm primary impedance input transformer and 250-250-500-ohm secondary output transformer. Dimensions: 11 3/4" deep, 19 3/4" wide, 12" high. Shpg. wt. 95 lbs. Code Amofe. **\$54.50**

List price \$109.00. Your Cost ..... \$5.90  
Kit of tubes for above amplifier. Your Cost ..... \$5.90



### TECHNICAL SPECIFICATIONS

Peak output ..... 100 watts  
Max. output into 500 ohm load ..... 75 watts  
Max. output into 500 ohm line ..... 60 watts  
Harmonic content at rated outputs ..... 4%  
Gain. 14 db Hum level. .... -50 db  
Power consumption from line, average. 210 watts  
Gain with rec. driver. .... 95 db



A high power amplifier with an equalized characteristic. Actual response of amplifier and driver.

# 100 WATT Amplifier

FOR VELOCITY OR CRYSTAL MIKES

135 db GAIN

Entirely A.C. OPERATED

NO GRID BIAS BATTERIES  
LOWEST TUBE COST OF ANY 100 WATT AMPLIFIER

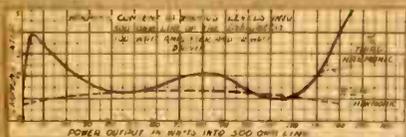
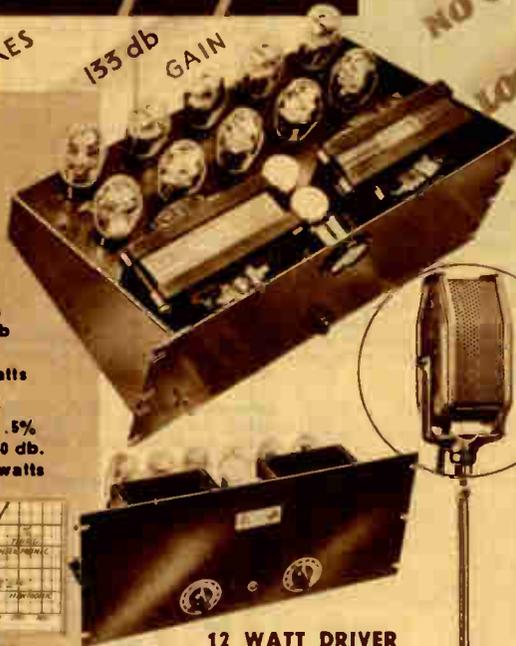
## TECHNICAL CHARACTERISTICS

### 100 Watt Amplifier

Peak output ..... 160 watts  
Max. output into plate load ..... 125 watts  
Max. output into 500 ohm line ..... 100 watts  
Harmonic content ..... 3%  
Gain ..... 14.3 db Hum ..... -60 db  
Power consumption from line ..... 350 watts

### AMPLIFIER PLUS DRIVER

Harmonic content ..... 5%  
Gain ..... 95 db Hum ..... -50 db  
Power consumption from line. 460 watts



## COMPLETE RACK MOUNTED 100 WATT P.A. SYSTEM

ILLUSTRATED at the bottom of the page is a complete 100 watt public address amplifying system. It contains within a single steel cabinet a three channel electronic mixer and pre-amplifier, a 12 watt driver amplifier and the 100 watt output stage. Totally enclosed, it is particularly attractive in appearance, the only items visible on the face of the front panel being the mixer with its three individual channel controls, tone control and overall gain control. The output stage plate ammeter and fuse are also on the front panel. Access to the tubes, etc., is through the door in the rear of the cabinet.

This system has sufficient gain for use with high impedance velocity and crystal microphones without requiring any additional pre-amplification. Total gain 133 db. It is complete within itself and can be readily moved from location to location as required.

Since the installation of a 100 watt system is invariably a special job no speakers or microphones are included.

System No. 520-P-Lafayette 100 Watt Enclosed Rack P.A. System complete with tubes as described above. Overall dimensions: 28 1/4" high, 19 1/4" wide, 13" deep. Shpg. wt. 185 lbs. Code Seqva. List price \$350.00.

Your Cost ..... **\*175**

**A Laboratory Tested Lafayette Product**

## 12 WATT DRIVER

THIS unit is especially recommended for driving the Model 138-A 100 watt amplifier. It employs three 53's and two 2A3's and actually delivers 12 watts with an harmonic content of only 3%. At the average level required to drive the 100 watt amplifier its harmonic content is less than 2% which means that the total content of the whole system is less than 6% when the full 100 watt output is delivered into the 500 ohm line.



The frequency characteristic of this ultra high power amplifier and its driver is the result of accurate design.

THE harmonic content of the output of this amplifier when actually delivering 100 watts into a 500 ohm line is only 3%! Truly a phenomenal achievement. Its frequency response is excellent, as can readily be seen by a glance at the response curve shown herewith.

## 8 WATT DRIVER REQUIRED

Only 8 watts are required to drive this amplifier, but for co-ordinated results the special Lafayette 12 watt Driver Amplifier described above is recommended.

Model 138-A-Lafayette 100-Watt Amplifier, complete with tubes, less metal cabinet. Dimensions: 19" wide x 12" deep x 10 1/2" high overall. Shpg. wt. 122 lbs. Code Amhil. List price \$163.00.

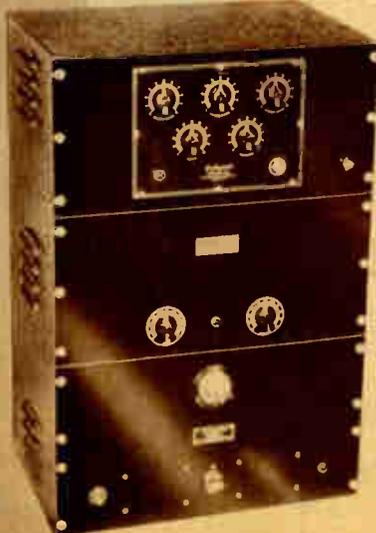
Your Cost ..... **\$81.50**

All Metal semi-portable carrying case for 138-A amplifier. List price \$17.50. Your Cost ..... **\$8.50**

Model 139-A-Lafayette 12-Watt High-Fidelity Driver for 100-Watt Amplifier, less tubes. For rack mounting. Dimensions: 7" deep, 19" wide, 8 1/4" high overall. Shpg. wt. 45 lbs. Code Amial. List price \$55.00. Your Cost ..... **\$29.50**

Kit of tubes for above amplifier: 3-53, 2-2A3, 1-5Z3. Your Cost ..... **\$4.05**

All Metal semi-portable carrying case for Model 139-A. List \$9.00. Your Cost ..... **\$4.50**



# Two HIGH-FIDELITY Theatre AMPLIFIERS



for the  
**LARGER  
THEATRE**

**30 WATT MODEL**

**TECHNICAL CHARACTERISTICS**  
 Peak output ..... 48 watts  
 Max. into 500 ohm  
 line ..... 30 watts  
 Harmonic content ..... 5 1/2 %  
 Gain ..... 106 db  
 Hum level ..... -50 db



NO pre-amplification is required with this powerful high gain amplifier. Gain is 106 db. Its low frequency response has been altered to compensate for sound film characteristics. Employs a 57 coupled to a 56, which in turn works into a 59 driving a pair of 46's. An 83 rectifier supplies plate current.

Two polarized receptacles and 6-ft. low capacity cables supplied for photo-cell connections. Cell polarizing and exciter lamp current supplied by the amplifier. Supplies exciter lamp current for either 8 V. 4 A. or 10 V. 7.5 A. lamps with switch and connections for two lamps. Primary circuit is fuse protected and both gain and volume controls are provided, as well as cell current controls.

Lafayette Model 125-A-30 Watt Theatre Amplifier, less tubes. Dimensions: 11 3/4" deep, 19 1/4" wide and 11 1/4" high. Shpg. wt. 95 lbs. Code Amkas. **\$69.50**  
 List price \$139.00. Your Cost.....

Kit of Matched Tubes.  
Your Cost...\$3.65



for the  
**SMALLER  
THEATRE**

An **ULTRA-COMPACT  
MODEL**

**TECHNICAL CHARACTERISTICS**  
 Peak output ..... 23 watts  
 Max. into 500 ohm  
 line ..... 15 watts  
 Harmonic content ..... 5 1/2 %  
 Gain ..... 103 db  
 Hum level ..... -45 db



THE compactness of this amplifier makes it suitable for the smaller theatre and also for portable movie-sound systems. High gain and special compensated frequency response. Circuit employed uses 1-57, 1-53, 2-6B5's and 1-83. Low frequency response has deliberately been altered to compensate for sound-on-film characteristics.

Supplies photo-cell current, exciter lamp current and field supply for one 1000 ohm or two 2000 ohm fields. Either 8 V. 4 A. or 10 V. 7.5 A. lamps may be used. Gain and tone controls included. Two 6-ft. high-capacity cables furnished. All controls and connections on front panel. This model is designed for 35 mm. systems. A special model for 16 mm. is also available. Primary circuit fuse protected on front panel.

Lafayette Model 122-A-15 Watt Theatre Amplifier less tubes. Dimensions: 15" wide, 8 3/4" deep and 9 1/4" high. Shpg. wt. 45 lbs. Code Amlie. List price \$105.00. Your Cost..... **\$52.50**

Kit of Matched Tubes.  
Your Cost...\$4.25

## SOUND-ON-FILM HIGH-FIDELITY CONVERTER

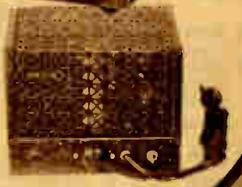
**CONVERTS ANY AMPLIFIER FOR SOUND-ON-FILM**

THIS amazingly simple yet powerful unit will convert any ordinary public address amplifier into a highly efficient photo-cell amplifier for use with sound-on-film. Will add an additional gain of approximately 56 db and supplies the necessary polarizing voltages for the photo-cells. A special variable equalizer control permits varying the frequency response over a wide range.

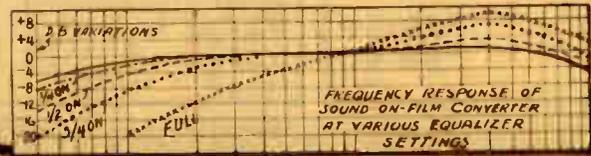
Maximum attenuation at low frequencies 54 db. See response curves below. Excellent for use with 16 mm film - gives high-fidelity reproduction of this type of film. All controls - gain, equalizer, photo-cell voltage, and input and output terminals on face of converter. Chassis suspended on sponge rubber in heavy steel case eliminates effects of machine vibration, tube microphonics, etc. Special power supply has all windings static shielded and is triple filtered. Two models available - high impedance output and low impedance (for lines) output. Converter dimensions: 10 1/4" x 7 1/4" x 5 1/2" high. Power supply 8 1/4" x 6 1/2" x 6 1/2" high.

Model 238-A - Lafayette Sound-on-Film Converter with high impedance output and complete with tubes and power supply. Shpg. wt. 35 lbs. Code Amlem. **\$34.50**  
 List price \$69.00. Your Cost....

Model 239-A - Lafayette Sound-on-Film Converter with 200-500 ohm output impedance complete with tubes and power supply. Shpg. wt. 37 lbs. Code Amdid. **\$43.50**  
 List price \$97.00. Your Cost....



Note the low frequency suppression with equalizer



FREQUENCY RESPONSE OF SOUND-ON-FILM CONVERTER AT VARIOUS EQUALIZER SETTINGS

# Lafayette MIXERS and PRE-AMPLIFIERS

## "ELECTRONIC MIXER"

### A Radically New Development

- Affords Gain Instead of Loss
- Smooth Control by Electronic Means
- Mixes and Fades Three Channels

Unlike most of the mixers in use today, this one has no frequency discrimination and no loss in fact, this new Electronic Mixer will provide an average gain of approximately 10 db. Its frequency response is flat from 20 to 10,000 cycles and it will mix any of three inputs—mike, radio and phonograph—or any combination of these desired. Five controls are provided—three individual channel controls, one overall gain control and a tone control.

The Electronic Mixer can be used with any amplifier having up to 95 db gain. Operation is extremely quiet and smooth due to the unique electronic method employed. The design is an exclusive Lafayette development on which patents are pending. Lafayette is the first to present it to the trade—and of course at a price that is typically Lafayette.

### A Model for Every Purpose

Several models are available. The high impedance model has both high impedance inputs and output. Any device can be connected to the input terminals providing it will develop .01 volts when connected to an amplifier having a gain of 95 db. With lower gain amplifiers the voltage required increases. The output can be connected directly to the grid of the first tube in the main amplifier. This model is particularly recommended for its excellent frequency response.

The low impedance model is made in two types. Both have two low impedance (200-500 ohms) channels and one high impedance channel and a low impedance (200 ohms) output. The low impedance channels are for use with mike lines or low impedance pickups—the high impedance channel for the usual high impedance pickup or other high impedance devices. The only difference between the two models is that the P.A. model is equipped with transformers having a frequency response suitable for P.A. work, whereas the "High Fidelity" model has an excellent frequency response suited for the finest installations.



High impedance and low impedance models are available for either 2½ volt or 6 volt operation. The 2½ volt models requiring 2½ volts at 8 amperes and the 6 volt models 6 volts at .9 ampere.

Plate supply can be anything from 100 to 400 volts. If desired these mixers can be operated from an external power supply instead of the supply being obtained from the amplifier. In this even any power supply may be used and if desired the 6 volt models may be operated from batteries.

All models are mounted in a rubber black finished steel case with an etched metal front panel. Dimensions: 10x7x5½". Shpg. wt. 10 lbs.

### HIGH IMPEDANCE MODELS

Model 200A—Code AMNAR. 2½ volt type.

Model 201A—Code AMISE. 6 volt type.

Your Cost, Either Type, Complete with Tubes... **\$13.95**

### LOW IMPEDANCE MODELS

Model 208A—Code AMPIC. P.A. 2½ volt type.

Model 209A—Code AMADA. P.A. 6 volt type.

Your Cost, Either Type, with Tubes... **\$17.50**

Model 214A—Code AMBES. High Fidelity 2½ volt type.

Model 215A—Code AMESA. High Fidelity 6 volt type. **\$39.95**

Your Cost, Either Type, with Tubes

## Lafayette "High-Fidelity" and "P.A." Pre-Amplifiers



The most unusual high-gain A.C. operated pre-amplifier ever developed. Has a gain of 56 db. from a 200 ohm input to a 200 ohm output. Output level +5 db. Particularly designed for use with ribbon microphones and other low level input devices when used with amplifiers having a gain of over 60 db. Special output and input transformers provide a frequency response that is down only -2 db. at 30 c.p.s. flat within ½ db. from 80 to 6000 c.p.s. and down only -1.5 db. at 10,000 c.p.s. and only -3 db. at 17,000 c.p.s.

### SPECIAL "P. A." MODEL

A special "P.A." model for use where extreme high-fidelity is not required is available having a frequency response essentially flat from 70 to 8,000 c.p.s. Negligible hum level. Chassis, tubes, transformers, etc., mounted in sponge rubber to prevent microphonics.

Two type 6C6 tubes are used in a special circuit. Standard input impedances 50,200 and 500 ohms. When output transformer is supplied output impedances are 50, 200 and 500 ohms. Without output transformer output is at high impedance.

The Power Supply is a separate unit and extreme precautions have been taken to guard against hum. Power Transformer has each winding interleaved with a static shield. For 110 volts 60 cycle A.C. Case of ¼" steel. Amplifier 10½x7½x5½". Power Supply 8¼x6½x6". All models with Power Supply. Shpg. wt. 38 lbs.

### VELOCITY "P. A." MODELS

Model 220A—With high impedance output, less tubes.

Code AMICE

Your Cost... **\$29.50**

Model 221A—With 50-250-500 ohm output, less tubes.

Code AMPLIR

Your Cost... **\$34.50**

### "HIGH FIDELITY" MODELS

Model 222A—With high impedance output, less tubes.

Code AMINE Your Cost

**\$39.50**

Model 223A—With 50-250-500 ohm output, less tubes.

Code AMALA Your Cost

**\$48.50**

### HI-FIDELITY "SOUND CELL" MODELS

These models have high impedance inputs for low level sound cell type crystal microphones.

Model 224A—With high impedance output, less tubes.

Code AMPUL Your Cost

**\$27.50**

Model 225A—With 50-250-500 ohm output, less tubes

Code AMULE Your Cost

**\$36.50**

Kit of Tubes for any of the above. 2-6C6, 1-80. **\$1.50**

## Lafayette "Velocity Adapter"

When used with the average high gain amplifier having a gain of from 95 to 100 db. it will provide sufficient additional gain so that velocity mikes may be used. Gain approx. 15 db. Full instructions included for obtaining power supply from amplifier. All have high impedance output for connection directly to grid of tube. 2½ volt model for amplifiers using 2½ volt tubes; 6 volt for 6 volt tubes. Specify model desired. 7x6½x3½" deep. Shpg. wt. 6 lbs.

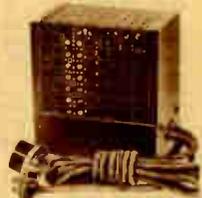
Model 240A—High impedance input for high impedance velocity and crystal mikes.

Code AMBEB

Your Cost

Model 241A—Low impedance input for standard 200 ohm lines and mikes. Code AMREN

Your Cost... **\$15.95**



## Lafayette Pre-Amplifier & Control Box for Crystal or Ribbon Microphones

Now a new Lafayette Pre-Amplifier that is suitable for use with mikes having a -65

db. level when used with an amplifier having a gain of over 80 db. Also, with mikes having a level of -70 db. when used with amplifiers having a gain of over 90 db. Thus it is possible to use this pre-amplifier to provide the necessary pre-amplification required for crystal and ribbon microphones.

It can be operated either from A.C. or from a six volt storage battery. Plate supply can be obtained from the amplifier or from batteries if necessary. Both gain and tone controls are provided as well as a changeover switch for changing from mike to phono-pickup. Available with or without input transformer having input impedances of 50, 200 and 500 ohms. Without transformer input is at high impedance directly to grid of tube. Transformer is symmetrically wound, wide range and has permalloy core. Amplifier dimensions: 10x7½x5½". Steel case black crystallized finish. Shpg. wt. 10 lbs.

Model 226A—Without input-transformer but complete with tube. Code AMBOS. Your Cost... **\$10.95**

Model 229A—With input transformer and tube. Code AMICE. Your Cost... **\$18.50**

# P.A. TUNERS and RECORDING EQUIPMENT

## DUALL Super Recorder



Some of the many features of the new Duall Recorder are: a positive feed for the recording head that provides uniform spacing of lines and prevents overlapping. Choice of either aluminum or celluloid recording heads (celluloid recommended). Audak high quality pick-up for reproduction, **state impedance desired**. Cutter head, 15 or 500 ohms impedance. Specially designed 1-20 H.P. motor. Rim drive assuring constant 78 R.P.M. speed. Vibration proof mounting. Standard Assembly consists of motor and turntable for 78 R.P.M., overhead feed mechanism for 80-line recordings on 12" records. Feed inside-out. Cutting head for celluloid (if aluminum is preferred, specify). Cutting head, 15 to 500 ohms. Driving pins for celluloid are provided - which can easily be removed when recording on aluminum. Motor is 115 volt, 50 to 60-cycle. All metal parts above, base chrome plated. Shpg. wt. 30 lbs.

**YY19889** List \$275.00  
**Your Cost** **\$147.50**  
 Same equipment as above, but with two-speed motor for both 78 and 33 1/2 R.P.M. recording. Complete. Shpg. wt. 34 lbs.  
**YY19890** List \$330.00  
**Your Cost** **\$180.00**

### Overhead Feed Mechanism

Overhead feed mechanism only for attaching to your present turntable. Motor should be of constant speed and have a rating of 1/20th horsepower for best results. Cutter head impedance 15 ohms. Shpg. wt. 12 lbs.

**YY19891** List \$85.00. **Your Cost** **\$48.00**  
**"High Fidelity" Recorder**  
 Essentially the same as the model listed above but with high fidelity cutter head. Flat within 2 db. from 100 to 5500 cycles.  
**YY22080** Single speed "High Fidelity." **\$159.50**  
**Your Cost** **\$192.50**  
**YY22081** Two speed "High Fidelity."  
**Your Cost**

## UNIVERSAL Professional Recorder



Not a revamped phonograph - nor a suitcase model - but a heavy, "rock-solid" piece of machinery for long and continued use. It will make professional quality recordings on either aluminum, silveroid, acetate or nitrate discs.

The recorder assembly is mainly of cast iron and weighs 125 lbs. The turntable disc is 16" in diameter and weighs 69 lbs. and is mounted on a 1" steel shaft. It is rim driven by an endless linen gum-dipped round belt running in grooves around the outside of the table. This method of drive eliminates "waver" and "wow" and is absolutely dependable. The motor is 100% synchronous, reversible and not self-starting. It is absolutely constant in speed regardless of load. Develops 1/12th horsepower - more than ample to cut any recording material up to 16" in diameter. Motor is mounted on a separate base with a countershaft that permits operation at 78 or 33 1/2 R.P.M. on either 50 or 60 cycle current.

The cutter is a special Universal power cutter with four pole pieces and four adjustment screws for damping - one in each pole piece. The magnet is cobalt steel. This cutting head has been designed from the beginning as such and is not merely a revamped pickup or reproducing head. By means of the adjustment screws any type of frequency response can be obtained - either high or low predominance or equal response over an exceptionally wide frequency range. It will cut any type of material in common use to-day for recording purposes. A 10 power magnifying glass permits constant observation of the recording being made. Workmanship throughout is of extreme precision and all iron parts are finished in black lacquer, with small parts in contrasting chrome and cadmium. Cutter, slide and track are "watch mill" finished. Entire unit is for bench mounting similar to the method used for bench lathes.

**YN17701** - UNIVERSAL Professional Recording Machine for operation on 110 V. 50-60 cycle A.C. with motor, motor mounting, three belts, depth gauge and shoe, magnifying glass, etc. but without recording head or cutter. Shpg. wt. 35 lbs. **\$250.00**  
**Your Cost, Net**

**YM13586** - Special Power Cutter fitted to above. 15, 50, 200 or 500 ohms. Specify which impedance is desired. Shpg. wt. 8 lbs. **\$35.00**  
**Your Cost, Net**  
 Write for complete descriptive circular.  
 For additional recording equipment see pages 86 and 88.



T.R.F.  
 "High-Fidelity"  
 P.A.  
 Tuner

Where tone quality is far more important than extreme selectivity (such as furnished by the Lafayette Super-Het Tuner) we recommend the use of this Lafayette T.R.F. "High Fidelity" Tuner. It provides the maximum fidelity possible from broadcast transmissions. Four tuned circuits are used, including a pre-selector, two tuned radio frequency stages using type 68 tubes, and a tuned detector stage using a type 56 as a diode.

### SPECIAL MODEL AVAILABLE

Another model is available using a 56 as a linear triode detector. This model is recommended where extreme fidelity is not required and transformer coupling must be used to the amplifier or line. Filament supply for the tuner is self-contained and the "B" supply required (180 to 250 V.) may be obtained from the amplifier or from any B eliminator. Size: 8" wide, 7 1/4" high, 10" deep. Shpg. wt. 12 lbs.

**Model 1000-TP** Lafayette TRF High-Fidelity Tuner with "Diode" detector, less tubes. Code TOTEM. List \$36.90 **\$18.95**  
**Your Cost**  
**Model 1001-TP** H-F TRF Tuner with "linear" detector, less tubes. Code TASON. List \$35.90 **\$17.95**  
**Your Cost**  
 Kit of Tubes **\$1.44**  
**Your Cost**

## Lafayette P.A. TUNER

### "Remote Control" Tuner



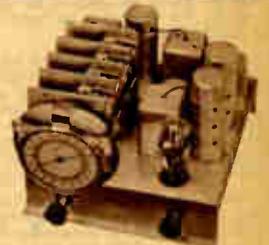
No longer is it necessary to be at the P.A. rack to tune the radio tuner from station to station or to control the volume. All tuner operations - tuning - volume adjustment - turning it on or off - can be done at a remote point, quickly, at the touch of a fingertip, with this new Lafayette Remote Control Tuner.

### T.R.F. CIRCUIT

The tuner employed is essentially the same as the standard T.R.F. Tuner described at the left. Both triode and diode models also being available. Stage which is desired. The complete Tuner is designed for rack mounting and is equipped with a standard 19" rack panel. Overall dimensions: 19" long, 8 1/4" deep and 8 3/4" high. Shpg. wt. 30 lbs.

**Model 1015-TP** Lafayette Remote Control Tuner, less tubes. Code TENOR. List \$65.00 **\$32.50**  
**Your Cost**  
 Kit of Tubes **\$1.44**  
**Your Cost**

Super-Het P.A. Tuner



A highly selective and sensitive superheterodyne tuner. 10 kc. selectivity 3 1/2 microvolt per meter sensitivity. Automatic volume control, diode detection and pre-selection. Pre-selector stage is followed by a tuned R.F. stage using a 58, a converter stage using a 2A7 and a 2B7 as I.F. amplifier and diode-detector A.V.C. tube. Special model available for low gain amplifiers has an additional 56 as A.F. tube. Four tube model is recommended for use with amplifiers having gain of less than 60 db. Finest quality components. Compact 7 1/4" high, 10 1/4" deep and 9 1/4" wide. Comes complete with instructions. "B" supply required may be obtained either from the amplifier or from any well filtered B eliminator. For temporary installations it can be operated for short periods with heavy duty B batteries. Built-in filament supply. Shpg. wt. 14 lbs.

**Model 1020-TP** - Three tube Lafayette Super-Het Tuner for high gain amplifiers, less tubes. Code TUFTE. List \$45.00 **\$22.50**  
**Your Cost**  
 Kit of tubes for above. **\$1.95**  
**Model 1021-TP** - Four tube Tuner for low gain (under 60 db.) amplifiers, less tubes. Code TEDAR. List \$49.00 **\$24.50**  
**Your Cost**  
 Kit of Tubes for above. **\$2.39**

To Speed Handling of YOUR Order -- Use Our Order Blank

# Stromberg-Carlson

Appoints Us Authorized Distributors for PARTS and EQUIPMENT



## MODEL 69 SHORT WAVE CONVERTER RANGE 1430 TO 25,000 Kc. 210-12 METERS

CONTAINS the frequency changer circuits of a superheterodyne system which, connected to the input of any good standard broadcast receiver, gives an extension of the tuning range from 1500 to 25,000 Kc. Thus, all frequencies between 550 and 25,000 Kc. (12 to 550 meters) can be readily tuned.

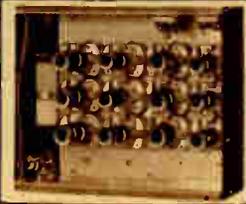
Circuit employs a 6D6 R.F. amplifier, effective on all bands, a 6A7 modulator, a 76 oscillator and an 84 rectifier in the self-contained power supply. Tuning range in three bands: 1430 to 4200 Kc., 3700 to 10,500 Kc., and 9,000 to 25,000 Kc.

Circuit features include: R.F. Amplification on all bands; "touch tuning" afforded by the exceptionally large dial; individually calibrated bands; a pilot light system whereby only the band in use is lighted; only two connections to the receiver; high ratio selector tuning control.

Housed in beautiful two-toned hardwood Mantel cabinet with hand rubbed finish. Shpg. wt. 18 lbs.

Model 69-Short Wave Converter, complete in cabinet but less tubes. For 110 volts 50/60 cycles AC. **\$26.95**

Code Flava. Your Cost.....

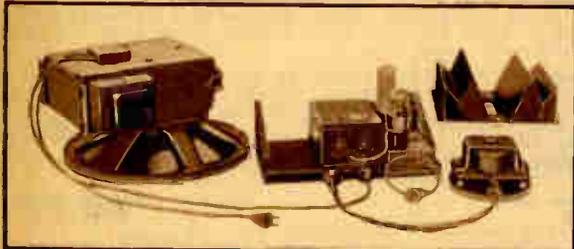


Bottom View  
(Shield Removed)  
Showing Coil Group

Model 69 - Converter in Mantel cabinet and with set of matched RCA tubes.

Code Your Cost..... **\$29.25**

## No. 1 HIGH FIDELITY SPEAKER SYSTEM    No. 2 HIGH FIDELITY SPEAKER SYSTEM



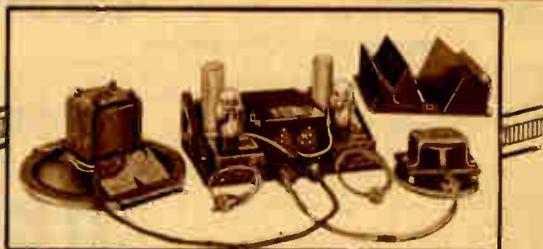
FREQUENCY range covers from 40 to 12,000 C.P.S. Designed to handle 30 watts on peaks, 25 watts continuous. Due to its high efficiency, the system is as loud as an ordinary speaker working at a 6 db higher level.

The system is made up of an auditorium sized bass speaker with a 13 1/4" overall diameter, a treble or "tweeter" speaker with a 5 1/4" diameter, a diffusing vane assembly and a divider network. The divider network shunts all low frequencies to the bass speaker and the highs to the "tweeter". Bass speaker has its own field supply mounted on frame; exciter unit for the treble speaker is mounted on a 17x12" walnut shelf (uses 80 tube; bass speaker uses a 5Z3). Input impedance 8 ohms.

For best results a large flat baffle is recommended, with both speakers mounted close together. For cabinet installations an Acoustic Labyrinth is recommended to load up and confine the bass speaker for best low frequency response. Space required by labyrinth: 21" deep, 39" wide and 22" high.

YW19277-No. 1 High-Fidelity Speaker System as described above, with all RCA tubes, and all connectors. Shpg. wt. 75 lbs. Your Cost..... **\$79.50**

YW19284-Special Acoustic Labyrinth for above. Shpg. wt. 45 lbs. Your Cost..... **\$42.50**

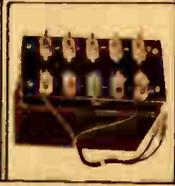


SIMILAR to the No. 1 system, except that the exciter units for both speakers are mounted on the shelf. Response from below 50 to 10,000 C.P.S. Will handle up to 20 watts peak power.

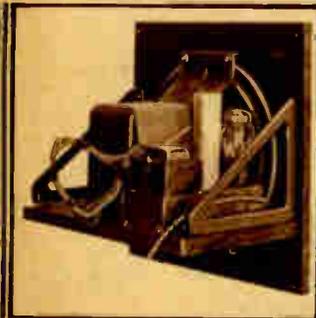
Consists of a 10 1/4" bass speaker, 5 1/4" treble speaker, divider network, diffusing vane assembly and exciter units for both speakers. Input impedance 24 ohms. For cabinet installations, an Acoustic Labyrinth is recommended. Shpg. wt. 50 lbs. YW19285-No. 2 High-Fidelity Speaker System complete with all tubes, cables, connectors and instructions. **\$65.00**

Your Cost..... YW19286-Acoustic Labyrinth for above. Shpg. wt. 27 lbs. Your Cost..... **\$28.50**

DESIGNED for matching or mixing dynamic and magnetic type speakers. For maximum efficiency, unit is designed as an "auto-transformer", and will not isolate speaker lines from high voltage. Impedance taps at 2, 4, 8, 16, 25, 75, 150 and 300 ohms. Will take from 1 to 8 dynamics with 15 ohm voice coil; from 1 to 200 magnetic (1500 ohm) speakers. For receivers of audio amplifiers not exceeding 20 watts. Shpg. wt. 5 lbs. YD5640-Your Cost. Each..... **\$9.50**



## Single Unit HIGH FIDELITY Speaker - Wall Mounting Type D-2845



THIS SPEAKER was designed to fulfill the requirements for a truly High-Fidelity unit to be used in conjunction with any broadcast receiver designed to cover the 7500 cycle High-Fidelity range. If properly baffled and loaded (by means of an acoustic labyrinth), and used with an amplifier having a flat frequency curve, it will provide a practically flat response to 7500 C.P.S. and a low frequency response extending down to between 50 and 60 cycles (depending on type of baffle).

RESPONSE CURVE EXCEPTIONALLY UNIFORM A heretofore unattainable dynamic speaker response curve (as shown by comparative tests with all popular types of so-called high-fidelity speakers) has been provided in this speaker. There is a total variation of approximately 4 db between 1000 and 3000 cycles, the curve having a gradual change rather than the usual "hill and valley" type. Since most speakers show variations of from 18 to 20

db in the range between 1500 and 3000 C.P.S., the above feature is of extreme importance if real High-Fidelity results are to be expected.

### CONSTRUCTION FEATURES

Excellent results are achieved by use of a tremendous field pot wound with the finest copper wire obtainable; a 1 1/4" voice coil, special acoustic cane material and a newly developed "high-fidelity" leather cane suspension also contribute greatly to the overall uniformly excellent results.

Unit furnished complete with specially designed field exciter using an 80 rectifier, a diffusing vane assembly and hardwood mounting shelf and supports. Shipped knocked-down, with complete assembly instructions. Shpg. wt. 60 lbs.

YW19274-D2845 High-Fidelity Speaker, with field exciter, tube and mounting supports. Your Cost..... **\$31.95**

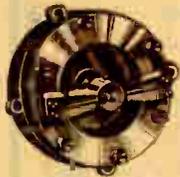
# Lafayette MICROPHONES AMPERITE

## Model "Twelve" Carbon Mike



Excellent for use in the amateur station, either portable or fixed. Two-button carbon type with dural diaphragm having pure gold spot centers. Highest grade carbon granules used. Buttons are standard 200 ohms each. Scientifically damped for high quality voice reproduction. Bright nickel finish. Extremely rugged construction. 2 1/4" in diameter. Shpg. wt. 2 lbs. List \$11.50  
**YM13392—Your Cost \$4.75**

## "Professional" Model "Fifty" Carbon Mike



**Wide Range Frequency Response**

One of the finest and most popular types of carbon microphones. Broadcast type, has stretched dural diaphragm only .002" in thickness. Frequency response is from 50 to 5700 cycles. Buttons are standard 200 ohms each. The model 50 microphones have proven their worth in many types of work under various conditions and this new model is bound to be even more popular due to the many refinements in its construction. Extremely rugged construction, with many added features in design which will result in long life and service under ordinary conditions of operation and care. Finished in highly polished nickel. 2 3/4" in diameter, 1 1/2" in thickness. Shpg. wt. 2 1/4 lbs. List Price \$25.00  
**YM13421—Your Cost \$19.95**

## Lafayette "Professional" VELOCITY MICROPHONES

The Studio Type Microphone, shown at right, has an unusually high fidelity characteristic and high output level. Its construction and design warrants its use in the highest types of P.A., sound, recording, and broadcast installations. Designed for a minimum of inductive pick-up from stray magnetic fields. Output level—69 db. with 200 ohm line. Available in either high or low (200 ohms) impedance. Employs heavy bronze case and screen, and extra large magnets to insure permanent high output. Uniform response characteristic in all incident angles of sound. No pick-up from 2 sides, giving greater freedom from acoustic feedback. Response 25 to 12,000 cycles, less than ± 1 db. to 10,000 cycles. Shpg. wt. 8 lbs.  
**YM13570—Specify high or low impedance. \$39.20**  
**Your Cost.....**



### Public Address Microphones

Designed for public address where high quality speech or music is desired. Each is supplied with a shock absorber to minimize shock or vibration from being transmitted to the unit. Output ratings are measured at impedance indicated. Each unit has a wide-range response.

**YM13571**—Available in either 200 or 50 ohms output. Response is ± 2 db. 40 to 10,000 c.p.s. Output -64 db. open line. Specify impedance desired. Shpg. wt. 8 lbs.

**Your Cost..... \$19.95**  
**YM13572**—Similar to above type but available in high impedance only. Output -65 db. (open line). Shpg. wt. 8 lbs.

**Your Cost..... \$19.95**

**YM13573**—For small or average public address jobs. Although an excellent quality mike, the characteristics do not quite approach the above. Output -68 db. open line. Available in 200 or 50 ohms. Impedance or high impedance. Shpg. wt. 8 lbs.  
**Your Cost (Specify Type) \$14.95**



## Model "Twenty-Five" Carbon Mike



A very efficient two-button carbon microphone which will give entirely satisfactory service in less critical public address installations. Frequency response 70 to 4000 cycles. Resistance 200 ohms per button. Heavy chromium plated brass frame. Special alloy diaphragm with 24K gold contact points. Size 3" diameter, 2" thick. For four point suspension. Shpg. wt. 4 lbs. List Price \$25.00  
**YM13420—Your Cost \$7.50**

## "Push Button" Adjusting Studio Stand



Outstanding features in design and appearance make this studio type mike stand highly desirable. Extremely heavily weighted—will not tip over. Push button arrangement (illustrated) permits quick adjustment of mike level. Thumb screw allows locking of adjustment. Finished in deep bronze. Height variable from 4 ft. to over 6 ft. Standard threading permits use of ribbon, crystal or carbon mike ring connector. Shpg. wt. 42 lbs.

**YM13574—Your Cost \$17.95**

## Lafayette Floor Stands



Both stands, illustrated, are well built and finished. They are designed primarily for carbon microphones—and should not be confused with cheaply built and less attractive stands.

**Stand No. 1:** A large 20 lb. stand, all chromium plated. Professional type. Has standard set screw adjustment. Ring diameter 6 1/2"; base diameter 10 1/4". Extends from 45" to 72". Ring will take any standard microphone. Base drilled for insertion of microphone cable. Shpg. wt. 30 lbs.

**YM13431—Your Cost \$9.25**

**Stand No. 2:** A really phenomenal value. Entire stand finished in satin silver. Very neat appearance. Extends from 42" to 72". Ring diameter 6 1/4", base diameter 7 1/4". Shpg. wt. 17 lbs.

**YM13432—Your Cost \$4.85**

## AMPERITE Velocity Microphones Models RB-H, RB-M, and RB-S



A full line of velocity microphones for every purpose; thoroughly shielded—not affected by moisture. Helps eliminate acoustic feedback, peaks that tire the listener, mechanical reproduction and background noise. Complete instructions and diagrams packed with each.

**Model RB-H (High Impedance Type).** Operates directly into grid of tube, eliminates input transformer and inductive hum. Output -68 db., frequency response ± 2 db. 40 to 10,000 cycles. Supplied with shock absorber. Shpg. wt. 8 lbs.

**YM13565—List Price \$42.00—Your Cost \$24.70**

**Model RB-M.** 200 ohm or 50 ohm line. Specify which. Output -64 db. open line. Frequency response ± 2 db. 40 to 10,000 cycles. Excellent for speech or music. Shpg. wt. 8 lbs.

**YM13471—List Price \$42.00—Your Cost \$24.70**

**Model RB-S.** Available for 200 or 50 ohm line. Output -38 db. open line. Response ± 2 db. 40 to 10,000 cycles. Shpg. wt. 8 lbs.

**YM13470—Specify Impedance. List \$32.00—Your Cost \$18.82**

**YM13598**—Same as above, high impedance. **Your Cost \$18.82**

**NOTE** Special Beam Type Microphone available. Write for details and special price.

### Ribbon Microphone Transformers

**YM13509**—Match ribbon to line. **YM13511**—Match line to grid.  
**YM13510**—Match ribbon to grid. **YM13354**—Match plate to line.  
 List \$5.00  
**Your Cost, Any Type \$2.94**

## Professional Model SR80-H



Electrically and mechanically accepted by many as being the best in microphones. Frequency response uniform within ± 1 db. over the entire audio range. Output -88 db. at 200 ohms. Used by leading broadcast and recording studios. Absolutely free from background noises. No frequency discrimination with angle from center. Fully shielded with rugged bronze and steel case. Low impedance type available in 25, 50, 200, and 500 ohms. Specify output impedance required. Output -64 db. open line. Shpg. wt. 10 lbs.

**YM13468—Low Impedance \$58.80**

**Your Cost..... \$58.80**

**YM13463—Hi-Impedance \$58.80**

**Your Cost..... \$58.80**

## AMPERITE Junior Velocity Microphones

Approximately the size of a match box. Sensitivity equal to a large velocity. Frequency range 60-7500 cycles. Transformer included in case. Excellent for public address, lecturers, etc. Output -68 db. open line. Equal response for any position of speaker's head. Shpg. wt. 3 lbs.

**YM13568—200 Ohms, List \$30.00—Your Cost \$17.64**

**YM13569—Hi-Impedance List \$30.00—Your Cost \$17.64**



### Replacement Ribbons for Velocity Microphones

Sold in packages of 2 ribbons in each. Available in two types.  
**YM13566**—Standard Ribbons, **Your Cost \$0.74**  
**YM13567**—Supersensitive Ribbons, **Your Cost 1.03**

**We Will Not Knowingly Be Undersold**

# UNIVERSAL MICROPHONES



## New Model "X" Mike



A low priced mike that will give excellent performance. Available in either single or two-button types; standard 200 ohms per button.

Duraluminum diaphragm, pure gold contacts. Response 100 to over 4000 cycles. Chrome plate finish. Shpg. wt. 8 lbs.

YM13412—Single Button  
List \$7.50  
Your Cost **\$4.41**

YM13413—Double Button  
List \$10.00  
Your Cost **\$5.88**

Model X desk stand for above mikes. 5" ring. Polished nickel plated bar, ebony rubber base cover. Comes with 8 mounting springs. Shpg. wt. 3 lbs.

YM13447—Your Cost **\$2.05**

## Model "W" Watch Mike



Protected single button. 200 ohms. Gold spot diaphragm. 1 3/4" diam. Shpg. wt. 3 lbs.

YM13443—Your Cost **\$1.76**

## Model "Y"

Similar to above, but without protective cover. Shpg. wt. 1 lb.

YM13444—Your Cost **\$1.18**

## Floor Stand with Copy Holder

An artistic and efficient stand at a low price. Telescoping, three piece. Polished nickel plated. Adjustable light copy holder—easily applied and adjusted on stand. Facilitates the reading of scripts, notes, or sheet music when broadcasting. Does not interfere with broadcaster; aids in minimizing "mike fright." The stand includes 8 springs. Shpg. wt. 12 lbs.



YM13450—Your Cost **\$5.88**

## Collapsible Floor Stand For Microphones



Light, compact, adjustable floor stand that can easily be carried from place to place. Triple tube assembly made of brass, chromium plated. Extension range 36" to 78". Furnished with 6" microphone ring to take full sized microphone. Springs included with stand. Shpg. wt. 6 lbs. List \$12.50

YM13551—Your Cost **\$7.35**

## UNIVERSAL Model "BB" Mike



An especially rugged unit designed for P. A. and amateur broadcast work. Has 24K pure gold spot centers. Frequency response from 50 to 5000 cycles. Finished in polished chrome plate. 3" diameter, 2" thick. Standard 200 ohm buttons. Shpg. wt. 8 lbs.

YM13405—List \$25.00  
Your Cost **\$14.50**

## UNIVERSAL Model "KK" Mike

Similar to the above, but with more extensive frequency range. Entire unit finished in 24K polished gold. Range 40 to over 6000 cycles. 2 3/4" diameter, 1 1/4" thick. Shpg. wt. 2 3/4 lbs. List \$40.00

YM13404—Your Cost **\$23.52**

## UNIVERSAL Model "LL" Mike

One of the finest carbon mikes available. Of high carbon steel ground to within 1/1000 inch accuracy. Pure gold contacts. Frequency range from 30 to 7000 cycles. 3 1/2" diameter, 1 3/4" thick. Shpg. wt. 3 1/2 lbs. List \$60.00

YM13403—Your Cost **\$35.28**

## UNIVERSAL Model "A"



A highly developed single (24K gold faced) button mike; available also, special, for hearing-aid use. 200 ohms resist. Dia. 3", 1 1/4" thick. Shpg. wt. 8 lbs.

YM13406—Model "A". List \$15.00  
Your Cost **\$8.82**

YM13407—Special for hearing-aid.  
Your Cost **\$8.82**

## UNIVERSAL Condenser Microphone Model E-30—A.C. Operated



Newly developed condenser microphone with built-in two stage amplifier employing 30 tubes. Power supply plugs into any 110 volt, 50-60 cycle line; no complicated connections. Absolutely no hum or ripple. Frequency response flat from 35 to 1,000 c. p. a.; output greater than that of a standard two-button carbon mike. Twenty-five feet of rubber covered, shielded cable furnished. Finished in black crackle. Shpg. wt. 11 lbs.

YM13549—Microphone, less tubes and power supply. List \$60.00  
Your Cost **\$35.28**

Special designed power supply for use with above microphone. Has binding post terminals and receptacle for microphone plug. In metal case with carrying handle. Shpg. wt. 10 lbs.

YM13550—List \$40.00  
Your Cost **\$23.52**

Floor Stand chrome plated. Shpg. wt. 30 lbs.  
YM13373—List \$16.00  
Your Cost **\$9.41**

## UNIVERSAL Midget Lapel Microphone

Compact, lightweight 2-button mike. Sensitive and natural tone. With cord. Dia. 2 1/4".  
YM13438—2-button, 200 ohms each  
Your Cost **\$14.70**

## Desk Stands



Type A: Low priced, yet high quality. Has 5" octagon shaped ring. Provided with 8 springs. Ring removable. Height 9". Finished in wrinkle black enamel. 7 1/2" pipe thread. Shpg. wt. 10 lbs.  
YM13540—Your Cost, Special **\$1.18**



Type B: De Luxe Stand. Height 13"; 6" removable ring. Complete with 8 springs. Finished in black wrinkle enamel. 3/4" pipe extension. Shpg. wt. 15 lbs.  
YM13542—Your Cost, Special **\$1.76**



Type B  
Your Cost, Special **\$1.18**

Ring only for above. With 8 springs and suspension adapter. Shpg. wt. 3 lbs.  
YM13543—Your Cost Each **\$1.18**

Suspension Adapter only. For above Microphone Rings. 20c  
YM13544—For Type A Ring—Your Cost Each  
YM13545—For Type B Ring—Your Cost Each **25c**

## Truest Carbon Microphone



An outstanding value in a 2-button carbon microphone. Frequency response exceptionally good; 60 to over 4000 cycles. Uses standard 200 ohm buttons. Duraluminum diaphragm, pure gold (24K) contacts. Bridge is a separate casting. Solidly constructed to resist ordinary wear and to give satisfaction in average types of public address installations. 3 1/4" diameter, 2 1/4" thick. Shpg. wt. 4 lbs.  
YM13384—Your Cost, Special **\$3.95**

## "Handi-Mike"



Designed for use with Transceivers and portable P. A. systems. Has gold contact faces. On-Off switch in handle. 6" long, 2 1/4" diameter head. Shpg. wt. 2 lbs.

YM13409—Single Button  
Your Cost **\$5.88**

YM13410—Double Button  
Your Cost **\$8.82**

## Phone Box



Microphone Control box 3 1/2"x5x2". Engraved panel, provided with press button "to talk", green "OK" signal, and red "in-use". Two types, for single, and 2-button mikes. Shpg. wt. 6 lbs.

YM13451—Single  
Your Cost **\$5.88**

YM13452—Double  
Your Cost **\$7.05**

## Aero Type Handi-Mike

For close talking, suitable for airplane transmitters, inter-communication systems, etc. Ventilated rubber mouth cushion. Equipped with 6 ft. rubber cord and switch. Press button switch. Shpg. wt. wt. 3 lbs.

YM13453—Single  
Your Cost **\$8.82**

YM13454—Double  
Your Cost **\$11.76**

## Studio Stand with Copy Holder



A microphone stand worthy of the finest studios. Will not tip easily. Operates smoothly. Positive clamp lock. Frosted silver crackle base. Chrome plated call letter plate. Copy holder holds prepared scripts, manuscripts, etc. 6 1/2" ring. 12" at base. 5 1/2" ft. high. 8 Springs included. Shpg. wt. 20 lbs.  
YM13455—Your Cost **\$8.82**

## Lafayette

### Input Stages



### Double Button

Black crystallized finished metal case containing the mike transformer, the battery and the volume control. "On-Off" switch, gauged with volume control, turns "mike" current off. Complete shielding, everything necessary—all self-contained within box. 6 ft. shielded lead furnished. 6 1/2"x5 1/4"x4 1/4" deep. Shpg. wt. 6 lbs.  
YM13487—List \$12.50  
Your Cost **\$5.25**



# CRYSTAL MICROPHONES



## PIEZO ASTATIC CRYSTAL MICROPHONES

### Contact Type



A super-sensitive direct contact microphone, not dependant upon air as the transmitting medium, and capable of detecting sounds through solids. Small, compact and rugged. Excellent for detection work, etc. Opens new and unexplored fields to the sound man which will prove lucrative. Output Level 50 db. Dim. 2 1/4" diameter, approx. 3/8" thick. Finished in chromium and supplied with connecting cord. Shpg. wt. 1 lb.

YM13416—List \$22.50  
Your Cost **\$13.23**

### Model D-104



It requires no field or button current—has no hiss cannot "pack"—may be used in any position and has a high output making unnecessary any great amount of pre-amplification. High impedance. No matching transformer necessary. Case is 3" in dia. and 1" thick. Finished in chromium. Output Level—64 db. Diaphragm is screen protected. Complete with 6 ft. shielded cable. Shpg. wt. 2 lbs.

YM13363—Your Cost **\$13.23**  
Model D-104 H.S. Same as above except that it is provided with a handle and "Push to Talk" switch which may be locked in position. Supplied with 8 ft. cord. Shpg. wt. 2 lbs. **\$15.58**  
YM13578—List Price \$26.50—Your Cost **\$14.70**  
Model D-104 H. Same as above except without switch. **\$14.70**  
YM13575—List \$25.—Your Cost

### Cardlaphone Type



A precision instrument of wide frequency response for determining heart and lung conditions. Tremendous improvement over old-fashioned stethoscope—and will facilitate

more rapid and accurate diagnosis. The case is 3" in dia. and 1" thick. Chrome finish. High impedance, no input transformer required. (Output Level 65 db. With 8 ft. shielded cable, and "push to listen" switch. Shpg. wt. 2 lbs.)  
YM13417—List \$25.00  
Your Cost **\$14.70**

### Multi-Cell Type



Latest in crystal mike design. Arranged so that the forces of two opposed diaphragms are applied to one crystal, simultaneous with appropriate damping. Increases efficiency and fidelity characteristics—substantially flat from 20 to 6,000 cps., with a rise of approx. 10db. at 10,000 cycles. Output—75 db., with non-directional characteristics. Excellent for broadcast stations, High Fidelity P.A. Systems, etc. Shpg. wt. 2 lbs.

YM13418—Your Cost **\$22.05**

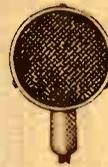
### Midget Mike



The characteristics of this midget crystal microphone is substantially the same as the D-104. It is considerably smaller—measuring only 2 3/4" outside dia., and 7/8" thick. Output—68 db. Finish is bright chrome. Shpg. wt. 2 lbs.

YM13423—Model D105. List \$22.50  
Your Cost **\$13.23**  
Model D-105 RS. Same as above, but equipped with handle and compound switch. Supplied with 8 ft. shielded cable. Shpg. wt. 2 lbs.  
YM13424—Your Cost **\$15.58**

### Lapel Mike



Operates on similar principles as Multi-Cell Type. Extremely sensitive and high quality microphone with high-fidelity characteristics. Output Level—75 db. Response is practically flat to 6,000 cycles. Dimensions—1 3/4" in dia., and 1/2" thick at center. Finish dull black. Equipped with 25 ft. shielded

cable. Shpg. wt. 2 lbs.  
YM13425—List \$30.00  
Your Cost **\$17.64**  
Ideal for use by public speakers, auditorium lecturers, actors, announcers, etc.

## SHURE BROS. CRYSTAL MICROPHONES

### Hand Mike—Model 71AS



Excellent for all types of P.A. work. No polarity, no button current. Non-microphonic—and can be used in any position. Because of its high impedance no input transformer is required. Has chrome case with ring for suspension. Also "push to talk" switch built-in in handle. Response characteristics are excellent. Output Level—60 db. With 7 ft. of cable. Shpg. wt. 8 lbs.

YM13476—List Price \$26.50  
Your Cost **\$15.58**

### Model 70H

This is an improved diaphragm type crystal head with close fitting rings and 4 removable "quickway" hooks. Response from 30-10,000 c.p.s. Output Level—60 db. High impedance unit. Supplied complete with 7 ft. of rubber cable, rings and hooks. Shpg. wt. 5 lbs.

YM13473—Your Cost **\$13.23**  
YM13426—Same as above but for push-pull input. Comprises double unit, both of high impedance. **\$13.23**

### FLOOR STAND

YM13579—For either of above crystal mikes. Regular Shure Model 58RC. Can be raised or lowered at will. No wing nuts or thumb screws. Chrome finish. Shpg. wt. 22 lbs. **\$7.94**  
Your Cost

### New Lapel Mike



Small and unobtrusive, this Lapel mike is ideal for speakers, lecturers, stage presentations, etc. Output Level—65 db. Inherently free from internal or background noise. Weighs only 1 1/2 oz., Dimensions—2" dia., and 3/8" thick.

YM13458—List Price \$25.00  
Your Cost **\$14.70**

### Model 78H Sound Cell



Wide range characteristic—response from 30 to 12,000 cycles. Compact construction. Ideal for recording, high-grade P.A. systems, etc. 120° pick-up minimizes feedback. Output Level—74 db. Supplied with jack for stand m't'g.

YM13419—Your Cost **\$38.22**

### Shielded Plug and Extension Receptacle



Provides completely shielded extensions for any shielded single conductor cable. Brass shells—nickel finish. Provides cable "strain relief." Dia. 1 1/4", overall length when connected 5 3/4".

YN13580—Plug—Your Cost **\$1.32**  
YN13581—Receptacle—Your Cost **\$1.47**

### Stands for Crystal or Ribbon Mikes



Stand on left is an 8" desk stand equipped with a universal ball and socket joint. The joint permits tilting the microphone to any angle. Bright chrome finish. Base 5 1/2". Shpg. wt. 5 lbs.

YM13526—Your Cost **\$3.25**  
YM13528—Stand on right is similar to above, but floor type. Can be extended from 37" to 67". Base 9" in diameter. Highly polished chrome plated. Rigid thumbscrew height adjustment and swivel joint lock nut. Shpg. wt. 14 lbs. **\$6.95**  
Your Cost

YM13576—Similar to stand on right but with 7 1/2" base. Adjustable from 42" to 74". Polished chrome. Top threaded for standard fitting. Shpg. wt. 10 lbs. **\$4.95**  
YM13577—Same as above, but with very heavy 10" dia. base. Adjustable from 46" to 77". Heavy chrome plated. Shpg. wt. 20 lbs. **\$9.25**  
Your Cost

Telescope Stand. Designed for use where extreme portability is desired. Can be varied from 32" to 66". Base dia. 7 3/4". Chromium finish. Shpg. wt. 10 lbs. **\$5.25**  
YN13688—Your Cost

### Demountable Adapter



A convenient fully shielded connector for "plugging-in" and "demounting". SHURE crystal microphones. Plug and receptacle provide for 2 conductors, one of which is grounded. Uses phosphor bronze springs. Brass shell—Finished in chrome.

YM13582—Your Cost **\$2.94**

### Carbon Mike Desk-Stand



Solidly casted ring—6" dia. Base is spun-metal—5 1/4" dia. and filled with casted metal. Overall height—11". Ring is removable. Chromium finish. Knurled grommet in base. Shpg. wt. 3 lbs.

YM13381—Your Cost **\$2.40**

### Banquet Stand



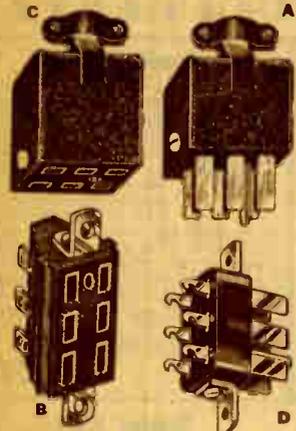
Solidly casted ring—removable for suspension m't'g; dia. 6". Overall Ht. 13 3/4". Base 5 1/4" dia. Satin nickel finish. Shpg. wt. 5 lbs.

YM13427—Your Cost **\$3.25**

Replacement Part Headquarters for Dealers and Service Men

# Microphone Cables & Accessories

## Heavy Duty Plugs and Sockets



A series of heavy duty multiple contact plugs and sockets made of genuine moulded bakelite with heavily armored metal caps. Very sturdily made and are excellent for use with portable public address systems. Finished in black crackle lacquer. Shpg. wt. 1 lb.

### Plug with Clamp

Stock No.	Contacts	Your Cost
YL12400	2	\$0.37
YL12401	4	.45
YL12402	6	.54
YL12403	8	.62
YL12404	10	.70
YL12405	12	.79

### Flush Socket

YL12406	2	\$0.30
YL12407	4	.36
YL12408	6	.42
YL12409	8	.48
YL12410	10	.54
YL12411	12	.60

### Socket with Clamp

Stock No.	Contacts	Your Cost
YL12412	2	\$0.40
YL12413	4	.50
YL12414	6	.61
YL12415	8	.71
YL12416	10	.81
YL12417	12	.91

### Plug—With Angle Brackets For "u" Panel

Stock No.	Contacts	Your Cost
YL12426	2	\$0.27
YL12427	4	.31
YL12428	6	.35
YL12429	8	.39
YL12430	10	.43
YL12431	12	.48

## "Twist Lock" Polarized Armored Connectors

A twist of the wrist and they are securely locked together! Cannot pull apart accidentally. Completely armored for protection against breakage. Equipped with clamps for cable. Will take large size wire up to "u". Shpg. wt. 1 lb.



### Two Wire Connectors

YM13175—Male	<b>38¢</b>
Your Cost	
YM13176—Female	<b>75¢</b>
Your Cost	

### Three Wire Connectors

YM13177—Male	<b>57¢</b>
Your Cost	
YM13178—Female	<b>97¢</b>
Your Cost	

### Four Wire Connectors

YM13179—Male	<b>85¢</b>
Your Cost	
YM13180—Female	<b>\$1.45</b>
Your Cost	

## "Twist Lock" Receptacle

Fits standard outlet box. **YM13181 98¢**  
3 Wire  
**YM13182—Four Wire \$1.25**

## "Twist Lock" Recessed and Base Mount Plugs

For mounting on apparatus and to be used with "Twist Lock" Female Connectors. Recessed type provides flush surface and prevents accidental contacts with prongs. Shpg. wt. 1 lb.



### Two Wire Male

YM13183—Base Mount	<b>35¢</b>
Your Cost	
YM13184—Recessed	<b>55¢</b>
Your Cost	

### Three Wire Male

YM13185—Base Mount	<b>45¢</b>
Your Cost	
YM13186—Recessed	<b>75¢</b>
Your Cost	

### Four Wire Male

YM13187—Base Mount	<b>57¢</b>
Your Cost	
YM13188—Recessed	<b>95¢</b>
Your Cost	

## "Twist Lock" Female

**Receptacle**  
Made of porcelain. Shpg. wt. 1 lb.  
YM13173—2 Wire, Each... 45¢  
YM13174—3 Wire, Each... 79¢

## 3-Way Mike Plug



For quickly connecting double button mikes or any three wire cord. Has a moulded bakelite handle. Contacts are solid brass tinned for easy soldering. Shpg. wt. 1 lb.  
**YM13521 40¢**  
Your Cost

## 3 Way Jack



For use with above plug.  
**YM13522—Your Cost 26¢**

## 3 Way Mike Connector



For use with above plug.  
**YM13523 39¢**  
Your Cost

## Thutest Carbon Granules

Extra fine quality, same as used in better grade microphones—not adulterated. Contains sufficient granules to refill one two-button microphone. Care must be used in measuring amount for each button. Must not be touched with fingers. Shpg. wt. 1 lb.  
**YM13481 40¢**  
Your Cost



## Microphone Springs

These microphone springs are made of fine grade tempered steel, with formed loop ends.  
**YM13402—Set of 8 for 15¢**

## Armored Microphone Connectors

Dia. 1 1/4". Shpg. wt. 1 lb.  
**YM13401 Plug 44¢**  
Your Cost Each  
**YM13400 Socket 58¢**  
Your Cost Each  
YM13415—3 Wire Flush Receptacle, of a hard composition. Will fit above Female Socket No. YM13400.  
**Your Cost Each 59¢**



## Mike Connectors

Plug has metal cover for protection. Shpg. wt. 1 lb.



**YM13398—Plug 17¢**  
Your Cost Each  
**YM13398—Socket 19¢**  
Your Cost Each

## Thutest Shielded Microphone Cable with Armored Connectors



Heavy rubber covered shielded cable impervious to oil and water. Connectors heavily armored and

clamped to cable.	Shipping	Your
Stock No.	Weight	Cost
YQ16080	6 ft. 1 lb.	\$1.75
YQ16081	12 ft. 2 lbs.	1.98
YQ16082	25 ft. 3 lbs.	2.75
YQ16083	50 ft. 5 lbs.	4.25
YQ16084	100 ft. 11 lbs.	6.95

## Thutest Shielded Microphone Cable

Consists of three conductors color coded in a very closely woven tinned copper shielding with 1/4" outer covering of high percentage rubber. Especially intended for outdoor use. Absolutely weather and abrasion proof. Shpg. wt. 10 lbs. per 100 ft.  
**YQ16098—Your Cost per Ft. 7¢**  
12 Ft. for... \$0.79 50 Ft. for... \$3.25  
25 Ft. for... 1.60 100 Ft. for... 6.30

### Special Value! Mike Cable

Light duty cable similar to the above.  
**YQ16145—Your Cost per Ft. 5¢**  
12 Ft. for... \$0.55 50 Ft. for... \$2.00  
25 Ft. for... 1.05 100 Ft. for... 3.90

## Crystal Microphone Cable



### Flexible—Single Conductor

Conductor consists of a flexible stranded tinned copper wire covered with a cotton wrap and lacquered braid shielded with a fine tinned copper braid. Overall 1/4" covering of vulcanized rubber. Absolutely moisture proof and will withstand considerable abuse. Ideal for use with crystal microphones. Shpg. wt. 10 lbs. per 100 ft.  
**YY20842—Per Ft. 3¢**  
**YQ16333—50 Ft. \$1.30**  
**YQ16334—100 Ft. 2.40**

## Rubber Covered 4-Wire Speaker Cable



Heavily rubber covered four wire cable for use in connecting extension speakers outdoors or in portable equipment. Will withstand rough usage; heavy rubber cover plus the hemp wrapper over the conductors makes this wire practically indestructible. Shpg. wt., per 50 ft., 6 lbs.  
**YQ16154—Your Cost per Ft. 5¢**  
Per 100 Ft. \$4.75

**YY20948—Three wire rubber covered cable, similar to the above. Suitable for P. A., theater, and other special installations. 4¢**  
Your Cost per Ft.  
Per 100 Ft. \$3.75

## Shielded Microphone Cable



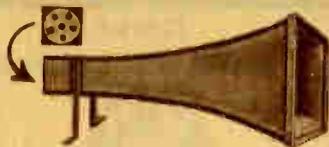
First quality shielded three conductor Microphone Cable that will stand the hardest usage without becoming torn or cracked. Ends provided with suitable lugs for easy connection. Very popular for indoor installations. Cotton covered. Shpg. wt. for 50 ft., 2 1/2 lbs.  
**YQ16132—**  
6 Ft. for... \$0.35 25 Ft. for... \$1.15  
12 Ft. for... .60 50 Ft. for... 1.90

## 5 Wire Rubber Covered Shielded "Mike" Cable



Reinforced with cord, rubber covered, stranded color coded microphone cable. Heavy cotton braid outer layer, tinned shield. Excellent for Condenser Mikes. For all outdoor temporary or permanent jobs. Shpg. wt. 10 lbs., 100 ft.  
**YQ16100—Your Cost per Ft. 8¢**  
Per 100 Ft. \$7.50

# Public Address Units and Trumpets



## Lafayette Introduces a New Vari-Acoustic Trumpet

With the new Lafayette Vari-Acoustic Trumpet you can adjust the low frequency response to suit yourself. A unique method of adjusting the back-pressure increases or decreases the low notes at will. The streamline shape eliminates the losses that occur when the contour of the trumpet is broken. Built throughout of weatherproof material. Finished in bright aluminum. Dimensions: 4 ft. long, bell 30" square. Weatherproof cover included.

YY20041—Lafayette Vari-Acoustic Trumpet. Shpg. wt. 20 lbs. **Your Cost \$14.50**

A new Lafayette Cone Unit, especially designed for use with this and similar type trumpets, employs a cone made of a semi-weatherproof material that will stand great extremes of temperature and humidity. Unit is capable of handling 15 watts and has an unusually powerful field. Field current consumption 1 to 1½ amps., at 6 V. Voice coil diam., 1¼", impedance 8 to 12 ohms.

YY19830—Lafayette 6 V. Cone Unit. Shpg. wt. 10 lbs. **Your Cost \$10.25**

## Lafayette Trumpets



A new 100% weatherproof Trumpet that is guaranteed for a period of two years except where they are subjected to gross misuse or abuse. Constructed of a special all-weather material and securely bound at the edges with a solid brass welding. Detachable aluminum tone arm threaded for reproducer unit. Square bells 30x30". Finished in bright aluminum.

Model L-72—6 ft. long. Shpg. wt. 25 lbs. List \$42.50  
YY20047—Your Cost **\$24.99**

Model L-54—54" long. Shpg. wt. 19 lbs. List \$35.00  
YY20048—Your Cost **\$20.58**

Model L-43—43" long. Shpg. wt. 16 lbs. List \$30.00  
YY20049—Your Cost **\$17.64**

## Special Lafayette Field Supply for 6 Volt Units



Designed and developed to meet an insistent demand for a unit of this type. Input 110 volts A.C., output 6 volts D.C. at 3.5 amperes. Will supply field current for three six ohm speaker units. May also be used to operate 6 volt D.C. phonograph motors on 110 volts A.C. Well filtered so as to be hum free. Size 12" wide, 6" deep, 4½" high. Steel chassis with screen cover. Binding post output terminals. Shpg. wt. 11 lbs.

YW19309—Your Cost **\$14.50**



## Lafayette "Super Giant" Electro-Dynamic Driver Unit

A new Lafayette product that again proves Lafayette's ability to offer a finer—better product at a very low price. The diaphragm in this unit is spun from sheets of the finest grade of duraluminum. It is then given various heat treatments and annealing processes so as to provide a diaphragm that will respond to every change in electrical input yet remain rigid enough to assure an accurately centered voice coil at all times. The sound output of this unit is exceptionally high in relation to the electrical input—the result of careful placement of the voice coil in the magnetic field and a powerful field flux. Voice coil impedance 15 ohms. 6-8 V. field. Sapp. wt. 15 lbs.

YY20046—Your Cost **\$23.52**

## Circular Bell Trumpets



Produced by an entirely new method these horns have no parallel for true reproduction over a wide range of frequencies.

Solidcast aluminum throat. Finished in bright aluminum. 1" metal bead edge.

Model C-6—6 ft. long. Shpg. wt. 27 lbs. List \$42.50  
YY20054—Your Cost **\$25.00**

Model C-3—42" long. Shpg. wt. 15 lbs. List \$25.00  
YY20055—Your Cost **\$14.70**

## "DEMOUNTABLE" Directional Baffle



A demountable directional speaker baffle that can be quickly and easily assembled or taken apart in a few minutes with a socket wrench or a pair of pliers. Weatherproof material—aluminum finished. Bell opening 22x23"; length 25". Can be stored in

space 27x25x3". Shpg. wt. 15 lbs.

YY20052—7" opening  
YY20053—10" opening  
Your Cost Either Type **\$5.40**

## "DEMOUNTABLE" Flared Baffle



Can be assembled or disassembled in a few minutes with a socket wrench or small pair of pliers. Fastened together with offset spade bolts. Dimensions assembled 13" deep, 30x18" bell. Unassembled 30x16x2½" aluminum finish. Weatherproof material. Shpg. wt. 10 lbs.

"Demountable" Speaker Housing  
For use with either flared or directional baffle. Inside dim., 16x16x11½".  
YY20051—Your Cost **\$2.85**

YY19837—7" opening  
YY19838—10" opening  
Your Cost Either Type **\$3.95**

## All-Aluminum "Dome" Baffle



A new development in directive baffles. All-aluminum construction. Equipped with suspension rings. For 12" speakers. Comes with weather proof Snap-on Cover. Overall length 20" Diameter of bell 17", length of bell 10". Shpg. wt. 4 lbs.

YY20044—Your Cost **\$8.82**  
ADAPTER RINGS. For reducing size of opening. State size when ordering.  
YY20045—Your Cost Each **44c**

## Wall Surface Speaker Housing



Of heavy gauge aluminum with weather-resistant natural finish. Metal screen and grill cloth cover opening. Cone diam. 5½", inside depth 4½". Shpg. wt. 2 lbs. SH-5.

YY20061—Your Cost **\$2.94**  
Same but with 7" opening, LH-7.  
YY20062—Your Cost **\$3.53**

## Lafayette Aluminum Baffles

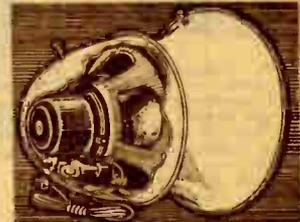


## Floor Stand and Sound Truck Models

The floor stand has a three point heavily weighted base (22 lbs.) which offers ample support for the heaviest cone units. Wing nut arrangement permits directing of baffle in any desired position and then locking in place. Stand is 5 ft. high. Stand finished in black crystalline. Mounting Fixture, is available as a separate unit. For mounting baffle on any sturdy pipe standard.

YY20059—Floor Stand only. **\$14.70**  
Shpg. wt. 35 lbs. Your Cost  
YY20060—Mounting Fixture only **\$5.30**  
Shpg. wt. 4 lbs. Your Cost

## Baffle with Built-In ROLA High-Fidelity Speaker



The All-Aluminum "Dome" baffle is available with a built-in Rola high fidelity speaker. This speaker is supplied for either A.C. or D.C. operation. Comes completely mounted, with cord and plug for ease of connection. Full description of speaker on page 52. Transformer furnished for P.P. 45 type tubes or for 500 ohm line tapped at 250 ohms. Specify type desired.

YY20057—D.C. Model. 640 ohm field. Shpg. wt. 30 lbs. **\$19.50**  
Your Cost  
YY20058—A.C. Model with built-in field supply using two 26Z5 tubes. Shpg. wt. 34 lbs. **\$24.50**  
Your Cost, with Tubes

# PUBLIC ADDRESS *and* HIGH-FIDELITY SPEAKERS

## Wright de Coster Speakers



### Stadium Model 5800

A full range speaker capable of handling great amount of

power. Unusually rugged construction; will stand up under severe conditions of operation. Supplied with tapped input transformer providing the following impedances: 10 (voice coil), 500, 1000, 1500 and 4000 ohms. Field resistance 1800 ohms (operates on 220 to 276 volts at 125 to 150 milliamperes). Field dissipation 18 to 40 watts. Size 12" wide, 9" deep and 12 1/4" high. Shpg. wt. 35 lbs.

**YW19354—Your Cost \$28.42**

No. P.A. 2760—Single tube field exciter. For use with one model 5800 speaker. 110 volts, 50-60 cycles A.C. With tube. Shpg. wt. 7 lbs.

**YW19185—Your Cost \$13.52**

No. P.A. 3930—Double tube field exciter. For one to three model 5800 speakers. With tubes. 110 volts, 50-60 cycles A.C. Shpg. wt. 9 lbs.

**YW19186—Your Cost \$19.25**

### Model 4500

Similar to Model 5800, but only 12-25 watts dissipation. Dimensions: 12 1/2" wide, 8 1/2" deep, 12 1/4" high. Shpg. wt. 32 lbs.

**YW19353—Model 4500 Your Cost \$22.05**

### Model 319

Special Sound-on-film speaker, to be used with Model 4500.

**YW19373—Model 319 Your Cost \$22.05**

## Wright de Coster Trumpets



Model 5000. Designed especially for the "Stadium" model speakers. Guaranteed weatherproof. Edges reinforced and striped with metal. Has metal box for housing unit. Screen across opening excludes foreign substances. Dimensions: Length, overall, 48"; bell at opening, 30x21 1/4". Shpg. wt. 91 lbs.

**YW20058—Your Cost \$24.50**

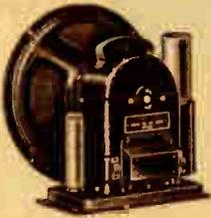
### Model 2050

#### Utility Combination

Constructed of wood and insulite, with silver finish. Exterior is weatherproofed. Has screen across opening. Special 6" speaker furnished with 2500 ohm field. Voice coil impedance 5.2 ohms. Handles 6 watts (max.) continuously. Size: overall length 27 1/2", bell at opening 22 1/4" x 14". Furnished less output transformer. Shpg. wt. 20 lbs.

**YW19187—Model 2050 Your Cost \$10.05**

## ROLA "High Fidelity" Speakers



Two speakers, designed to meet the demand for efficient and high fidelity reproduction. Both units use a full 12" cone. D.C. model essentially flat response, 50-8000 cycles with less than 10 db. variation. Field resistance 640 ohms for 110 volts D.C., 1000 ohms for 140



volts D.C. and 2500 ohms for 225 volts D.C. Voice coil, 8 ohms. Output transformer (for both D.C. and A.C. Speakers) 250-500 ohms. Other transformers supplied on request. Dimensions: 12 1/2" wide, 12 3/4" high, 7 1/4" deep. Shpg. wt. 26 lbs.

**YW19300—D.C. Model. Your Cost \$9.95**

### A.C. Model

Same as above speaker, but with special exciter unit designed by Lafayette engineers. Uses 5Z3 tube. Delivers ample current for full field excitation of this speaker, in an absolutely humless form. Shpg. wt. 30 lbs.

**YW19301—A.C. Model, less tube. Your Cost \$14.95**

## P. A. Speaker "Specials"

Particularly designed for P.A. Systems. Handles 8 Watts continuously. Over-size cone made of special acoustic paper. Line matching transformer has impedance of 250-500 ohms. Field resistance 1000 ohms. A.C. speaker uses 5Z3 tube as a rectifier, and comes complete with tube. Overall dimensions 12 1/2" high, 11 1/2" wide, 7" deep. Shpg. wt. A.C. 13 lbs., D.C. 10 lbs.

**YW19374—D.C. Model. Your Cost \$7.95**

**YW19375—A.C. Model. Your Cost \$12.50**



## Special 12" A.C. Dynamic



Similar to the above "specials", but will not handle quite as much power. Ideal for small P.A. systems or for inter-office call systems. Transformer supplied for 500 ohm line tapped at 250 ohms. Uses 25Z5 rectifier. Well filtered. Will handle 5 watts of audio power continuously. Shpg. wt. 10 lbs.

**YW19249—Less Tube. Your Cost \$7.45**

## OXFORD CHROMAVOX

### 14" Photophone Type



Will handle great power with exceptionally fine tone quality. Extremely heavy wound field. Voice coil diameter 1 1/4", impedance 8 ohms; suspended by a 3 point spider flexible enough to ensure good response. Speaker will safely carry 16 watts continuously and 25 watts peak power. Finished in satin black and constructed so that it can be mounted on a base or a baffle. Overall height 14 1/2". Field dissipation 15 watts. Shpg. wt. 24 lbs.

**YW19153—1000 ohm field. Your Cost \$9.94**  
**YW19155—2500 ohm field.**  
**YW19154—6 ohm field.**

### 14" A.C. Model

The A.C. model is exactly the same in every detail, except that it is equipped with a field supply. Requires a 5Z3 tube. For 110 volts A.C. operation (60 cycles). Shpg. wt. 29 lbs.

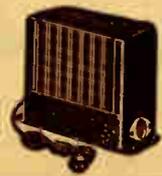
**YW19137—Less tube. Your Cost \$14.94**

## Lafayette "Humless" Field Supply

Interchangeable for 1000 or 2500 ohm fields. For 110 volts A.C. Model for 220 volts available at slight additional cost. Single field uses one 25Z5. Dual field two 25Z5s. Black steel case. 7" long, 3 3/4" wide, 6 1/2" high. Shpg. wt. 6 lbs.

**YW19294—Single, less tube. Your Cost \$2.90**

**YW19295—Dual, less tubes. Your Cost \$3.95**



## JENSEN Auditorium Models



In sound output these new Auditorium Speakers are 400% more efficient than the conventional type. They are fully capable of handling continuously 20 watts of energy, but the sound output from 20 watts electrical input is at least three times greater than that from other cone speakers of equivalent cone area. Construction and performance are beyond comparison. Dimensions: Overall width, 13 1/2"; height, 13 3/8"; depth, 8 1/2". Baffle opening 12". Shpg. wt. D.C. 48 lbs.; A.C. 56 lbs.

**YW19246—110 volts A.C. List \$76.50**

**Your Cost \$52.47**

(A.C. Models are priced with tube.)

**YW19248—110 volts D.C. List \$51.50**

**Your Cost \$35.33**

## Ortho-Dynamic Models

These models will handle 12 watts continuously with a peak input of 18 watts. Frequency response is unusually uniform from 30 to 5500 cycles. Finished in black and aluminum. A.C. models rectifier tube and cone complete with tube. Shpg. wt. D.C. models 25 lbs.; A.C. 35 lbs.

**YW19256—110 volts D.C. List \$36.50**

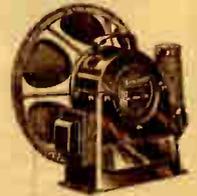
**Your Cost \$25.03**

**YW19260—110 volts A.C. List \$53.50**

**Your Cost \$36.70**

All Models are available with either of two types of input transformers. Regular is center tapped and has an impedance 4000 to 6000 ohms suitable for most tubes. Line is for 500 ohm lines. When ordering state type desired.

## JENSEN "High Fidelity" Speakers



30 to

8000

C.P.S.

Cone 12". Range 30-8000 cycles. Voice coil 8 ohms. Field 860 ohms, wattage 18. Will handle 10 watts safely. Transformer 4200 ohms, matches 4000-4500 ohm line. 500 ohm transformer available. Finish black and chrome. A.C. model includes tube. 12" wide, 12 1/4" high, 8" deep. Shpg. wt. 35 lbs.

**YW19304—D.C. Model A12 Your Cost \$18.18**

**YW19305—A.C. Model A12 Your Cost \$29.15**

# Quality SPEAKERS for Every Requirement

## W.D. Wright DeCoster SPEAKERS

### New! Paracurve 12" Speaker Model 1750

A new wide-range speaker which has better response than all previous models made by this company. New and novel cone construction eliminates sub-harmonics, assists in elimination of H.F. cancellation, and extends the H.F. range to over 8,000 cycles. Voice coil impedance 2.6 ohms. Field resistance—2500 ohms, dissipation 9 W. min., and 16 W. max. Recommended for use with Model 520 Field Supply. Universal output Transformer. Shpg. wt. 0 lbs.

**YW19395** Your Cost **\$8.58**



### Model 790

Large 10-inch D.C. speaker. Employs a universal output transformer. Field coil resistance 2,500 ohms. Cadmium plated finish. Voice coil impedance 5.05 ohms at 400 cycles. Field coil dissipation 12 watts maximum, 6 watts minimum. Cone tends to maintain adjustment. Concentric ridging provides better frequency response. Includes hum bucking or neutralizing coil to minimize A.C. hum in output (which is included in models 530 and 630).

**YW19158** Shpg. wt. 6 lbs. **\$3.87**  
Your Cost



### Model 530

Diameter 6 inches. Output transformer of universal type. Field coil resistance—2,500 ohms. Voice coil impedance 3.58 ohms at 400 cycles. Field coil dissipation: max. 9 watts, min. 5 watts. Cadmium finish. Shpg. wt. 4 lbs.

**YW19159** Your Cost **\$2.59**



diss. 6 watts max. Shpg. wt. 2 lbs.  
**YW19161** Your Cost **\$1.91**

### Model 630

Diameter 8 inches. Universal output transformer. Field coil resistance—2,500 ohms. Voice coil impedance 3.58 ohms at 400 cps. Field dissipation: 9 watts max., 5 watts min. Cadmium plated finish. Shpg. wt. 5 lbs.

**YW19160** Your Cost **\$3.09**

### A.C. Field Supply

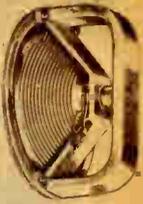
Operates from any 110 volt A.C. supply. Will deliver 10 watts to any 2,500 ohms speaker. Uses single 25Z5 tube. 8 1/2 x 2 1/2 x 1 1/2. Shpg. wt. 4 lbs. Less tube.  
**YW19162** Your Cost **\$2.30**



### Permanent Magnet Dynamic

A high grade scientifically constructed dynamic speaker. Requires no field excitation. Designed for use in battery sets, auto sets, or where no A.C. or D.C. is available. Comparable with large regularly field excited dynamics. Uses special cobalt steel magnet. Cone 8" dia. Shpg. wt. 12 lbs.

**YW19135** Your Cost **\$6.65**  
**YW19134** Same as above, but with 6" cone. Will handle large output. Shpg. wt. 5 lbs. **\$3.70**  
Your Cost



## ROLA Speakers

### F4-5" Dynamic



For use in mid-gate receivers. Frequency response exceptionally fine. Has standard 3,000 ohm field. Shpg. wt. 3 lbs.

**YW19115** For Single 45, 71A.  
**YW19116** For Single 43.  
**YW19117** For Single 47, 2A5.  
Your Cost, **\$2.45**  
Any Type

### Type F5B-6" Dynamic

Similar to above, but 6" diam. 2,500 ohm field. Shpg. wt. 4 lbs.

**YW19118** For Single 45, 50.  
**YW19113** For P.P. 45, 50.  
**YW19131** For Single 47, 2A5.  
**YW191315** For P.P. 47, 42.  
Your Cost, **\$2.95**  
Any Type

### Type F8-8" Dynamic

Similar to the F6 in construction and appearance, but 8" in dia. Will handle more power, has better response. Shpg. wt. 6 lbs.  
**YW19316** For Single 45, 50.

### K10 10" Dynamic



Will handle 6 watts. Has 2,500 ohm field. Shpg. wt. 12 lbs.  
**YW19338** For Single 45, 50.  
**YW19339** For P.P. 45 or 50.  
**YW19340** For Single 47, 2A5, 46.  
**YW19341** For P.P. 47, 2A5, 46.  
Your Cost Each, **\$4.45**  
Any Type

**Type K12-12"**  
Handle 10 watts. Shpg. wt. 13 lbs.  
**YW19342** For Single 45, 50.  
**YW19343** For P.P. 45, 50.  
**YW19344** For Single 47, 2A5.  
**YW19345** For P.P. 47, 2A5.  
Your Cost Each, **\$5.45**  
Any Type

### Permanent Magnetic Speaker

**Type PM-8**, Equal to the finest electro-magnet energized type. Employs dome center shield, Corrugated cone. Outside diameter 8 1/2". Shpg. wt. 9 lbs.

**YW19346** P.P. 45, 50.  
**YW19347** P.P. 46, 47, 2A5. **\$6.70**  
Your Cost Each, Any Type  
**YW19348** Type PM-6. Same as above, but 6" outside dia. P.P. 45's. **\$5.75**  
Your Cost



# RACON Cone Units and Trumpets

## RACON High Quality Dynamic Speaker Units

### Giant Unit



A powerful Dynamic Unit especially designed for use with trumpet type horns. Handles 20 watts continuously or 50 watts peak. Has 15 ohm voice coil and requires 6-8 volts at 1.1 amps. for field excitation. Has threaded collar for attaching horn or the triple connector described below. Shpg. wt. 26 lbs.

Less transformer.  
**YW19265** Your Cost Each **\$32.34**

### RACON Master Unit

Similar in appearance to the above unit. Continuous operating capacity 20 watts, peak 50 watts. 15 ohm voice coil; 6-8 volts at 1.1 amps. field current. Shpg. wt. 18 lbs. Less coupling transformer.

**YW19266** Your Cost **\$25.87**

### RACON Baby



Continuous operating capacity 5 to 7 1/2 watts; peak capacity 20 watts. Voice coil 15 ohms. Field current, 6 volts at 1 1/4 amps. Shpg. wt. 9 lbs. Complete, less Coupling Transformer.

**YW19268** List \$27.50  
Your Cost Each **\$16.17**

### RACON Super Giant



Particularly adapted for theatre and auditorium. 6 to 8-volt field excitation. 1.1 ampere consumption at 6 volts 15-ohm voice coil impedance. Continuous operating capacity 25 watts. Peak load capacity 50 watts.

Shpg. wt. 20 lbs.  
**YY19754** Your Cost **\$38.80**

## RACON Trumpets

Made of fabric, impregnated and hardened.



### 3 1/2 Ft. Trumpets Bell 22" Round

**De Luxe Model**. Equipped with metal beaded edge, cast aluminum ferrule and suspension ring. For indoor or temporary outdoor use. Shpg. wt. 17 lbs. List \$27.50 **\$16.15**  
**YY19789** Your Cost  
**Regular Model**. Same as above but for indoor use only. List \$22.00 **\$12.94**  
**YY19790** Your Cost

### 6 Ft. Trumpet—Bell 30" Round

**Stormproof Model**. Metal beaded edge, cast aluminum throat, 4" suspension ring. For outdoor use. Shpg. wt. 35 lbs. **\$42.00**  
**YY19791** Your Cost  
**All Metal Model**. Cast aluminum throat, reinforced bell rim. Shpg. wt. 20 lbs. List \$55.00 **\$32.34**  
**YY0745** Your Cost

For Racan and Lafayette Exciters see pages 00 and 30. We carry a complete line of Racan Units, High Frequency Speakers, Trumpets, etc. Write for complete description and prices.

WRITE FOR FREE COPY OF COMPLETE "HAM" CATALOG

# Quality Speakers FOR EVERY REQUIREMENT

## UTAH Orthovox Speakers



Orthovox speakers employ a permanent magnetic field, and in reproducing qualities compare with the best speakers in use. They are especially adaptable where field current is difficult to provide, such as battery operated and portable receivers. Employs a three point anchorage of motor unit to frame, and will give reliable service even under extreme atmospheric conditions. No matching transformer required, present types available are designed to operate with tubes listed. Available in 5", 6 1/2" and 8" overall sizes.

### High Impedance Speakers

Designed to work into any single or push-pull output stage having a total primary load impedance of from 12,000 to 18,000 ohms, i.e.: push-pull stages using following tubes: 10, 12A, 18, 19, 20, 31, 33, 38, 41, 42, 46, 47, 79, 59, 89, 2A5, 6A4, LA, 6A6. Single tube power stage using 38, 49 and 12A7.

Stock No.	Dia.	Power Cap.	Shpg. Wt.	Your Cost
YW19326	5"	1 1/2 w.	6	\$1.95
YW19327	6 1/2"	2 w.	7	2.05
YW19328	8"	3 1/2 w.	9	2.35
YW19329	12"	6 w.	11	3.50

### Medium Impedance Speakers

For tubes of the following types— in push-pull: 43, 45, 71A. Single tube output stages using the following tubes—10, 12, 18, 19, 20, 31, 38, 38, 41, 42, 43, 46, 47, 49, 59, 89, 2A5, LA, GA, and PZ. Or, for any type of output tube in single or push-pull operation, having a total primary load impedance of from 7000 to 12000 ohms.

Stock No.	Dia.	Power Cap.	Shpg. Wt.	Your Cost
YW19334	5"	1 1/2 w.	6	\$1.95
YW19335	6 1/2"	2 w.	7	2.05
YW19336	8"	3 1/2 w.	9	2.35
YW19337	12"	6 w.	11	3.50

## Special 9 1/2" Dynamic

A fine quality speaker that will afford excellent tone quality and frequency response. Supplied with either 1000, 1800 or 2500 ohm field. Transformer supplied for single or P.P. 45, 46, 47, 48, 2A5, 2A3, 59, 79, or 50 output tubes. **Specify Type Transformer and Field Coil when ordering.** Shpg. wt. 6 lbs.  
**YW19120—9 1/2" Dynamic Speaker**  
**Your Cost, Special.....\$2.45**



## A.C.-D.C. Compact

### Dynamic Speaker 5 Inch Model

Especially designed for use in Universal midgets. Has standard 3000 ohm field and is furnished with transformer for single 38 or 43 tube. Size 5x4 1/2 x 2 1/2". Shpg. wt. 5 lbs.  
**YW19293—**  
**Your Cost.....\$1.35**



## 11" Junior Model

For use in large consoles, and small or medium-sized amplifiers. Has excellent frequency response. Will handle large outputs without distortion. Field resistance 2,500 ohms. Furnished with Universal Output Transformer for any power tube. All metal parts cadmium plated. Shpg. wt. 13 lbs.  
**YW19290—**  
**Your Cost.....\$3.40**



## Special 6" Dynamic Speaker



A real bargain in speakers. This midget dynamic is exceptionally well constructed and shows a fine frequency response. Tone faithfully reproduced. Has a standard 1800 ohm field coil. Employs ridged pressed paper cone with scientifically designed spider. All metal parts finished in bright cadmium plate. Shpg. wt. 4 lbs.

**YW19131—Less Output Transformer**  
**Your Cost, Special.....95¢**  
**YW19124—With Output Transformer for Single 47 or 2A5.**  
**Your Cost, Special.....\$1.39**

## 11" Class "B" Dynamic Speaker

Designed for use with P.A. and other high power installations. Finest materials used in its construction. Oversized field coil has standard 2500 ohms resistance. Output transformer of Universal type, to match any power tube, or any push-pull arrangement of power tubes. Size 11" wide, 6 1/2" deep, 11 1/2" high. A really large speaker that will carry considerable power. Black crystalline finish on all metal parts prevents rust. Shpg. wt. 17 lbs.  
**YW19289—**  
**Your Cost.....\$4.70**



## 8 1/2" A.C.-D.C. Dynamic Speakers

These speakers will handle a continuous output of 6 watts. Finished in bright cadmium plate. A.C. model has built in field supply using a type 80 tube. D.C. model has a standard 2500 ohm field. Universal output transformer for any type power tube, whether single or in push-pull. Shpg. wt. 15 lbs.  
**YW19291—A.C. model, less tube**  
**Your Cost.....\$5.35**  
**YW19292—D.C. model.**  
**Your Cost.....\$2.75**



## Special 6" Midget Model—Dynamic

Furnished with universal output transformer to match any existing types of output tubes. Specify type desired when ordering. Finished in cadmium plate. Shpg. wt. 8 lbs.  
**YW19166—2500 ohms.**  
**YW19122—6-volt field for Auto sets.**  
**YW19109—1800 ohms, tapped at 300.**  
**Your Cost, Either Type.....\$1.75**



## Gloritone 6 1/2" Speaker

Replacement speaker for the Gloritone receiver. Has 11,500 ohm field tapped at 9,040 ohms. Equipped with transformer for single 45 tube. 6 1/2" diameter. Shpg. wt. 8 lbs.  
**YW19123—**  
**Your Cost, Special.....\$2.95**  
**YW19112—Same 8 1/2" diameter**  
**Your Cost, Special.....\$3.75**



## Balanced Armature Magnetic Speakers



Employ unusually powerful magnets and balanced armatures. Highly sensitive and will handle considerable volume without rattling. Wide frequency range. Available in chassis form or in walnut finished cabinets having scroll grill front and back, and provided with 6 foot two conductor flexible cord.

Speaker Chassis Only				
Stock No.	Cone Diam.	Shpg. Wt.	Your Cost	
YW19121	3"	2 lbs.	\$1.10	
YW19152	5"	3 lbs.	1.20	
YW19199	6"	5 lbs.	1.35	
YW19119	9"	7 lbs.	1.80	
Speakers in Cabinets				
YW19106	5"	4 lbs.	2.18	
YW19107	6"	6 lbs.	2.38	
YW19108	9"	8 lbs.	3.05	

## BBL Magnetic Speaker



shown above. Cabinet has paneled front with dull gold grille cloth. Excellent as an extension speaker or in hotels, etc. Size 13x11x7 1/2". Shpg. wt. 9 lbs.  
**YW19177—Your Cost.....\$3.98**

One of the finest magnetic speakers available. Will handle large output without rattling or distorting. Reproduces the entire tonal range with remarkable fidelity. Has impedance of 7000 ohms at 1000 cycles. D.C. resistance 1000 ohms. Cone dia. 9 3/4". Shpg. wt. 7 lbs.  
**YW19133—**  
**Your Cost.....\$2.38**

The above speaker is available in the handsome walnut cabinet front with dull gold grille cloth. Size 13x11x7 1/2".

## ELECTROPHONE H. F. "Crystal" Speaker



A highly efficient high frequency speaker that requires no field current—no filter system—and can be connected directly to the voice coil terminals of any dynamic speaker. The diaphragm of this speaker consists of four crystals that will respond to frequencies over 1500 cycles. A coupling transformer to couple the speaker to any existing voice coil leads is included. Short flare horn is of moulded bakelite 5" long with bell 3 1/2" dia. Length of speaker overall 7 1/2". Shpg. wt. 5 lbs.  
**YW19279—Electrophone Crystal Speaker**  
**Your Cost.....\$27.50**

## Celotex Speaker Baffles



Any size hole can be had, to your specifications at no additional cost. When ordering specify size hole desired. Shpg. wt. 2 1/2 lbs. per sq. ft.

1 1/2" Thick				
Stock No.	Size In.	Hole Size In.	Your Cost	
YW19793	12x12	5, 7 1/2, 9	\$0.27	
YW19988	12x18	7 1/2 or 9	.49	
YW19989	16x16	7 1/2 or 9	.67	
YW19794	18x18	7 1/2 or 9	.80	
YW19795	24x24	7 1/2 or 9	1.18	
YW19796	36x36	9 or 12	2.75	
YW19797	48x48	None	4.95	
YW19799	48x72	None	6.75	
3/4" Thick				
YW19714	12x12	5, 7 1/2, 9	.17	
YW19750	12x16	7 1/2 or 9	.23	
YW19752	16x16	7 1/2 or 9	.28	
YW19751	12x18	7 1/2 or 9	.32	
YW19715	18x18	7 1/2 or 9	.43	
YW19716	24x24	7 1/2 or 9	.64	
YW19717	36x36	None	1.50	
YW19718	48x48	None	2.75	

# SPEAKER REPLACEMENT PARTS

## Replacement Cones for Standard Speakers

Stock No.	Set or Speaker	Outer Diam.	Your Cost
YW19501	Atwater Kent 43, 46, 55, 60, 64, 66, 67, F4, Part No. 15142.	10 1/4"	\$1.10
YW19782	Atwater Kent 48, 46, 55, 60, 64, 66, 67, F2.	10 1/4"	1.10
YW19502	Atwater Kent, 80, 82, 84, 55B, 627, 87, 90, 92, Early Models 83, 85.	8 3/4"	.95
YW19611	Baldwin	9"	1.40
YW19505	Bosch 48-58	9 3/4"	1.25
YW19614	Brunswick D.D.	8"	1.15
YW19574	Colonial 83-LL, 18	12 1/4"	1.42
YW19579	Colonial 36	10"	1.59
YW19617	Crosley M45, 40S	9"	1.15
YW19519	Edison R4-5-7-8	11 1/4"	1.45
YW19515	Eveready	10"	1.45
YW19580	Fada, 15, 20, 32, 25	8 3/4"	1.62
YW19581	Fada 10A, 10B	8 3/4"	1.62
YW19582	Fada 14, 70 Series	10 1/4"	1.70
YW19583	Fada 11, 12, KU, KW	10 1/2"	1.91
YW19403	General Electric 31, 51, 71, 120, 322	10 1/4"	1.20
YW19584	Jensen D4, D5	9 1/2"	1.35
YW19519	Jensen D7, D8	11 1/4"	1.35
YW19622	Jensen D11	8 3/4"	1.35
YW19645	Jensen D9, Inner Spider	11 1/4"	1.25
YW19625	Magnavox 144	7 1/2"	1.15
YW19361	Magnavox 154 (2 pt. Spider)	8"	1.25
YW19530	Majestic G1	9"	.84
YW19531	Majestic G2	9"	.85
YW19532	Majestic G3, G4	10"	.93
YW19646	Majestic G6, G7	10"	1.20
YW19533	Majestic G5, G8, G9	12"	1.29
YW19647	Majestic G14	12"	.95
YW19535	Majestic G13	11 1/2"	.95
YW19626	Majestic G10B, G10D	8 3/4"	.85
YW19587	Majestic G11B	9 1/2"	1.13
YW19590	Majestic G19	10"	.95
YW19628	Oxford 2 1/2" deep	12 1/4"	1.34
YW19547	Philco 20, 70, 90 small	Part No. 02996	.61
YW19400	Philco 40, 41, 65, 76, 77, 95, 96, 111, 112, 90 large	86-3170	.85
YW19401	Philco 47, 71	86-3159	.50
YW19552	Philco 50, 51 small, 80, 81	02861	.62
YW19553	Philco 50, 51 large	02887	.69
YW19640	Rola F5	6 1/4"	.95
YW19648	Rola F6, F8	8 1/4"	.95
YW19641	Rola K9, Outside Spider	11"	1.40
YW19597	Stewart-Warner, 2 point Spider	9"	1.30
YW19550	Stewart-Warner, 3 point Spider	9"	1.30
YW19565	Temple Auditorium	14"	2.25
YW19629	U. S. Apex Gloritone 26	8 1/2"	.95
YW19642	U. S. Apex Gloritone	10"	1.20
YW19670	Utah Stadium 65A	12"	1.35
YW19571	Victor RE32, 45, 75, 52	9"	.73
YW19574	Zenith 52, 72, 50, LL18	12 1/4"	1.42

## Exact Duplicate Replacement Cones for Automobile Radio Sets

Stock No.	Set or Speaker	Outer Diam.	Your Cost
YW19755	Arvin 10	5"	\$0.75
YW19756	Atwater Kent 666	6 1/4"	1.00
YW19757	Crosley Roamio 96, 98 and 99	6"	1.00
YW19758	Crosley Roamio 108	6"	1.00
YW19759	Emerson	5"	.83
YW19760	General Elec. B-40	5"	.60
YW19761	Majestic 66, 116A	6 1/4"	.75
YW19762	Majestic 110 (Mag.)	5"	.75
YW19763	Majestic 110 (Utah)	5"	.75
YW19764	Majestic 116	5"	.83
YW19761	Majestic 118 (Ford)	6 1/4"	.75
YW19765	Motorola 84	5"	.75
YW19766	Motorola 44 (Mag.)	5"	.75
YW19767	Motorola 44 (Utah)	5"	.75
YW19768	Motorola 77A	6 1/4"	1.00
YW19769	Motorola 77B	8"	1.25
YW19770	Motorola 88	8"	1.25
YW19771	Motorola Supersix	6 1/4"	1.00
YW19772	Motorola Twin Eight	8"	1.25
YW19773	Philco 5	5 1/4"	1.20
YW19774	Philco 6, 7, 8, 9, 10, 12, 700, 800	7 1/2"	1.00
YW19775	Stromberg-Carlson	8"	1.25

## Genuine RCA-VICTOR Replacement Speaker Cones



Wholesale Radio Service Company, authorized distributors of genuine RCA-Victor factory replacement parts, is now able to offer the servicemen a complete line of original speaker cones. Consult listing below for most popular numbers. If you cannot find what you want, we can get it for you at a 40% discount.

Stock No.	Model	Cone Diam.	Your Cost Each
YW19403	For RCA 106 Speaker. Used in models 34, 35, 39, 41 A.C., 41 D.C., 46, 47, 66, 62, 64, 67, 50, 55, 59, 80, 82, 86, RE20, RE59, and RAE79, RCA Part No. 8558.		<b>\$1.20</b>
YW19404	For models R6, 7, 8, 9, 10, 11, 12, RE18, RE19, 21, 14, 15, 17, 42, 48, RCA part No. 8601.		<b>90c</b>
YW19405	For Victor models 32, 45, 52, 75, RCA No. 10801.		<b>\$1.20</b>
YW19406	For R28, 28P, RE40, R22, 100, 101, 110, 111, 114, 115, 300, 301, RCA No. 8987.		<b>60c</b>
YW19407	For R5, R5X R5 D.C., RCA No. 7236.		<b>60c</b>
YW19408	For R17M, R27 (Magnetic), RCA No. 7594.		<b>60c</b>
YW19409	For R18W, R27 (Dynamic), RCA No. 7598.		<b>53c</b>
YW19776	For RCA Auto Sets, models M-34, M-105. RCA No. 9023.		<b>60c</b>
YW19410	For R37, 38, 37P, 38P, 112, 120, 121, 122, 142B, 241B, 310, RCA No. 9428.		<b>60c</b>
YW19200	For 100-A Speaker RCA No. 9190.		<b>75c</b>
YW19200	Each		<b>75c</b>
YW19210	For 100-B and 103 RCA No. 8359.		<b>75c</b>
YW19210	Each		<b>75c</b>

## Cones for Standard 5" Midjet Speakers

Stock No.	Manufacturer's Name	Your Cost Each
YW19783	Beat D-5	\$0.85
YW19784	Jensen T-1, T-2	.85
YW19785	Jensen T-3, 343 (used in Crosley 175 and Roamio)	.85
YW19786	Magnavox M44, 158	.90
YW19787	Magnavox 195	.85
YW19778	Majestic G-25A	.75
YW19779	Majestic G-26	.75
YW19780	Operadio	.80
YW19748	Quam	.85
YW19749	Utah Cub	1.10

## Genuine Wright deCoster Speaker Cones

Stock No.	Model	Cone Diam.	Your Cost Each
YW19658	107	10"	\$2.50
YW19659	107	12"	2.50
YW19724	305-5800	12"	2.50
YW19725	315	12"	2.50
YW19727	425-1980	12"	2.00
YW19711	207	12"	2.50
YW19712	205	12"	2.50
YW19726	325	12"	2.00

### NOTE!

We can supply you with any speaker cone not listed above, at lowest prices. Give all necessary information and if possible, send sample.

## Replacement Field Coils

Stock No.	Set of Speaker	Ohms	Your Cost
YW19420	Apex 20 (2 winding)	5985	\$1.75
YW19668	Brunswick 16	2500	1.95
YW19418	Colonial 38 A.C.	6000	2.95
YW19422	Crosley M45	1500	2.29
YW19686	Crosley Model 57, 58, 59, 269	10000	2.29
YW19669	Edison	4500	3.25
YW19688	Gloritone 8" tapped	1800	2.25
YW19429	Jensen D7, D8	1500	2.45
YW19432	Jensen D9, D15	1000	1.33
YW19436	Jensen D9, D15	2500	1.47
YW19694	Lytic 9"	3000	3.45
YW19670	Magnavox 9" medium	2500	2.15
YW19446	Majestic G1	3100	3.15
YW19447	Majestic G2	2730	3.15
YW19657	Majestic G4, G5	7650	3.75
YW19677	Majestic G6, G20	1000	3.50
YW19678	Majestic G8	2750	3.15
YW19753	RCA R4	1900	.79
YW19471	Rola C	1500	3.50
YW19411	Rola F4	3000	.59
YW19474	Rola F6, F8, K7, K9	1800	1.40
YW19475	Rola F6, F8, K7, K9	2500	1.75
YW19696	Silver-Marshall 30	1500	3.95
YW19679	Stewart Warner 950	10000	3.80
YW19482	Stromberg-Carlson	7300	2.65
YW19484	Temple All Models	2250	2.65
YW19688	Utah 8" tapped	1800	2.25
YW19652	Utah Midjet	2500	1.95
YW19486	Victor RE-32-45-75	3000	1.75
YW19489	Zenith 52	2500	2.60

NOTE: We can obtain or have duplicated for you any type of field coil. Send us the old coil with all pertinent information such as model number of set, etc.

## Apex—Gloritone—U. S. Radio and Television and Montgomery Ward



For Chassis 26. Original part. 11500 ohms tapped at 9040. Three different sized coils used. Specify types as shown below.

YW19450	2 1/2" dia., 1 1/2" deep	<b>95c</b>
YW19655	2 1/2" dia., 1 1/2" deep, 1/2" hole	
YW19656	2 1/2" dia., 1 1/2" deep, 1 1/2" hole	
Sbp. wt. 2 lbs.		<b>\$1.45</b>
Your Cost, Any Type		

## RCA Magnetic Speaker Coils



Part No. 708. Used in RCA 30, Victor Combinations, and 100 speakers. Also W.E. 540 A.W. Size 1 1/2" O.D., 1/8" thick, 1/8" hole.

YW19201	Your Cost	<b>25c</b>
YW19212	Coils for 100A, 100B and 103 speakers. 1 1/2" dia., 1/8" thick, 1/8" hole.	<b>19c</b>
Your Cost Each		

## Cement Kit

An efficient Radio Repair Cement Kit for Speaker Cones; Voice Coils, R.F. Coils and Chokes. One bottle of all purpose cement, and one bottle of thinner. Complete with brush.



YW19499	Your Cost	<b>34c</b>
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## Cone Centering Shims

Flexible celluloid shims that will last. Sixteen shims in a handy leatherette folder. Contains four each of the following sizes: .0125", .010", .0075" and .005". Takes care of all speakers.

YW19649	Your Cost	<b>36c</b>
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## Speaker Cement

For speaker cones and voice coils. Dries rapidly. To be applied with a fine brush. In sealed metal tubes.

YW18239	1 1/2" Tube	<b>5c</b>
YW18240	3/4" Tube	<b>9c</b>
Your Cost Each		

# PHONO PICK-UPS AND ACCESSORIES

## WEBSTER Pick-up High Fidelity

100 to 7000 C.P.S.



An improved model of the well known type 15 B. High fidelity response; flat from 100 to 7000 cycles. Low needle scratch. Unit is so designed that no counter balance is necessary when used on either 33 1/2 or 78 R.P.M. recordings. Finished in beautiful brown. Volume control built in. High impedance coll. Full, or loud tone needles recommended for best results. Needles easy to insert into the flat, inertia type head.

Shpg. wt. 4 lbs.  
YA147  
Your Cost Each

**\$4.95**

## Lafayette Wide-Range Pick-Up



Made especially for LAFAYETTE, by Audak, to specifications that guarantee an efficient unit. Plays records up to 12". Finely balanced so that needle pressure is exactly right. Swings across records freely. Frequency range well beyond the requirements of any available commercial records. May be obtained in 200, 500, 7500 ohms impedance, with volume control for phono mounting. Overall length 11 1/4". Finished in black enamel—bronze head. Shpg. wt. 4 lbs.  
YA119 Specify Impedance.  
Your Cost, Complete

**\$6.75**

## Lafayette Dual Speed Pick-Up



Rubber-damped, providing absolutely clear reproduction. Available in 2500 or 5000 ohms impedances. Special impedances to order at special prices on request. Specify type when ordering. Shpg. wt. 5 lbs.

YA138 Complete with volume control.

YA143 Same as above except 200 ohms impedance.

Your Cost, Either Type

**\$5.75**



## Acetate Coated Aluminum Record Blanks

These recording blanks are entirely different—they have an aluminum base and are coated with a special acetate compound. They are cut exactly the same way that celluloid is cut but will give far better results than either celluloid or aluminum blanks. The purity of the coating eliminates the scratch due to gritty surfaces. Not pre-grooved.

Stock No.	Size	Your Cost Each	Lots of Ten
YA349	8"	\$0.50	\$4.60
YA351	10"	.80	7.50
YA352	12"	1.00	9.50
YA353	16"	1.65	15.50

Your Cost

## Aluminum Record Blanks

Available in plain or pre-grooved form.

Plain		Pre-Grooved	
Stock No.	Your Cost	Stock No.	Your Cost
YA200	\$0.15	YA204	\$0.18
YA201	.22	YA205	.30
YA202	.29	YA206	.44
YA203	.50	YA207	.57

## UNIVERSAL "Silveroid" Blanks

Newly developed full frequency record blanks. Have aluminum base with special formula coating. Will make recordings comparable to commercial records. Most important, there is practically no needle scratch. Supplied un-grooved only, in 10" and 12" sizes. Will last indefinitely if properly used.

YA386—10" Blanks  
Your Cost Each **71¢**  
YA387—12" Blanks  
Your Cost Each **88¢**

## PIEZO Crystal High Fidelity Pick-Up



With this pick-up the quality of the music available is limited only by the associated equipment. The Piezo Electric Crystal is the most efficient agent known for converting mechanical motion into electrical energy. Ball bearings and extremely light weight make possible the playing of 78 R.P.M. or slow speed records without the use of additional counterbalance weights. Available with 8 or 12-inch arms. Uses 1/2 Meg. volume control. Shpg. wt. 5 lbs.

YA161—Standard 8" Arm

Your Cost **\$9.00**

YA162—Standard 12" Arm

Your Cost **\$10.50**

## UNIVERSAL Power Recorder

For cutting any type of material and recording of all audible frequencies.

Field coil energized by 6 volts. No lag in cutting; maximum brilliancy and full, clear reproduction assured. Arm is aluminum casting; all bearings adjustable pivot type. Lever adjusted spring sets needle pressure from 2 to 12 ounces 15 ohms impedance. Shpg. wt. 5 lbs.  
YN13538 List \$50.00

Your Cost **\$20.58**

16-Inch Lead Screw for above. 100 lines per inch. (Specify "inside-out" or "outside-in").  
YN13539

Your Cost **\$8.82**



## Genuine Diamond Cutting Needle



Same as those used in professional studios for recordings. Genuine diamond point. Will last a life time. Permits recording on any type of material. Only a fortunate purchase allows us to sell them at this "give away" price. Quantity is limited.

YA132—Your Cost **\$1.75**  
Each

## Genuine Sapphire Reproducing and Cutting Needles



Have genuine sapphire points. Ideal for cutting and recording on all types of discs.

YA192 For cutting and recording on blank aluminum. Your Cost **\$2.05**

YA194 For recording on pre-grooved composition and celluloid. Your Cost **\$2.45**

YA195 For reproducing standard record. Your Cost **\$1.75**

YA196 For cutting and recording on celluloid. Your Cost **\$3.75**

Acetate Needles

For playing back celluloid records. YA209—Envelope of 12 **10¢**

Your Cost

Bamboo Needles

For aluminum records. Prolong life. YA343—Envelope of 12 **10¢**

Your Cost

Steel Needles

For cutting celluloid records. YA344—Envelope of 5. **75¢**

Your Cost

YA341 For aluminum. **5¢**

Your Cost Each

## Electric-Chromatic Pick-Up

Model 2033



Ideal for use in all types of radio receivers. Fine frequency response. In 200, 500 or 7500 ohms impedance. Specify impedance desired when ordering. Shpg. wt. 5 lb. **\$7.25**

YA453—Your Cost

Model 2033

Model 433

A low priced model similar to the above. Frequency response covers wide range. In 200, 500 or 7500 ohms impedance. Specify impedance desired. Shpg. wt. 5 lbs.

YA454—Your Cost **\$5.62**

# AUDAK Pick-Ups

Model 100 Pick-Up



Designed for use where space and weight are important factors. Mounts just above turn-table shaft. It is a genuine magneto-induction type; no crystal or condenser materials used in its construction. Not affected by climate. Frequency response covers entire tone range. Shpg. wt. 1 lb.

YA458—Your Cost **\$4.45**

NOTE

We can supply any Audak equipment not listed. Prices quoted on request.

Model HR-33 Electro-Chromatic Pick-Up



A high quality wide range pick-up for use with records up to 12" in diameter. Equipped with needle ballast for compensation on low frequencies. Available in 200, 500 and 7500 ohm impedances. Specify impedance desired when ordering. Shpg. wt. 5 lbs.

YA457—Model HR-33 **\$9.85**

Your Cost

## "Professional" Pick-Up



For use in broadcast studios, theatres, etc. Finest pick-up made. Incorporates needle ballast for compensation on low frequencies. Available in 200, 500 and 7500 ohm impedances. Specify impedance desired. Shpg. wt. 6 lbs.

YA455—Your Cost **\$26.80**

Semi-Professional

Similar to above, but response not quite so extensive. In 200, 500 and 7500 ohm impedances. Specify impedance desired. Shpg. wt. 6 lbs.

YA456—Your Cost **\$11.80**

Your Cost



# RCA-Victor PHONO EQUIPMENT

## Pick-Up Head for RCA

### Model 67



Part No. 2601. Impedance of coil 48.5 ohms. Has long leads. Shpg. wt. 2 lbs.

YA178—**\$2.40**  
Your Cost

### For Victor RE-45 and RE-75

Victor Part No. 10779. Impedance 200 ohms. Has fine frequency response. Shpg. wt. 2 lbs.

YA177—**\$2.86**  
Your Cost Each

### For RE-80, RE-81 and RE-84

Part No. 6335. Impedance 7 ohms. Pin jack connections. Shpg. wt. 2 lbs.

YA391—**\$2.40**  
Your Cost Each

## RCA Victor Pick-up Coils

Stock No	RCA No.	Ohms Imp.	Models	Your Cost
YA174	2255	3300	9-25, 9-55, CD 20X	\$0.72
YA186	2314	20	9-16, 9-56, 12-15, 10-69	.65
YA175	2641	200	AZ-1604	.60
YA169	2769	20	R-86, RE-57, RE-17, T-5, RAE-26, RAE-59, RAE-79	.30
YA395	3168	12.7	RE-73, RE-16, RE-19	.30
YA396	3385	7	RE-81, RE-84, RE-80	.30
YA397	6118	48.5	RE-18A	.30
YA398	10777	200	RE-45, RE-75, E-85, E-135	.30

## Balanced Pick-Up



Used in Models R-86, RE-17, RE-57, RAE-68 and T-5 Electrola. Assembly comprises head, arm, stop rod and connecting cable. Impedance of head 20 ohms. Fine response. Finished in dull silver. Shpg. wt. 7 lbs.

YA140—**\$5.70**  
Your Cost

Head only for above. No. 7085. **\$2.40**

YA390—Your Cost

## Special Two Speed Pick-Up

Most recently developed type. Used in Model 381. Has flat response from 60 to 5000 cycles. Arm heavily counter-balanced to provide best needle pressure on both 78 and 33 R.P.M. records. Assembly comprises head with impedance of 28 ohms, arm, stop rod, escutcheon and connecting cable. Finished in dull silver. Shpg. wt. 8 lbs.



YA388—**\$5.17**  
Your Cost

Head only for above. RCA No. 6542.

YA392—**\$2.49**  
Your Cost

### NOTE

We can supply any RCA-Victor part at a discount of 40% from the list price.

## Midget Phono-Motor and Pick-up Assembly



The motor is for operation on 110 volts, 60 cycles A.C., and measures only 7" in diameter and 2 1/4" deep. Synchronous type, 78 R.P.M., but not self-starting. The pick-up unit measures only 6 1/4" from needle screw to tip of arm. Fully as efficient as larger pick-ups. Impedance of coil is 2500 ohms. Comes complete with head, arm and connecting cable.

YA355—Motor. Shpg. wt. 7 lbs. **\$4.80**  
Your Cost

YA356—Midget Pick-Up. Shpg. wt. 2 lbs. **\$3.00**  
Your Cost

## Phonograph Modernization Kit



Includes: 7 ohm pick-up, arm, 20,000 ohm volume control, input transformer. Transformer and volume control include compensation for improvement in quality on low volume. Pick-up counter-balanced type. RCA No. 11080.

YA134—List **\$13.10**  
Your Cost **\$7.86**

## Home Recording Blanks Double Faced Type

Designed primarily for experimental use, these records will afford fine recordings. Of flexible composition, double faced. To be played back with RCA-Victor Home Recording Needles or similar types.

YA381—6" Blanks. Package of Four. **67¢**

YA382—10" Blanks. Package of Two. **67¢**

YA383—12" Blanks. **67¢**

Your Cost Each

## Orthophonic Sound Box

Will improve the tone and volume of any Victrola now in use. Has a ribbed aluminum diaphragm that provides a more extensive frequency response than the old types. Universal fitting; replaces units on all Victrolas with the exception of the model 2-35 which requires a special adapter. Genuine RCA Part No. 6927, dull bronze finish. Shpg. wt. 1 lb.



YA350—**\$2.70**  
Your Cost

## Drive Spring for Victor

### Victrolas



Two types available. Part No. 8656 will fit Victor Portable and Table Models 2-65, 2-30, 1-90, 2-65, 2-60, T-90, 2-25, and 7-11 and V-30. Part No. 10148 is used in the Victor Models 4-40, 4-20, 7-10, 7-25, 7-30, 8-9, 8-36 and 8-8. Shpg. wt. 2 lbs.

YA393—Part No. 8656. **69¢**  
YA394—Part No. 10148. **69¢**  
Your Cost Each

## Phono-Matching Transformers

Part No. 6053—Used in RCA Model 67. Matches 48.5 ohm pick-up to grid of tube. Shpg. wt. 2 lbs.

YC1630—Your Cost **\$3.51**

Part No. 6226—Used in Models RE-20 and CE-29. Matches 20 ohm pick-up to grid. Shpg. wt. 2 lbs.

YC1631—Your Cost **\$1.65**

Part No. 6238—For models RE-18 and RE-18A. Matches 20 ohm pick-up to grid of tube. Shpg. wt. 2 lbs.

YC1632—Your Cost **\$1.44**

Part No. 7445—For Models PT-33 and RE-19. Matches a 12.7 ohm pick-up to grid of tube. Shpg. wt. 2 lbs.

YC1634—Your Cost **\$1.68**

Part No. 7083—For Models T-5, RE-57, RE-16, RE-16A, R-86,



RAE-68, and R-73. Matches 20 ohm pick-up to grid. Shpg. wt. 2 lbs.

YC633—Your Cost **\$3.00**

Part No. 7632—For Model 381. Also contains one reactor, two capacitors and two resistors in the container. Matches 28 ohm pick-up to grid. Shpg. wt. 3 lbs.

YC1535—Your Cost **\$3.27**

Part No. 5943—For Model R-47. Matches a 200 ohm pick-up. Shpg. wt. 3 lbs.

YC1541—Your Cost **\$3.24**

## Phonograph Oscillator



This unit, the Model RK-24 is a small broadcast band oscillator. It may be used with any standard receiver. Solves most difficult problems in phonograph modernization work. No chassis wiring changes are necessary. One tube is used; a 2A7 with sets using 2.5 volt tubes; a 6A7 with sets using 6.3 volt tubes. All parts mounted on a cadmium plated metal chassis. Shpg. wt. 6 lbs.

YK10599—RK-24 Phonograph Oscillator, less tube **\$4.65**  
Your Cost

## RCA Phono Needles

### STEEL

Available in Half Tone, Full Tone and Extra Large Tone. Half Tone needles packed 75 to envelope; others 100 to envelope. Specify type desired.

YA154—**10¢**  
Your Cost per Envelope

### CHROMIUM

Semi-permanent needles. Available for use with 78 R.P.M. recordings (green shank) and for 33 1/3 R.P.M. recordings (orange shank).

YA156—Orange (33 1/3 R.P.M.)  
YA157—Green (78 R.P.M.)  
Your Cost, Either Type **18¢**

Package of Six **18¢**

### TUNGSTONE

Also semi-permanent type. Available in Full Tone and Extra Loud Tone sizes. Packed 8 to a container.

YA157—Extra Loud Tone  
YA158—Full Tone  
Your Cost, Either Type **18¢**  
Container of 8

## Record Player Model R-93



A small electric motor and magnetic pick-up assembly housed in an attractive walnut finished cabinet measuring 10 1/2" long, 8" wide and 5" high. May be used in conjunction with any radio receiver (A.C.). Plays either 10" or 12" standard records. Motor is induction type, hand starting. Volume control is built in. Phono-radio Switch included. Shpg. wt. 10 lbs.

YA104—**\$9.90**  
Your Cost

## Two Speed Turntable



Used with models RE-81, RE-80, RE-40, 310 and 330. Part No. 8948. For other phono-motors. Ball race speed reducer. Felt top cover. Shpg. wt. 5 lbs.

YA116—**\$3.30**  
Your Cost Each

Shift Lever for above.

YA115—Your Cost Each **59¢**

## Victor Technical Purpose Records

An aid to all service engineers. Many types available in frequencies from 80 to 10,000 cycles. Also constant volume and aural test discs. If interested, write for detailed information.

Y123-12". Single face. Variable from 30 to 10,000 cycles. RCA Part No. XL101. **\$1.25**  
Your Cost

**We Will Not Knowingly Be Undersold**

# PHONO-MOTORS • Record Changers & ACCESSORIES

## PACKARD Record Changer

Sturdy construction, simple to operate. Uses powerful two speed motor that plays either 78 or 33 1/2 R.P.M. records. Plays eight 10" records automatically, repeating or rejecting any record at will. Plays 12" records manually. Last record repeats until switch is turned off. Uses new Piezo Crystal high impedance pick-up. Entire unit built of copper plated steel, with all exposed parts finished in stately bronze. Requires space 17 1/2" long, 5 1/2" high and 13 1/2" wide. For 110 volts, 60 cycles A.C. Shpg. wt. 30 lbs.



**YY19820—Your Cost \$27.81**  
**YY21050—For 110 V., A.C. or D.C. Your Cost \$32.75**

### MODEL L

Same as above, but plays both 10 and 12-inch records automatically. Available for all types of current. Shpg. wt. 32 lbs.  
**YS17754—110 V., 60 cycles, A.C. \$32.45**  
**YS17764—For 6 V., D.C. \$37.70**  
**YY21053—Universal Type, 110 V., A.C. or D.C. \$37.39**  
**YS17765—Portable Case for all types—Your Cost 4.75**

## CAPEHART Dual Speed Automatic Record Changer

### Latest Model 19-12C-2

Equipped with the new balanced electrical pick-up. Excellent device for the home, public address systems, etc. Using ten long playing Victor records you can listen to four hours of music without a stop. Completely automatic, last record repeats until re-stacked or when master switch is turned off. An encore may be had of any record. Additional equipment includes a reject device and unloading lever. Can be mounted in your own cabinet, or in our DeLuxe Cabinet, made expressly for the accommodation of this mechanism. Base, 14 1/2"x14 1/2". Height above mounting board, 7 1/2"; depth below 3 1/2". Shpg. wt. 30 lbs.



**YS17750—Mechanism complete, less cabinet. \$59.50**  
**Your Cost**

## Tru-test Scratch Filter

Eliminates needle scratch. Filters out the noise frequencies. Has tip jacks on input side, blading posts on output side. Can be used with any phono-radio. Shpg. wt. 3 lbs.  
**YA118—Your Cost \$1.75**



## Dual Speed Adapter

Can be attached to any phono-motor, in place of turntable. Lever selects either 78 or 33 1/2 R.P.M. speeds. Disc is 12" in diameter; will accommodate all records. Shpg. wt. 7 lbs.  
**YY18993—Your Cost \$3.53**



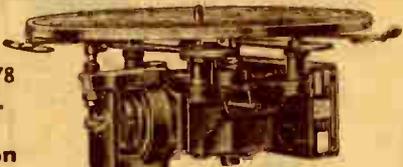
## Stroboscope

Calibrated for 33 1/2 and 78 R. P. M. and for 25-50 and 60 cycles. Dia. 6". With full instructions.  
**YA197—Your Cost \$15**



## GREEN FLYER Governor Controlled

Two Speed Motor  
 33 1/2 or 78 R. P. M.  
 for A.C. or D.C. Operation



May be adjusted for either 78 or 33 1/2 R.P.M. records. Gears are completely enclosed and run in oil. Silent laminated bakelite spiral cut gears. Oversized, self-lubricated bearings. Will not overheat in closed cabinet. 10" turntable. Has dial and pointer. Hardware bronze finished. Automatic stop available at slight extra cost. Shpg. wt. 15 lbs.  
**YA100—Two Speed 110 Volt, 50-60 cycle A.C. \$9.41**  
**Your Cost**  
**YA102—Single Speed 78 R.P.M. Motor. \$7.35**  
**Your Cost**  
**YA101—Single Speed. For 110 Volt, D.C. Your Cost \$7.35**

### Special 6 Volt Motors

Same quality as above, but for 6 Volt operation. Especially designed for sound truck installations. Will stand hard usage without giving trouble. Complete with 10" turntable. Shpg. wt. 15 lbs.  
**YA127—Two Speed. \$13.82**  
**Your Cost**  
**YA128—Single Speed, 78 R.P.M., 6 Volt operation. \$12.35**  
**Your Cost**

### Special Recording Motor, Dual Speed

Similar specifications to Model YA100 but field and rotor are 1/2" longer and motor is much more powerful. Special Green Flyer governor keeps speed constant under varying load conditions. Complete with 12" turntable. Shpg. wt. 15 lbs.  
**YA120—For 105-120 Volts, 50-60 Cycle A.C. \$10.44**  
**Your Cost**

### Universal A.C.-D.C. Motor

Operates equally well on 110 Volts A.C. or D.C. Silent in operation, with unvarying speed. Complete with 10" turntable and automatic stop. All metal parts rust proofed. For 78 R.P.M. records only. Shpg. wt. 11 lbs.  
**YA126—Your Cost \$11.47**  
 Add 30c to any of above prices if a 12" turntable is desired.  
 Motors for other voltages supplied at an additional 95c.

## New Lightweight 110 V. 60 Cycle Phono Motor



Extremely light and compact induction type phonograph motor. Self-starting, employing repulsion principle with centrifugal switch for start. Gear housing and brackets made from cast aluminum. Oil cup mounted on main bearing and easily accessible. Ruggedly made and exceptionally powerful motor. Supplied complete with 12" turntable. Shpg. wt. 6 lbs.  
**YA166—Motor & Turntable \$5.95**  
**Your Cost**

## Automatic Stop

Fully adjustable. Mounts under any turntable. Heavy duty type, will last indefinitely.  
**YA135—Your Cost \$60**



## Needle Cups

For phono or phono-radio combinations. Also good for replacing old tarnished cups. Bronze finish. Dia. 1 1/4".  
**A130—Open Type \$5**  
**Each 50c**  
**A131—Closed Type \$7**  
**Each 75c**  
**Per Dozen**



## Lafayette 2-Speed Electric Portable

Finest portable outfit obtainable. Uses genuine 2-speed Green Flyer motor. Either 78 or 33 1/2 R.P.M. speeds selected by a shift lever. Includes New Webster High-Fidelity (hi-impedance) pick-up, with built-in volume control. Sturdily built Fabricoid case. Size 17 1/2 x 13 1/2 x 8". Shpg. wt. 25 lbs.



**YY22031—110 V., 60 cycles, A.C. \$23.95**  
**Your Cost**  
**YY22013—Same as above, but with Piezo Crystal Pick-Up. Provides exceptionally fine reproduction. \$25.95**  
**Your Cost**  
**YY21057—With 2-speed 6 V. D.C. motor and crystal Pick-up. \$28.95**  
**Your Cost**



## Compact Portable with RCA Pick-up and Motor

Smallest and most efficient compact portable yet devised. Contains a genuine RCA synchronous phono motor, for 110 V., 60 cycles, A.C. operation, which will maintain a constant speed of 78 R.P.M. Also includes the new RCA lightweight pick-up which affords good quality reproduction, and volume control conveniently located. Mounted in an attractive brown leatherette finish case measuring 10 1/2 x 8 x 4 1/2". Will play records as large as 12". Weighs slightly less than 7 lbs. Ideal for attaching to radio receivers for phono reproduction, and for portable and mobile P.A. installations. Shpg. wt. 10 lbs.  
**YY21054—Your Cost \$9.45**

# Hey Fellers!!

## MEET THE GANG AT WHOLESALE TWO DOZEN LADS TRUE AND STRONG

THE quality of an organization's personnel is indicative of the quality of its service. At Wholesale Radio Service Company, 24 experienced amateur radio operators comprise that section of our organization known as the Amateur Radio Division. It is a body of men such as this which, standing behind the scenes, enables amateurs everywhere to obtain real service—guaranteed material—and helpful advice whenever they call upon us.

FRANK LESTER,  
W2AMJ\*



Maurice G. Suffern, W2NO\*\*

W4 DHX  
LJ CONNELLY

W2 FB  
P. DAGGIT

W2 EXD  
ED GRABLEWSKY

W2 DHW  
SAM FEIN

W2 DD1  
GEO KENTER

W2 BJU  
ART HERTZBERG

W2 CF  
R NEUSCH

W5 AT  
SID SHORE

W2 HND  
FHSKROTZKI

W2 AYB  
FRANK ZUBECK

W2 DNG  
N. GRIEVESON

W2 AJL  
H. YELLIN

W2 AGO  
J. DE LEON

W2 COL  
N. MANICARDI

W2 HMM  
C. WYETH

W2 ETQ  
W. SINKANKAS

W4 CDH  
H. STEPHENS

W2 CEC  
E. WBARROW

W2 EYW  
AL RAUCH

W2 DEE  
AL TATKA

W2 DGC  
DON TARDITI

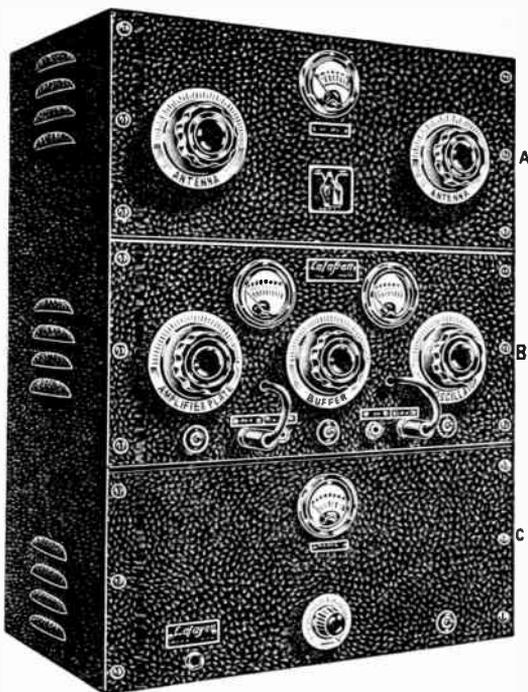
\*\*Lawyer, Radio Consultant, Sales Manager. Formerly member Radio Engineering Staff of the City of New York, and Ship's Radio Officer with Tropical Radio Telegraph Co.

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of new "Ham" Catalog

\*Chief Engineer Transmitting Division—Lafayette Mfg. Co., Inventor of the "Les-Tet" harmonic oscillator. Author of many technical articles for amateur radio magazines.

WRITE FOR FREE COPY OF COMPLETE "HAM" CATALOG

# Lafayette 30 Watt C.W. and PHONE TRANSMITTER



## A "Professional" Rig for the "Ham"

For the amateur demanding a moderate powered transmitter at a reasonable price, Lafayette engineers have developed this new 30 watt PB46A Transmitter. This unit incorporates the well known "Les-Tet" harmonic oscillator as the exciter; it uses a circuit employing a type 56 and a 53, and has proven entirely satisfactory with regard to cost of operation, power output, etc. Exhaustive laboratory tests, covering voltage and current measurements, air tests and life tests have more than justified every claim made.

## Conservatively Rated Output

The Lafayette PB46A Transmitter has a conservatively rated output of 30 watts. The laboratory has actually put 45 watts into a 100 ohm non-inductive dummy antenna on the 160, 80 and 40 meter bands. On the 20 meter band the output dropped to 37 watts. These measurements were taken with an input of 60 watts into the 46s. For phone use a modulator consisting of a four stage amplifier is employed, and is designed to be used with a crystal microphone requiring no additional pre-amplifier. It has a frequency response plus or minus 1 1/2 db. from 60 to 17,000 cycles.

## Separate Self-Contained Power Supplies

Separate self-contained power supplies are contained in each unit. The power supply for the R.F. unit uses an 83 tube and a single choke—dual condenser filter and furnishes a maximum of 600 volts. The modulator built-in power supply is especially designed for good regulation under varying load prevailing in Class "B" circuits. It also uses a 83 mercury vapor rectifier.

## Antenna Coupling Unit

The PB46A Transmitter includes an antenna coupling or tuning unit with two variable condensers, a series-parallel change-over switch, with a neutral position, and a Triplett thermo-couple ammeter having an accuracy of 2%. The series-parallel switch connects each condenser in series with a feeder or one condenser in parallel with the antenna coupling coil. Neutral position permits tuning of final amplifier for minimum plate current with antenna load disconnected.

## Can Be Purchased One Unit at a Time

Each unit comprising the Model PB46A Transmitter may be purchased separately. In this manner, the amateur is enabled to "go on the air" immediately by purchasing the R.F. unit alone (it contains its own power supply). Naturally, he can only transmit C.W. signals with this equipment, but it is a simple matter, at some later date, to add the modulator unit to form a highly efficient C.W. and Phone transmitter. For still better results, the antenna coupling unit may then be added.

## New Cabinet Racks

All units are mounted on standard 19" rack panels in black crystalline lacquer. Chassis are of bright cadmium plated steel. Standard racks for floor or table mounting are available. A special enclosed type cabinet rack has been developed which is equipped with a rear door for access to the tubes, coils, etc. Louvers are provided for ventilation. The amateur will find these cabinet racks very satisfactory; "professional" in appearance. They are available in one, two and three unit size.

## Finest Quality Components

While it is true that appearance was considered to be of importance in the design of this transmitter, the most important consideration, namely the inherent quality of the components, was kept foremost. That is why you will find such fine quality parts as Hammarlund variable condensers, Cornell Dubilier fixed condensers, Triplett bakelite cased meters, etc., in this new Transmitter. The workmanship is of the finest and each individual transmitter is carefully checked for output on both dummy and regular antennas, for modulation on an oscillograph and an audio oscillator, and for performance by actually putting it on the air.

There is no guess work when you purchase a Lafayette Transmitter—every bug has been taken out of it. Full instructions are supplied with each unit so that within only a few minutes after uncrating it and making a few tuning adjustments you are on the air with a sharp, crystal-controlled C.W. signal that cuts through QRM like a knife, or a phone signal modulated 100% with tone quality that would do justice to the finest broadcast transmitter. Each of the three units comprising the Lafayette PB46A Transmitter are described below.

## Model PB46A Phone Transmitter

Illustrated to the left is the complete Lafayette PB46A Transmitter consisting of the 46A Antenna Coupling Unit (1), the P46 R.F. Transmitter Unit (2), and the B46 Speech Amplifier Modulator Unit (3). Housed in a three deck Metal Cabinet Rack, with one set of coils for 160, 80, 40 or 20 meter bands. (Specify band desired). Crystal, tubes, microphone and key extra. 19x26 1/2 x 13". Shpg. wt. 125 lbs.

**Model PB46A—Radiophone Transmitter as described above.**  
**Your Cost \$116.50**  
**YN13969—Extra set of coils for 160, 80, 40 or 20 meter bands. \$3.50**  
**Your Cost, Per Set**  
**Complete Kit of tubes 6.00**

## Model PB46 Radiophone

Consists of the P46 R.F. Unit (2) and B46 Modulator Unit (3) in two deck Cabinet Rack. Same as PB46A but without the antenna coupling unit (1). With one set of coils for 160, 80, 40 or 20 meter bands. Specify band desired. Crystal, tubes, microphone and key extra. Dimensions 19x17 1/2 x 13". Shpg. wt. 105 lbs.

**Model PB46 30 Watt Lafayette Radiophone as described above.**  
**Your Cost \$94.50**  
**YN13969—Extra set of coils for 160, 80, 40 or 20 meter bands. \$3.50**  
**Your Cost, Per Set**  
**Complete Kit of tubes 6.00**

## Lafayette P46 C. W. Transmitter

The model P46 30 Watt Crystal-Controlled C.W. Transmitter uses the "Les-Tet" harmonic oscillator (using a 56 as oscillator and a 53 as doubler or neutralized buffer stage) to excite a Class "C" stage with two 46's in parallel. These 46's are entirely isolated (by efficient shielding) from the buffer stage. The oscillator, buffer and amplifier tuning condensers, 0-25 Mil. amplifier grid or oscillator plate current meter and 0-150 Mil. buffer or amplifier plate current meter are mounted on the panel. The P46 is supplied less cabinet but with a complete set of coils for either 160, 80, 40, or 20 meter bands. State band when ordering. Panel dimensions 19x8 3/4" high. Dimensions of chassis: 17x11".

**Model P46—Lafayette C.W. 30 Watt Transmitter complete with one set of coils, less cabinet, tubes and crystal. Shpg. wt. 38 lbs.**  
**Your Cost \$49.50**  
**YN13969—Single Unit Cabinet for above. \$4.50**

**YN13969—Extra coils for 160, 80, 40, or 20 meter bands per set. \$3.50**  
**Kit of tubes for the above. \$2.80**  
**Y13988—Mounted 160 or 80 Meter, X-cut Crystal. \$3.50**  
**YN13563—Mounted 160 or 80 Meter, AT-cut Crystal. \$5.50**  
**YN13989—Mounted 40 Meter, X-cut Crystal. \$4.50**  
**YN13564—Mounted 40 Meter, AT-cut Crystal. \$9.25**

## Lafayette B46 Modulator

Designed especially for use with the P46 transmitter described above. Modulator uses four stages consisting of: a 57 pentode resistance coupled to a 56 triode followed by a 46 in Class "A" driving a pair of 46's in Class "B". Power output is 30 watts. Frequency response within plus of minus 1 1/2 db. from 60 to 17,000 c.p.s. Overall gain of 110 db.; ample for crystal microphone. Has special modulation transformer with output impedances of 4000, 6000, 8000 and 10,000 ohms and is designed to carry Class "C" plate current. The power supply is built into the unit; has excellent regulation characteristics—uses an 83 rectifier. A gain control and the 0-200 mil. meter (modulation indicator) are mounted on the front panel. Panel, of steel with bright cadmium plated finish, is standard 19" wide and is 8 3/4" high. Chassis measures 17x11x2 1/2". Shpg. wt. 40 lbs.

**Model B46—Modulator, less tubes and cabinet. \$39.50**  
**Your Cost**  
**Complete Kit of tubes for above. \$3.15**  
**Y13989—Steel Cabinet for above Single Deck. \$4.50**  
**Y13989—Steel Cabinet Two Decks. \$7.90**  
**Y13989—Steel Cabinet Three Decks. \$8.25**

## Lafayette 46A Antenna Coupler

Same as used with Complete PB46A, permits accurate tuning of antenna feeders. Natural position of series—parallel switch, tunes final amplifier for minimum plate current with antenna load disconnected. Standard rack panel—no cabinet. Shpg. wt. 10 lbs. **Your Cost \$19.95**

# Lafayette HAM EQUIPMENT

## "Les-tet" Junior X'mitter Kit



An efficient low power X-mitter which makes use of a 56 and a 59 in a specially designed circuit. It is crystal controlled, yet it is possible to use a 160 meter crystal on 40 meters with an output of from 2 to 3 watts (5 to 7 watts with same crystal on 80 meters; 7 to 10 watts on crystal frequency). Neutralization required only on crystal frequency. Jacks provided for connecting meter in oscillator plate or buffer cathode. Power supply is required which will deliver 600 volts at approximately 75 M.A. Pull instructions furnished.

**Y Y22073**—"Les-tet" Junior X'mitter Kit with one set of coils (specify 160, 80, 40 or 20 meters), less tubes and less crystal. **\$9.95**  
 Shpg. wt. 8 lbs.  
**Your Cost**.....

Kit of Tubes for above 1-56, 1-59. **Your Cost**..... **\$1.13**  
**Y Y22074**—Extra Set of Coils. Specify crystal and output frequencies. 160, 80, 40 or 20 meters. **Your Cost per Set**..... **\$1.75**  
**Y Y22072**—Metal Cabinet for above..... **1.25**  
**Y Y21941**—Power Supply Kit. Output 600 volts at 75 M.A. Less tube. Shpg. wt. 15 lbs. **Your Cost**..... **\$7.95**  
 Type 83 Tube for above Power Supply..... **.52**

## The "TROPHY WINNER" 3 S.W. KIT 3 Tube—A.C. For the D. X. Fan



A complete, easy to assemble kit for operation on 110 volts, 60 cycles, A.C. Uses 3 tubes (not including rectifier): a 58 in a stage of R.F. amplification; a 57 regenerative super-sensitive pentode detector; a 2A5 pentode power amplifier. Output approximately 3 watts. Panel and chassis of heavy gauge steel with black crackle lacquer finish. Special 3-winding coil used to couple R.F. and Detector stages. Regeneration is smooth, and tuning is accomplished by vernier dial having a fairly high reduction ratio. Circuit permits use of "band spread" or standard circuit. Power Supply Kit includes all necessary parts—transformers, filter condensers—chokes—cables, etc. Shpg. wt. of Receiver Kit 5 lbs.; Power Pack Kit 8 lbs.

**Y N13905**—"TROPHY 3" 3-tube A.C. kit of parts, with wiring diagram and complete instructions for assembly. **Your Cost** for kit, less coils, tubes and power supply..... **\$9.75**  
**Y N13906**—Power supply kit less tube. **Your Cost**..... **\$4.95**  
**Y N13907**—Special coils covering from 6 to 200 meters. **Your Cost per Set**..... **\$1.75**  
 Kit of matched tubes for receiver and power supply..... **\$1.97**  
**Y N13985**—Complete kit of parts with coils, power supply kit and tubes. **Your Cost**..... **\$17.25**  
 Set wired in our laboratory..... **\$2.50 additional**

## The "Band Spread" Portable



A combined short wave receiver and monitor. Everything—receiver, batteries and coils housed inside the steel case. Two type 30 tubes are used as detector and audio amplifier. Regeneration is smooth and noiseless. Special "band spread" coils used are for the following amateur bands: 20, 40, 80 and 160 meters; for the following broadcast bands: 19, 25, 31 and 49 meters. In portable steel carrying case, size 8 1/4 x 6 1/2 x 5 1/4". Shpg. wt. 12 lbs. Complete Kit of parts, less tubes, coils and batteries. **Y N13960**—**Your Cost**..... **\$7.95**  
**Y N13962**—One Burgess 5308 "B" and one 2370 "A" batteries. **Your Cost**..... **\$1.18**  
**Y N13961**—Set of tubes (2-30's). **Your Cost**..... **80c**  
**Y N13963**—Four Special Coils, Broadcast Bands. **Your Cost**..... **\$2.10**  
**Y N13964**—Four Special Coils, Ham Bands. **Your Cost, per Set of Four (Either Type)**..... **\$1.95 additional**  
 Set wired in our laboratory.....

## Lafayette

### 100 Watt Transmitter Uses "Les-Tet" Exciter Unit Uses "Suppressor Grid" Modulation

In addition to being the greatest dollar value in initial cost, this transmitter is also extremely economical to operate. It features 100% modulation with minimum of modulator equipment—it uses the new "Les-Tet" exciter or harmonic oscillator, employs a universal antenna impedance matching unit. The entire unit is contained in a single rack; just plug into any 110 volt, 60 cycle source, connect key, mike and antenna, and a powerful transmitter is on the air. "Broadcast" quality, **140 Watts on C.W. and 35 Watts on "Phone"**. Complete control permitted by liberal use of meters which are permanently connected in required circuits. Comes complete with one set of coils (specify 80, 40 or 20 meter bands). Extra coils available. Crystal not included. Rack 16 1/4" deep, 19 1/4" wide and 72" high. Shpg. wt. 375 lbs.

**Y N13992**—Lafayette 100 Watt Transmitter complete with one set of coils, but less, crystal, key, mike and tubes. **\$195.00**  
**Your Cost**.....  
 Kit of Tubes: 2—RK20, 1—56, 1—53, 1—57, 1—6B5, 4—83's, 1—5Z3. **Your Cost**..... **\$35.25**  
**Y N13993**—Extra Coils. Specify 80, 40 or 20 meter. **Your Cost**..... **\$4.25**  
**Coils for 160 Meter Operation on Special Order Only**  
**Y N13989**—40 meter X-Cut Mounted Crystal. **Your Cost**..... **\$4.50**  
**Y N13999**—40 meter X-Cut Mounted Crystal. **Your Cost**..... **\$5.50**  
**Y N13363**—Crystal Microphone. Shpg. wt. 2 lbs. **Your Cost**..... **\$13.23**

#### (A) Antenna Coupling Unit

Permits accurate impedance match so that maximum transfer of power is realized. Rack panel, 19x8 1/4". Shpg. wt. 10 lbs.

**Y Q15990**—**\$29.75**  
**Your Cost**.....

#### (B) P.P. RK20 Amplifier

Change-over switch for C.W. or 'Phone. Meters accurate to within 2% provided for grid, plate and screen measurements. Isolantite sockets and Cardwell condensers. Panel 19x14". Shpg. wt. 25 lbs.

**Y P15921**—Amplifier with 1 Set of Coils (80, 40 or 20 meters). Specify band desired. **Your Cost**..... **\$39.50**

Extra Set of Coils. Specify band desired. **Your Cost**..... **\$3.00**

#### (C) Exciter Unit

New "Les-Tet" unit using a 56-53 combination that serves both as crystal oscillator and buffer or doubler. Between 7 and 10 Watts output. Plug-in coils for 80, 40 or 20 meter bands. Rack panel 19x8 1/4". Shpg. wt. 20 lbs.

**Y N13994**—Exciter Unit with one set of Coils (specify band desired), less crystal. **Your Cost**..... **\$29.75**

Extra coils, per set. **Y N13850**—**Your Cost**..... **\$1.75**

#### (D) Modulator Unit

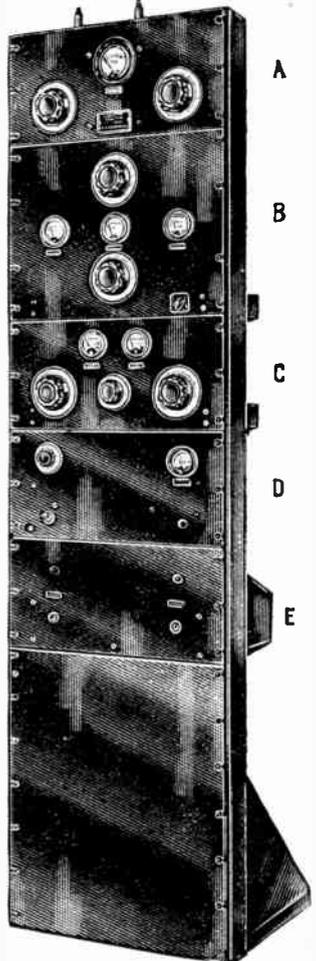
Provides 100% modulation. Excellent frequency response. Particularly designed for use with crystal mike. Uses a 57, 6B5 and 5Z3 rectifier. Output transformer for use with RK20 suppressors. Meter for modulation indicator. Rack panel 19x8 1/4". Shpg. wt. 25 lbs.

**Y N13995**—Modulator, less tubes. **Your Cost**..... **\$24.75**

#### (E) Power Supply

Uses 4 type 83 rectifiers in a bridge circuit. Separate filament transformer. Separate switch and pilot light for plate and filament transformer primaries. No electrolytic condensers used. Bleeders provided. Shpg. wt. 60 lbs.

**Y N13996**—Power Supply, less tubes. **Your Cost**..... **\$54.50**



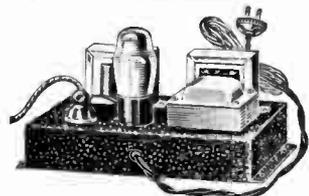
All panel units in a sturdy metal rack make up the Lafayette 100 Watt Transmitter.

# Lafayette HIGH FREQUENCY Apparatus



## A 2½ or 5 Meter Super-Regenerative Receiver

- \* Highly Sensitive—Low Hiss
- \* Electron-Coupled Detector
- \* A.C. or Battery Operation



tuning coil. For five meter work the coil consists of 7 turns of No. 12 bare copper wire (tinned bus bar is excellent) wound around a ½" form, and slipped off. Spacing between turns should be about ¼". The cathode tap is two to four turns from the grounded end depending upon the particular tube used. The antenna tap is a matter of experiment, but as a starter it should be made to the cathode connection of the coil. For two and a half meters the coil consists of four turns of No. 12 wire wound in the same manner as the larger coil.

### CHOICE OF TUBES

The detector may be either a 56 or 76, the audio amplifier a 2A5 or a 42. The 76-42 combination is recommended since the heaters work on 6.3 volts and the finished receiver may be used with only a slight change on either A.C. or on batteries for mobile operation. It is a good idea to try

more than one detector tube of the same number. Some tubes are noticeably better super-regenerators than others and give much better results. Different leaks should also be tried.

In operation, this receiver will produce a strong hiss which will drop in intensity considerably or disappear entirely when a station is tuned in. The .005 mf. fixed condenser between the plate of the output tube and ground will help to reduce the noise. Because of the complete shielding, this receiver lends itself nicely to duplex operation. Almost any kind of antenna will work, although the best results will be obtained with a half-wave vertical antenna as high and clear as possible.

Parts for this receiver are supplied in Kit form, which includes black lacquered cabinet, 83/8x61/8x51/8", with handle.

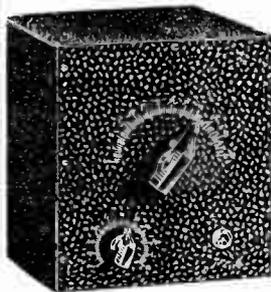
**YY21946**—Complete Kit of Parts including Case and Chassis, less Power Supply, Tubes and Speaker. Detailed instructions included. Shpg. wt. 20 lbs.

**Your Cost**..... **\$7.95**  
Completely wired for 5 meter operation (extra)..... \$1.25

**YY21947**—Power Supply Kit (for use with 6.3 volt tubes) less tube. Measures 6x10 1/4 x 1 3/4". Shpg. wt. 10 lbs.

**Your Cost**..... **\$5.25**  
Completely wired for use (extra)..... \$1.25

## A "Mobile" 5 Meter Transmitter



- \* 100% Modulation
- \* 5 to 7 Watts Output
- \* Class "A" Amplification
- \* Can be Operated on 110 Volts A.C.
- \* Uses New 6E6 Twin Triode as P.P. Oscillator

Designed to meet the demand for a fairly powerful high frequency transmitter that will operate from a 6 volt automobile battery, this new Lafayette "Mobile" 5 meter transmitter incorporates many new and desirable features.

The circuit has been designed using the new type 6E6 Twin Triode as a unity coupled Push-Pull oscillator modulated by a single 42 tube; a type 76 is used as the speech amplifier. Due to the use of the 6E6, "drifting" has been reduced to a minimum and the plate efficiency greatly increased. Thus, a high percentage of modulation has been made possible using only one 42 as a modulator. The power output that can be obtained from this transmitter depends upon the power supply with which it is used. In the laboratory, using a standard Gen-E-Motor 300 volt, 100 milliamperes generator (6 volt input), a full 7 watts was realized into a 500 ohm load. This amount of power is more than ample for the average "portable" high frequency station.

### Low Current Drain

Due to the use of Class "A" amplification, the current drain is practically constant at all times, so that any converter will operate with 100% efficiency. This feature also eliminates the need for any special and expensive equipment (such as that necessary when class "B" amplification is employed).

### Plug-in Type Tank Coil

Other circuit features include the use of a Mycalex socket for the 6E6 tube as well as for the base of the tank coil. Provisions for single or double button carbon microphone (200 ohms per button); jack for mike on rear of chassis. Tank coil is of the plug-in type so that changes for any future developments (possible 2½ or 10 meter operation) may be easily made.

### Simple to Operate

Operation consists of tuning by means of the large indicator knob and calibrated scale on front panel, and adjusting volume with the noiseless gain control which is also operated by an indicator knob and calibrated scale. A jeweled pilot light is used to show when transmitter is turned on.

Entire unit is mounted on a steel chassis and housed in a completely closed cabinet. Finished in black crystalline lacquer. Overall size 8 1/2 x 1 1/2 x 7". Instructions included. Shpg. wt. 15 lbs.

**YY21940**—Lafayette "Mobile" 5 Meter Transmitter, complete in cabinet, less tubes and power supply **\$18.50**

**Your Cost**.....  
**YN14211**—Gen-E-Motor converter for above. Delivers 300 volts at 100 M.A. from 6 volt source. Shpg. wt. 11 lbs. **\$19.98**

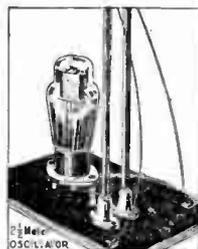
**Your Cost**.....  
Set of matched tubes: 1-6E6, 1-42, 1-76..... \$1.98

Don't fail to write for a FREE copy of the new 1936 "Ham" catalog to be released shortly. It will contain a complete listing of Amateur equipment at lowest prices.

## 2½ and 5 Meter Resonant Line Transmitters

- \* Highly Efficient
- \* Simple to Construct
- \* Easy to Tune

The mechanical dimensions of tuning coils of conventional shape become so small on 5 and 2½ meters that it has been found advantageous in many cases to dispense with "coils" altogether, and to depend on the distributed capacity and inductance of rigid metal conductors. Oscillators of this type are commonly called "long lines" or "linear" and actually should be called



Resonant Line. A transmitter of this type is especially well suited for use on 2½ meters. The tube may be practically any triode: 45, 10, 801, etc. The rods connected to the grid and plate are approximately a half wave length long (46 to 48" for 2½ meters).

The actual wave length of oscillation depends on the length of the rods and the internal capacity of the tube. The grid and plate returns are connected through small R.F. chokes at the nodal points on the conductors which are each a half wave length long on 2.5 meters. The single tube circuit is not recommended on 5 meters because of the length of the rods which would have to be approximately 8 feet at this frequency.

It is necessary with a system of this kind to isolate the filament of the tube as far as the R.F. is concerned. This requires the use of series chokes in the filament circuit. Since the chokes must carry the full filament current they must be of heavy wire. Twenty-five turns of No. 14 wire spaced wound on a ½-inch diameter form should be sufficient. These chokes should be kept at right angles to the rods.

The antenna feeders are connected through a pair of fixed mica condensers to the plate rod, one each side of the nodal point. The clips are moved up and down until the desired degree of coupling is obtained. Untuned feeder lines may be connected in the same way by adjusting for the required impedance match.

A plate milliammeter is absolutely necessary if correct tuning is to be accomplished. It will indicate minimum current (with antenna feeders disconnected) when grid and plate shorting bars are correctly adjusted for oscillation. With the circuit oscillating properly, the feeders are then connected and gradually slid down the plate bars toward the plate end of the rods until correct current is being drawn from the tubes. A simple push-pull version of the Resonant Line oscillator is also available. The tubes, here again, may be triodes.

### 2.5 Meter Oscillator Kit

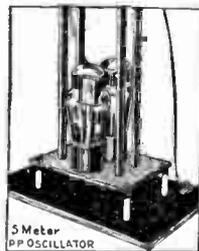
**YY21948**—Complete Kit of Parts for single tube oscillator including: 2 copper rods; 2 stand-off insulators; 1 ceramic socket; 2 R.F. chokes; 1 adjustable leak; 1 C.T. filament resistor; 2 fixed condensers; 5 Fahnestock clips; 10 feet No. 14 enameled wire. Shpg. wt. 10 lbs. **\$3.69**

**Your Cost**.....

### 5 Meter P.P. Oscillator Kit

**YY21949**—Complete Kit including: 1 special "LDS" Mycalex twin socket; 4 copper rods; 2 R.F. chokes; 1 adjustable leak; 6 sliders; 2 fixed condensers; 5 Fahnestock clips. Shpg. wt. 14 lbs. **\$6.95**

**Your Cost**.....

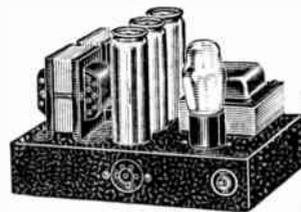
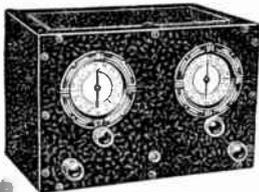


# Lafayette 5 METER SUPERHETERODYNE RECEIVERS.

## A 5 Meter Superheterodyne Receiver Kit

### Cabinet and Rack Panel Models

- ★ No Super-regenerative Rush
- ★ Increased Sensitivity
- ★ Improved Selectivity



A superheterodyne for 5 meter reception which the "ham" can build without much difficulty, and which will give superior results as far as sensitivity, selectivity and noise level are concerned. The absence of "rush", that noise characteristic of super-regenerative receivers, will especially appeal to amateurs accustomed to sets of the latter type.

Six tubes, exclusive of the power rectifier, are used in a circuit which comprises: a stage of tuned R.F., a tuned autodyne detector, two stages of resistance-capacity coupled I. F., second detector and semi-AVC tube, and a power pentode output stage capable of working a dynamic loud speaker. The entire unit can be built onto a compact, copperplated chassis measuring only 11x7½x2¼".

#### Circuit Data

To simplify the arrangement of the parts and to eliminate trimming and aligning difficulties, separate controls are provided for the R. F. and Detector stages. While the R. F. stage admittedly does not provide a great deal of amplification, it does improve the signal to noise ratio and, more important, it eliminates receiver re-radiation and dead spots in the detector tuning due to antenna absorption.

The first detector works on the autodyne principle, the grid circuit being detuned slightly from the signal frequency so that a comparatively low frequency beat develops. This simple method of obtaining heterodyne action is quite practicable on the ultra-high frequencies.

Feed back between the grid and plate of the first detector is obtained by the use of a small R. F. choke in the cathode circuit—a form of electron coupling. This choke is common to both the grid and the plate, therefore oscillation is maintained at a steady rate. The grid condenser-leak combination and the screen and plate voltages are adjusted to give smooth feed-back but not super-regeneration.

The use of resistance-capacity coupled I. F. greatly simplifies the construction of the receiver. There are no magnetic fields or interaction effects and shielding is therefore minimized. The grid coupling condensers are of such low value, comparatively, that the I. F. system does not amplify stray audio impulses. The I. F. circuit responds to frequencies from about 15 kilocycles to about 100 kilocycles.

#### Unique Second Detector

A type 41 tube, with screen and grid tied together to form a high Mu triode, is used as the second detector. Part of the rectified grid current is taken off the grid leak and returned to the grids of the I. F. tubes to give

AVC action and to prevent overloading on extremely strong signals. The second detector is resistance capacity coupled to a 42 pentode with the grid leak potentiometer of the latter acting as the volume control.

#### Coil Data

The coils for five meter operation consist of eight turns of No. 14 wire, ½ inch diameter form, spaced about ¼ inch, and are self-supporting. Plug-in coils are supplied with the Kit. Various methods of coupling the antenna to the receiver can be tried. If a two-wire feeder system is used, it can be connected directly to the antenna coupling coil, or one feeder can be grounded and the other run up a turn or two on the R.F. grid coil. Single wire lines should be connected to the grid of the R.F. tube through a 10 to 30 mmfd. trimmer condenser.

#### A. C. or 6 Volt D. C. Operation

If the 6.3 volt tubes are used, (6D6 for R.F., 6C6 first detector, 6D6 for I.F., 41 second detector, 42 output) the receiver can be used interchangeably on A. C. or storage battery. The 2.5 volt series will also serve well for fixed service if the amateur owns a suitable power supply. The power supply should be well filtered.

Credit for the original design of this receiver belongs to Frank C. Jones of "Radio". Lafayette engineers have made several changes in design to greatly simplify construction.

**Y Y 22098**—Complete Kit of Parts for the Receiver, including Cabinet and special copper-plated Chassis, but less power supply, tubes and speaker. Shpg. wt. 25 lbs. **\$18.25**

**Your Cost**.....  
**Y Y 21938**—Same as above, but with panel for standard Rack Mounting. Shpg. wt. 25 lbs. **\$20.50**

**Your Cost**.....  
Either of above kits wired and tested..... **\$4.00 additional**

**Y Y 21942**—Complete Power Pack Kit, less tube. Shpg. wt. 10 lbs. **\$8.25**

**Your Cost**.....  
**Y Y 21939**—Same as above, but with panel for standard Rack Mounting. Shpg. wt. 10 lbs. **\$9.75**

**Your Cost**.....  
Either of above kits wired and tested..... **\$1.25 additional**

Kit of Matched tubes. 1-6C6, 3-6D6, 1-41, 1-42..... **\$3.20**

## The Above Receiver Available Using The New Pentode 954 Acorn Tubes in The R. F. and Autodyne Detector Stages

- ★ Reduced Thermal Noises—Low Noise Level—Increased Sensitivity ★

Lafayette engineers have made available a 5 meter superheterodyne essentially the same as the one described above, but employing the newly released Acorn Pentode type 954 tubes in the R.F. and autodyne detector stages. Since the type 854 tubes were especially designed for use on ultra-high frequencies, they make possible several advantages not attainable with any other type of receiving tube.

#### Circuit Data

The circuit consists of a 954 Acorn Pentode in a tuned R.F. stage followed by a 954 Acorn Pentode as a tuned autodyne detector. Two 6D6 I.F., a 41 second detector and semi-AVC tube and a 42 output tube (same as in receiver above) complete the circuit. Due to the internal construction of the tubes, the 954's cause very little noise due to Thermal agitation. This feature results in an overall noise level which is practically negligible. In addition, both gain and sensitivity characteristics are superior to those afforded by other high frequency circuits.

#### Loud Speaker Reception

Ample gain is provided for the reception of all but the weakest signals on loud speaker. An output choke and condenser are included in the chassis so that high impedance phones or magnetic speaker can be directly connected. Any dynamic speaker furnishing its own field supply and which is equipped with the proper input transformer can also be used with excellent results.

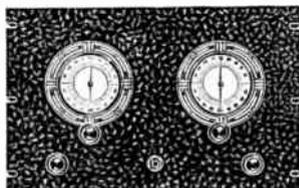
#### Construction Details

The entire receiver is housed in a black crystalline finished metal cabinet

which presents a "professional" appearance. All component parts are mounted on a special copper plated chassis. The Acorn tube sockets are of genuine Mycalex (has lowest dielectric constant obtainable). The tank coil is of the plug-in type and has base of Mycalex (the coil is of the plug-in type so that future developments in the 10 and possibly 2½ meter bands will require a minimum of circuit changes). The dials employed are of a new type which are absolutely noiseless in operation; high reduction ratio is also provided. Complete tuning control obtained by means of the detector and oscillator dials, a noiseless A.F. gain control and a sensitivity control. Models for standard 19" rack panel mounting available. A completely assembled power supply, using an 80 rectifier tube, is also available in either standard or rack panel form. (Overall size of Receiver 12x8x8"; Shpg. wt. 16 lbs.)

#### Specially Designed Power Supply

A special power supply, designed for this particular receiver, is available in rack panel mounting style. Parts used in its construction are of the highest quality, insuring long and trouble free life. Heavy duty chokes and high voltage filter condensers (a wet electrolytic in the first filter section) provide absolutely humless output. Voltage regulation, due to the use of a well designed power transformer, is excellent. Power transformer is static shielded between primary and secondary windings. An 80 rectifier tube is employed. Switches on the front panel for primary and secondary control, so that tube filament can be warmed up before high voltage is applied to the plates. Jeweled pilot light indicators also on front panel show instantly when power supply is in "ON" position. Available in either standard, open type mounting or with rack panel for standard 19" rack. Size 10x7x6¾". Shpg. wt. 16 lbs.



Rack Panel Receiver

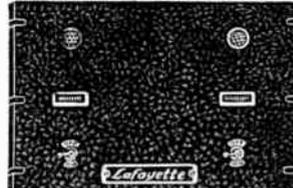
**Y Y 21934**—Lafayette 5 meter "Acorn" Superhet Receiver as described above. Complete in cabinet, less tubes and power supply **\$26.50**

**Your Cost**.....  
**Y Y 21935**—Same as above, with panel for Rack Mounting **\$28.95**

**Your Cost**.....  
**Y Y 21936**—Special Power Supply, complete less tube **\$9.50**

**Your Cost**.....  
**Y Y 21927**—Same as above, with panel for Rack Mounting **\$11.50**

**Your Cost**.....  
Set of matched tubes; 2-954's, 1-6C6, 2-6D6's, 1-41 and 1-42. **\$14.25**



Rack Panel Power Supply

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# Lafayette TRANSCEIVERS and ACCESSORIES

## KELLOGG Transceiver Set



100 ohm Mike requiring .025 amps. at 3 volts. Gold plated diaphragm. Carbon button thoroughly insulated from case with moulded bakelite. Super-sensitive 2000 ohm receiver with bi-polar cobalt steel magnets and bakelite cap. Receiver cap 2 1/8" diameter. Length of handset overall 9". Handle of cast aluminum. Equipped with 6 foot four-conductor moisture proof cord. Shpg. wt. 5 lbs.

**YN13562**  
Your Cost **\$6.47**

## Automatic Transceiver Set



High quality single button carbon mike (200 ohms), and a high impedance head phone in a bakelite hand set. French phone construction. Microphone extremely rugged to withstand hard usage. Has high power output resulting in a sensitivity which is unusual for this type of instrument. Four wire connector cord with phone tips. Ideal for transceivers and portable transmitters. Shpg. wt. 4 lbs.

**YM13480**  
Your Cost **\$9.75**

## Single Button Utility Microphone



Especially designed for use where a utility microphone of single button construction is desired. Intended for voice only. Best quality material and workmanship throughout. Finished in beautiful polished plate. Equipped with an off and on switch and 12 ft. of silk-covered cable. Shpg. wt. 3 lbs.

**YM13482**  
List Price \$8.50  
Your Cost **\$3.95**

## KELLOGG Hand Microphone



Designed for use with portable P.A. systems, transceivers and amateur broadcast stations. Single button, 200 ohms, diaphragm is gold plated for perfect contact. Conveniently shaped handle permits holding microphone for long periods without tiring. Equipped with two-conductor 18 strand tinsel cord, 6 ft. long. Size 6 1/2" in height, 2 1/4" in diameter. Shpg. wt. 4 lbs.

**YM13435**  
Your Cost **\$1.95**

## UNIVERSAL 5-Meter Hand Sets



Highly polished molded bakelite, especially engineered for 5-meter transceivers. Weighs only 15 oz. Employs special high output microphones made extra rugged. Includes a 6 ft. 4 connector cord with each set. Available in single or double button types, in various degrees of sensitivity. Shpg. wt. 3 lbs.

Stock No.	Output	List Price	Your Cost
<b>YN14043</b> , single with 200 ohm uni-polar rec. . . . . DB	-38	\$6.00	\$3.53
<b>YN13592</b> , double with 2000 ohm uni-polar rec. . . . . DB	-55	8.00	4.70
<b>YN13593</b> , single with hi-quality receiver. . . . . DB	-38	12.50	7.35
<b>YN13594</b> , double with hi-quality receiver. . . . . DB	-55	15.00	8.82

## Lafayette 5 Meter Antennas Tunable to Any Frequency



Consists of two adjustable quarter wave rods with 12" insulating bracket. Length variable from 52 inches to 9 feet. Of aluminum, each half in three sections. Binding posts for feeders. Shpg. wt. 2 lbs.

**YR17080**—Your Cost Each **\$3.00**

### Matched Impedance Type

The matched impedance type of antenna is composed of one aluminum half-wave rod which is adjustable up to 110 inches. A brass collar is used to hold the feeders in place. This antenna is similar in appearance to the doublet type antenna, except the two arms are not insulated from each other. Complete with mounting base. Shpg. wt. 2 lbs.

**YR17079**—Your Cost Each **\$2.25**

### "Half-Wave" Type



The half-wave type antenna may easily be mounted on an automobile, boat, etc. Composed of an adjustable half-wave rod of aluminum. Threaded at bottom and equipped with insulated mounting. Adjustable from 38 inches to 9 feet. Binding post for feeder. Shpg. wt. 2 lbs.

**YR17081**—Your Cost **\$1.60**

## STROMBERG "Ham" Mikes

**DESK TYPE**  
Employs single carbon type button that is extremely sensitive and has a very good frequency response. Hi-output enables reduction of amplifier gain for an equivalent degree of modulation or output. Shpg. wt. 8 lbs.



**YN13595**—Your Cost **\$12.25**

### HAND TYPE

The same single button unit, as described above, is used in this mike. The net result is a hand mike that has unusually high sensitivity for a mike of this construction. Supplied complete with cord. Shpg. wt. 5 lbs.

**YN13596**—Your Cost **\$7.50**

# New! Lafayette Transceivers

## Types 19 and 30 for 56 to 60 Megacycles

Announced only a few short months ago the new Lafayette Transceivers are acknowledged leaders in the field today. The fine quality of the materials and workmanship used in their construction and their outstandingly fine performance have won for them this enviable position.

### Model "19"

The model "19" provides an exceptionally high output—approximately 2 watts—which is almost ten times that of the ordinary transceiver using the type 30 tube as oscillator.

The circuit consists of a type 19 tube used as a unity-coupled push-pull oscillator which is modulated by another type 19 as a class "B" audio amplifier which is driven by a type 30. As a receiver one type 19 is used as a push-pull super-regenerative detector with the type 30 and the other type 19 as the first and second stage audio amplifiers respectively. More than enough output is obtained for speaker operation. Hiss level on reception is especially low and the frequency stability on transmission of a particularly high order.

The transceiver is equipped with two aerial terminals so that a transmission line can be used. Jacks for both mike and headphones are provided on the face of the front panel.

The case is of steel finished in black crystallized lacquer and is equipped with a leather carrying handle. Dimensions: 15" high, 7 3/4" wide and 6 1/2" deep. Batteries required are 135 volt "B", 7.5 volt "C", one 4.5 volt battery and two No. 6 dry cells.

**YN13997**—Lafayette Type "19" Transceiver less tubes, batteries and accessories. Shpg. wt. 18 lbs. **\$15.95**

Complete set of Burgess Batteries 3-5308, 1-2370, 1-5540, 2-6A. **Your Cost** **\$3.53**

Kit of matched Tubes, 1-30, 2-19's. **Your Cost** **\$1.73**

**YX14043**—Hand Set **Your Cost** **\$3.53**

### Model "30"

The model 30 Lafayette Transceiver has same external appearance as the model 19 shown at side. It is extremely economical to operate and will provide exceptionally long battery life. It uses the popular 30-33 tube combination in a circuit that is an exclusive Lafayette development. For transmission the 30 is used as an oscillator and the 33 as modulator—for reception the 30 becomes a very sensitive super-regenerative detector and the 33 is used as a high gain audio amplifier. Sufficient volume is available for loudspeaker operation. Inductances are wound with hard drawn copper and are rigidly mounted in place. Jacks for mike and headphones are provided. The entire back of the case is removable. Case is 15" high, 7 3/4" wide and 6 1/2" deep. Finished in black crystallized lacquer. Batteries required are 135 volt of "B", 13 1/2 volt "C" and two 1 1/2 volt dry cells. The only accessories required outside of the case are the antenna, mike and headphones. Complete instructions furnished.

**YN13986**—Lafayette Type "30" Transceiver, less tubes, batteries and accessories. Shpg. wt. 15 lbs. **\$9.95**

Complete set of Batteries (Burgess) 1-5156, 3-5308, 2-6A. **Your Cost** **\$3.72**

Kit of matched tubes, 1-30, 1-33. **Your Cost** **1.19**

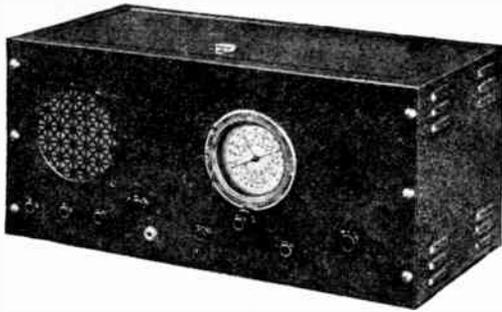
**YM13435**—Kellogg Single Button Hand Mike **Your Cost** **\$1.95**



Despite the low power used in Transceivers a license is required for their operation.

# Lafayette "Professional 9" AMATEUR SUPER-HET

Why be satisfied with the type of receiver that the ordinary broadcast listener has long since discarded? Ham requirements are by far more stringent than those of the broadcast fan, yet many hams are using this type of receiver. Ever increasing interest in the amateur field, and the consequent ever increasing congestion of the amateur bands, demands of the ham that he use a highly selective and extremely sensitive receiver. Lafayette engineers have, therefore, designed a receiver that is up-to-the-minute in every detail. This receiver, THE PROFESSIONAL "9", has every modern feature that would contribute to better performance, yet is so carefully designed that it is extremely simple to assemble. To assist the builder of this receiver, Lafayette engineers have designed the coil-switch assembly so that it is completely wired and tracked at the factory, thereby eliminating the most difficult part of the construction.



## 10 Meter Band

Four separate wave bands are provided: 9.7 to 30 meters (includes 10 meter ham band); 30 to 75 meters (includes 40 meter hams and part of 80 meter band); 75 to 200 meters (including balance of 80 meter ham band, and also 160 meter ham band); and 200 to 560 meters, covering the American broadcasting. Quite naturally, the continuous wave coverage will include all short-wave stations, and other intermediary frequencies. Greater band-spread for amateur communication purposes can not be found on any set on the market today.

The complete receiver measures 22 1/2" long, 10" high, and 11 1/2" deep. A crystalline finished metal front panel, drilled with all necessary holes, is supplied with the Kit.

The electro-dynamic speaker, the carefully filtered power supply, and the powerful audio output stage are mounted on a separate demountable chassis unit. If desired, it may be mounted externally, a short distance from the tuner.

## Band Spread Dial

A unique dial is employed in this receiver that permits the spreading of any part of the range of the receiver. This is accomplished by means of a "second hand" pointer that makes a complete turn around the dial for approximately every three degrees of the pointer. For quick tuning a ratio of 25:1 is used. For more accurate band spread tuning another drive mechanism giving a ratio of 125:1 is thrown into use.

**Model YY22069**—Lafayette "Professional" 9 Tube Amateur Super-hetrodyne Kit. Complete parts including Speaker, but less all tubes and Cabinet. For 50-60 cycles, 110-125 volts. Diagram and instructions furnished. Shpg. wt. 35 lbs. Code Labors.

**Amateur, Net Price** ..... **\$36.75**  
 Kit of Matched Tubes ..... \$4.54  
**YY22070**—Metal Cabinet as pictured ..... \$7.50  
 Kit wired in Laboratory ..... \$7.50 extra

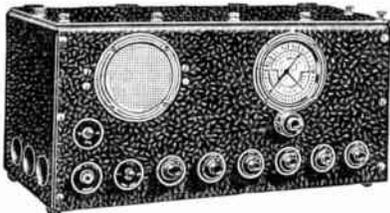
## PRE-SELECTION ON ALL BANDS

Radio frequency on all bands assures maximum sensitivity and selectivity, and minimizes image frequency. This stage employs a 6D6, and is followed by a 6C6 mixer, 41 oscillator, 6D6 first I.F., 6B7 second I.F. diode detector, and automatic volume control tube, 6C6 A.F., 42 power output tube, 76 beat oscillator for code reception, and an 80 rectifier. Sensitivity is less than one microvolt, and selectivity is 7.5 K.C. For the convenience of the operator, a special three position switch cuts in the automatic volume control for phone reception in the first position; cuts it out and throws in the manual control in second position; and cuts in manual volume control and the beat oscillator in the third position for C.W. reception. The 41 tube assures smooth oscillation at all frequencies. This makes for operating convenience and gives the operator any desired degree of control at any time.

## NEW POWER OSCILLATOR

It will be noticed that a power pentode tube (a 41) is used as the oscillator. This tube provides a much higher conversion gain and assures powerful oscillation at the highest frequencies.

## New HALLICRAFTER



### "Super-Seven"

- Iron Core I.F. Transformers
- Extreme Gain Pre-Selection

Designed expressly for use by transmitting amateurs and advanced short-wave listeners, the Hallicrafter's "Super-Seven" includes all of the latest features. It covers all the short-wave, broadcast, amateur and code bands with the highest efficiency. The regular broadcast band has been added to appeal to the wide field that includes amateurs and experienced short-wave hobbyists.

All the features and special controls so desirable to the critical operator make it possible to get the last degree of usable sensitivity and selectivity.

## MANY UNUSUAL FEATURES

Covers all popular ranges from 540 to 18,000 K.C. (555 to 16 meters) in three bands: Super-gain iron core I.F. amplification; seven latest type tubes with 10 tube performance; swift, smooth A.V.C. action; 4 watts undistorted power output; extreme gain pre-selection on all bands; square proportion high Q coil design; full continuous band spread with airplane dial; manual tone control for individual pitch, shading and noise suppression; Jensen dynamic speaker; thorough shielding; two stage high gain audio system; perfected band switching; front panel pitch control; A.V.C. switch; beat frequency oscillator; send-receive (stand-by switch); sensitivity control; customized construction throughout. The three band selector switch is positive in action due to silvered, self-wiping contacts and no-loss leads.

## TREMENDOUS SENSITIVITY—LOW NOISE

Tremendous sensitivity and remarkably favorable signal-to-noise ratio is obtained by means of the iron core I.F. stage using a type 78 tube. Actual sensitivity of the receiver being less than 1 microvolt.

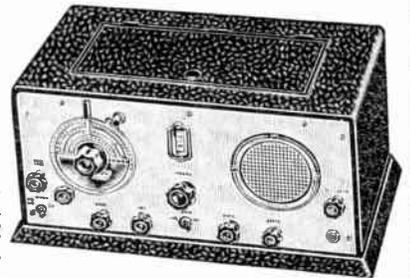
The tubes used include: One type 78 R.F., one 6A7 first detector, one 78 I.F., one 75 second detector, A.V.C. and audio amplifier, one 42 output tube, one 78 electron coupled beat oscillator with pitch control, and one type 80 rectifier. Oversize transformers and filters provide hum-free reception even on head phones. Receiver dimensions overall: 21 1/4" by 9 3/4" by 10 1/4" high.

**YN13769**—Hallicrafter "Super Seven" complete with tubes. For 110 volts, 60 cycle A.C. operation. Shpg. wt. 43 lbs. List Price \$83.00.  
**Your Cost** ..... **\$49.50**

## New HALLICRAFTER

### Super "SKY-RIDER"

With the New Metal Tubes



Now with the new metal tubes comes a new "Skyrider." The instant elimination of noisy tube shields, the reduced inter-electrode capacities and the advantage of much shorter leads, makes possible greater gain and fewer circuit complications. The 6L7 tube used in this new receiver has no parallel in the glass tubes.

## IRON CORE I.F. TRANSFORMERS

Crowded amateur bands demanded a new order of selectivity. Iron core I.F.'s are the answer. The special system used in the NEW Super SKYRIDER also insures greater sensitivity and a signal-to-noise ratio that is unattainable with any air core system.

An efficient five band coverage of all wave bands from 7.4 to 550 meters is made possible through an antenna circuit that is in each case tuned to the low frequency end of the band. It is both inductively and capacitively coupled to the grid and therefore uniform gain is obtained.

## NINE METAL TUBES

Nine metal tubes are used as follows: 1 6K7 as R.F. pre-selector, 6L7 as first detector-mixer, 6C5 as oscillator, 6K7 as I.F. stage, 6H6 as second detector and A.V.C. tube, 6K7 as electron coupled beat oscillator, 6F5 as first audio, 6F6 second audio and a 5Z4 rectifier. The I.F. system uses six tuned circuits with or without the crystal filter. Complete and absolute control is had over the receiver due to a new Duo-Micro-Vernier band spread system, a panel controlled beat oscillator switch and pitch control, R.F. and audio gain controls, send-receive switch, crystal filter control and a phone jack. A new and valuable feature for the "phone man" is the low boost control that adds "body" to phone signals. Overall dimensions: 10" high, 10" deep, 19 1/2" long. Shpg. wt. 48 lbs.

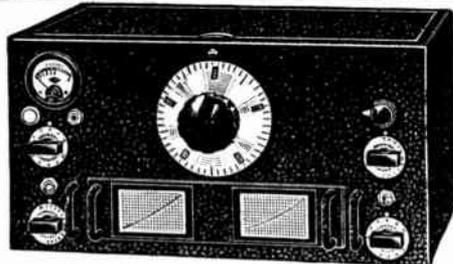
**YN13768**—Super SKYRIDER with tubes, less crystal. List Price \$135.00  
**Your Cost** ..... **\$79.50**  
**YN13767**—Super SKYRIDER with tubes and factory installed crystal. List Price \$135.00  
**Your Cost** ..... **\$89.50**

To Speed Handling of YOUR Order -- Use Our Order Blank

# NATIONAL Amateur Receivers and Accessories

## The New NATIONAL "H R O" 9 Tube Superhet Receiver

- ★ Two Stage Pre-Selector Built-in
- ★ Lamb Single Signal Crystal Filter
- ★ Ganged Plug-in Coils
- ★ Four Gang Tuning Condenser
- ★ Air Tuned I. F. Transformers
- ★ Carrier Intensity Meter



The new National HRO Receiver is truly the achievement of an ideal! It has been especially designed to meet the requirements of the most critical amateur.

Two models are available, one using the 2.5 volt series of tubes, the other the 6.3 volt series. The 2½ volt model uses 4-56's, 3-57's, 1-2B7 and 1-2A5. The 6 volt model uses 4-6D6's, 3-6C6's, 1-6B7 and 1-42. Both of the foregoing models require separate power supplies, but a third model is available having a built-in power supply and is known as the model HRO-S.

Circuit features includes, in addition to features mentioned above; **Automatic or Manual Volume Control** selected by means of a switch on the panel. A **Neon Trigger Lamp** wired across the input circuit automatically shunts the terminals whenever excessive voltages are picked up by the antenna. This device also eliminates blocking and permits quick come-back when operating break-in or duplex. A **Phone Jack** is provided on the front panel as well as a send-receive switch for cutting "B" voltages during transmission. An **Entirely New Deal** is incorporated in this receiver. It is self-indicating and direct reading to one part in 500! **Beat Frequency Oscillator** for the reception of CW signals is included.

Due to the use of two stages of pre-selection the selectivity is excep-

tionally good and the signal-to-noise ratio is 1000 to 1 at 14 MC. A complete set of coils is supplied with each receiver to cover the range from 1.7 MC to 30 MC. Each coil gang is equipped with an accurate calibration curve.

Entire receiver mounted in metal cabinet finished in black crystalline lacquer. Size 8¼x17¼x10". Panel for Relay Rack mounting is available. Shpg. wt. 30 lbs.

**YN13770**—HRO-2 Receiver, complete with coils, matched RCA tubes, less speaker and power supply. List \$279.50

**YN13771**—HRO-6 Receiver, complete with coils, tubes, less speaker and power supply. List \$279.50

**Your Cost, Either Type** ..... **\$167.70**

**YN13773**—Additional Set of coils from 550 to 900 K.C.

**YN13774**—Additional Set of coils from 900 to 1700 K.C.

List \$20.00 per set. **Your Cost, Either Set** ..... **\$12.00**

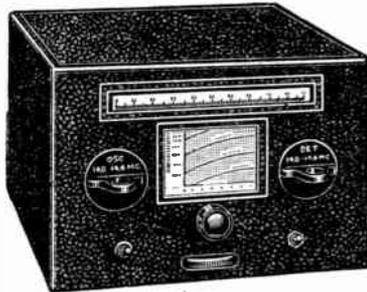
**YN13877**—115V., 60 cycles, Power Supply for 2.5 volt tubes. **Your Cost** ..... **\$15.90**

**YN13876**—115V., 60 cycles, Power Supply for 6.3 volt tubes. **Your Cost** ..... **\$20.70**

### "FB-7A", "FBX-A", Receivers

- High Selectivity and Sensitivity
- Uniform Gain over Entire Frequency Range
- Two I. F. Hi-Gain Stages
- Band Spread and Full Range Coils
- Full Range, 34 M.C. to 1500 K.C.

These efficient S. W. supers are well known to the trade. Employ 7 tubes (not including rectifier) in a high gain circuit. Feature high selectivity and sensitivity, uniform gain over entire range, band spread tuning, beat oscillator, etc. FBX-A is same as FB-7A except that it includes a crystal filter. Tubes used are: 1-56, 1-57, 2-58's, and 1-30. Shpg. wt. 20 lbs. All prices less tubes, coils and power supply.



1-59 and 2-24's. Full vision dial, calibration chart, plug-in coils and all controls mounted directly on front panel. In black crystalline finished metal cabinets. Shpg. wt. 29 lbs. each. Range 34 M.C. to 1500 K.C.

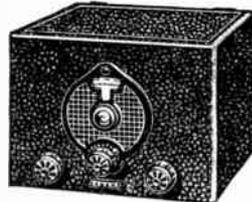
**YN13867**—FB-7A Receiver complete, less tubes, coils and power supply. List \$62.50 **\$37.50**

**YN13871**—FBX-A Receiver complete, less tubes, coils and power supply. List \$86.50

**YN13877**—5897AB Power Supply for use with either receiver. 115 volts, 60 cycles, less tube. List \$26.50. **Your Cost** ..... **\$15.90**

**YN13876**—5897AB Power Supply for use with either receiver. 115 volts, 60 cycles, less tube. List \$26.50. **Your Cost** ..... **\$15.90**

### SW-3 AC-DC, Battery Models



Three tube S. W. receiver. Cabinet dimensions are 9¼x9x7". Circuit consists of one R.F. stage transformer coupled to a regenerative detector, and one stage of impedance coupled audio. Uses XR-39 plug-in coils. A. C. model uses 2-58's and 1-27; D. C. 6 volt model uses 2-36's and 1-37; D. C. 2 volt model uses 2-32's and 1-30. Shpg. wt. 20 lbs. All prices less tubes, coils and power supply.

**YN13817**—A. C. Model. **YN13819**—6 Volt D. C. Model. **YN13821**—2 Volt D. C. Model.

**Your Cost, Any Type** ..... **\$19.50**

**YN13807**—5880AB Power Supply for A. C. Model. List \$26.50. **Your Cost** ..... **\$15.90**

**YN13877**—5897AB Power Supply for use with either receiver. 115 volts, 60 cycles, less tube. List \$26.50. **Your Cost** ..... **\$15.90**

**YN13876**—5897AB Power Supply for use with either receiver. 115 volts, 60 cycles, less tube. List \$26.50. **Your Cost** ..... **\$15.90**

### Cathode Ray Oscilloscope

This unit offers a means of checking both phone and C.W. transmitters by providing an instantaneous graphic picture of the actual operating conditions in transmitter circuits. Percentage Modulation, Signal Distortion, and Peak Voltages, for instance, are indicated directly, and results are more easily interpreted. A type 80 tube is used for rectification. No linear sweep is provided, it having been found more desirable to use an audio signal from the transmitter for this purpose. However, the linear sweep may be added at any time if it is found necessary for special work. The unit is entirely self-contained. The dimensions of the cabinet are 12x8x6", finished in black crackle. Shpg. wt. 15 lbs.



**YN13832**—Cathode Ray Oscilloscope, less tubes List \$29.50. **Your Cost** ..... **\$17.70**

RCA Type 906 Cathode Ray Tube with 3" screen. **Amateur's Net Price** ..... **\$18.00**

### Plug-in Type Coils

Made of new "low-loss" R39. The "10" series are used for the early SW3 A.C. and D.C. and the new SW3 D.C.; the "60" series are used with the latest SW3 A.C. Band spread coils are designed to permit 50 dial division spread. All coils space wound with turns permanently fastened by means of an overall coating of liquid Vetricon.



GENERAL COVERAGE COILS		Meter Range	Your Cost Per Pair
10 Series	60 Series		
YN14400	YN14465	9-15	<b>\$3.00</b>
YN14401	YN14466	14-25	
YN14402	YN14467	23-41	
YN14403	YN14468	40-70	
YN14404	YN14469	65-115	
YN14405	YN14470	115-200	<b>\$3.30</b>
YN14406	YN14471	200-360	
YN14407	YN14472	350-550	
YN14408	YN14473	550-850	<b>\$4.80</b>

BAND SPREAD COILS		Band	Your Cost Per Pair
Stock No.	Stock No.		
YN14417	YN14446	10	<b>\$4.00</b>
YN14412	YN14435	20	
YN14413	YN14436	40	
YN14414	YN14437	80	
YN14416	YN14438	160	

### "FB-7A" Coils

The Plug-in Coils employed in the "FB-7A" are essentially the same as those developed originally for the "AGS" Receiver. The regular type and the band-spread coils are interchangeable as they both are supplied in a six prong coil base. Both type coils are furnished with air dielectric condensers.



Coil	Range
YN14450 AB-20	20 Meter B. S.
YN14451 AB-40	40 Meter B. S.
YN14452 AB-80	80 Meter B. S.
YN14453 AB-160	160 Meter B. S.
YN14454 FB-F	1500 to 900 K.C.
YN14455 FB-E	2500 to 1800
YN14456 FB-AA	34000 to 15000
YN14457 FB-A	1700 to 11400
YN14458 FB-B	11700 to 7100
YN14459 FB-C	7300 to 4000
YN14460 FB-D	4200 to 2400

List Price of coils for all ranges **\$6.00** \$10.00 per pair.

**Your Cost per Pair**.....  
**YN14461**—"XR-39" Unwound Forms, with Handle, Condenser and sleeve. List \$3.65 **Your Cost Each** ..... **\$2.19**  
**YN14462**—"XCS" Special 6 prong socket mounted in aluminum shield as used in "FB-7A." **Your Cost Each** ..... **\$1.05**



# NATIONAL Amateur EQUIPMENT

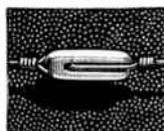
## Stand-Off Insulators "Steatite"



In three sizes: 1x1 1/2" high, 1 1/2x2" high, 1 1/2x3" high. Tapped at both ends, 10/24 thread. YN14483—

- WGS-5. 1 1/2" high  
Your Cost Each ..... **15¢**  
YN14484—WGS-6. 2" high  
Your Cost Each ..... **21¢**  
YN14485—WGS-7. 3" high  
Your Cost Each ..... **39¢**  
Similar to above, but with standard base. 1 1/2" mounting centers, 2" high. Of Steatite. WGS-8  
YN14486—Your Cost ..... **15¢**

## Strain Insulator



Aircraft type. Being loaded in compression; provides great mechanical strength. Is 1/2 x 1 1/2" long.

- YN14497—AA-5  
Your Cost Each ..... **12¢**

## Flexible Shaft Coupling



This new gadget combines Isolantite insulation with a short length of flexible

- shafting. Drives shafts at any angle up to 90°. Hubs take 1/4" shaft.  
YN14530  
Your Cost ..... **75¢**  
Without Isolantite insul.  
YN14531—Your Cost ..... **36¢**

## Acorn Sockets



YN14505—Type XCA—Steatite-Isolantite. For RCA 955 triodes.  
YN14506—Type XMA—Drawn aluminum shielded with socket mica by-pass condenser contacts. For RCA 954 Pentodes.  
Your Cost Each, Either Type ..... **90¢**

## 50 Watt Sockets

Insulation is highly glazed ceramic material. Metal shell with guide slot. Binding post terminals. Low-loss. 2 1/2" diameter, 2 1/4" high.



YN14524—XM-50 ..... **\$1.20**  
Your Cost Each  
Similar to above, but all Steatite construction. No metal. XC-50.  
YN14492  
Your Cost ..... **\$2.10**

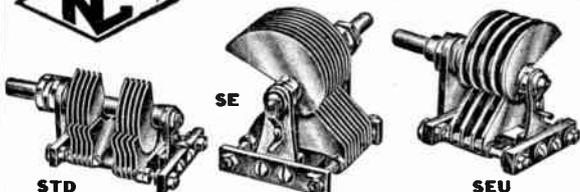
## New 803 Socket



Steatite-Isolantite. "Jumbo" 5-prong, for 803 or RK-28. Steatite stand-offs.  
YN14522  
Your Cost ..... **\$2.16**  
Same, less stand-offs.  
YN14523—Your Cost.. **\$1.80**



## MIDGET CONDENSERS



All have insulated front bearings, resulting in the elimination of possibility of shorted turns. The exclusive constant impedance pig-tail assures a perfect electrical connection. All insulating material of Isolantite—dielectric losses reduced to a minimum. Plates are of polished aluminum. Types ST, STD and SE have plates with .026" air gap; type SEU has .055" air gap. All two bearings. ST-150, STD-50 and SE-150 extend 2 3/4" behind panel; others 2 1/4". Types not shown in the listing below can be supplied quickly.

Stock No.	Mfrs. No.	Cap'y Mmfd.	Plate Shape	Rotor	Plates Stator	Your Cost
YN14291	ST-50	50	180°	6	5	\$1.08
YN14293	ST-100	100	180°	10	10	1.35
YN14294	ST-150	150	180°	15	14	.50
YN14303	STD-50	50 each	180° SLW	6 each	5 each	2.10
YN14280	SE-50	50	270°	6	5	1.80
YN14282	SE-100	100	270°	10	10	2.10
YN14283	SE-150	150	270°	15	14	2.25
YN14288	SEU-15	15	....	3	3	1.50
YN14290	SEU-25	25	....	5	4	1.65

Shafts 1/4" diameter. Standard rotation clockwise, counter-clockwise on special order. Special order above with shaft extending through rear bearing for ganging.

Any intermediate capacity may be had in any of the above types. The list price would be the same as the next higher capacity listed.

## Experimenters' Condensers

Designed to meet the demand for a low priced condenser to be used for experimental purposes. Non-corrosive brass plates mounted on a sturdy frame. For receivers or low power xmitters. Shpg. wt. 1 lb.

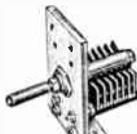


Stock No.	Cap'y	Your Cost
YN14327*	15 mmfd.	\$0.51
YN14344*	25 mmfd.	.51
YN14392*	35 mmfd.	.60
YN14342	50 mmfd.	.54
YN14322	100 mmfd.	.60
YN14343	140 mmfd.	.75

\* Double spaced, others single.

## Ultra Midget Condensers

For use in high frequency receivers. Ideal for neutralizing, tuning, etc. Isolantite insulation. Can be mounted in shield cans. Shaft can be cut at groove; hex nut adjustments can be made. Shpg. wt. 1 lb.



Stock No.	Cap'y	Type	Your Cost
YN14336	15	UM-15	\$0.75
YN14337	35	UM-35	.90
YN14338	50	UM-50	.96
YN14339	75	UM-75	1.02
YN14340*	25	UMA-25	1.11
YN14341**	25	UMB-25	1.11

\* Double spaced, \*\* Bal. Stator, single spaced.



## TRANSMITTING CONDENSERS TYPE TMA



A new line of improved transmitting condensers designed for maximum obtainable efficiency. The frames are extremely rigid and are arranged for mounting on panel, chassis or stand-offs. The plates are of heavy aluminum with rounded and buffed edges. Front bearing is conical, rear bearing radial with single-ball thrust. Insulation is Isolantite, located outside of the concentrated field. Heavy duty construction with high peak voltage rating make them particularly attractive for use by the "Ham."

Stock No.	Mfrs. No.	Cap'y Mmfd.	Peak Volts	Plates	Length Inches	Your Cost
YN14369	TMA-100AA	100	9000	16	10	\$8.40
YN14328	TMA-50A	50	6000	9	4 9/16	3.60
YN14329	TMA-100A	100	6000	16	6 7/8	5.40
YN14330	TMA-150A	150	6000	23	6 7/8	6.60
YN14331	TMA-230A	230	6000	35	9 5/16	8.70
YN14332	TMA-50DA	50-50	6000	9-9	6 7/8	6.00
YN14333	TMA-100DA	100-100	6000	15-15	9 5/16	9.60
YN14334	TMA-350	300	3000	23	4 9/16	6.60
YN14335	TMA-250D	200-200	3000	16-16	6 7/8	8.10

## NOTE

We can supply any National product not listed above, at a discount of 40% from the list price.

## Stand-Off Insulators "Isolantite"

Long and slender. Makes excellent core for H. F. chokes.



- YN14479—WGS-1. 1 1/2" ..... **15¢**  
Your Cost Each  
YN14480—WGS-2. 2 1/2" ..... **21¢**  
Your Cost Each  
Like above, but metal mounting. Isolantite. Diameter 3/4"  
YN14481—WGS-3. 2 3/8" ..... **48¢**  
Your Cost Each  
YN14482—WGS-4. 4 7/8" ..... **60¢**  
Your Cost Each

## Feeder Spreader

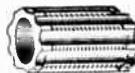


Conventional in design, unusual in efficiency. Of Steatite, 6" long, diameter 3/4". Type AA-3.

- YN14498—  
Your Cost Each ..... **18¢**

## Ceramic Coil Forms

Especially designed for use in transmitters. Threaded and drilled for windings. Can be mounted on plugs or stand-off insulators. Of moulded ceramic material. Shpg. wt. 2 lbs.  
YN14347—XR10A—26 turns. Size 2 1/2 x 5" ..... **90¢**  
Your Cost Each  
YN14348—XR12A—28 turns. Size 4 x 6 1/4" ..... **\$1.35**  
Your Cost Each



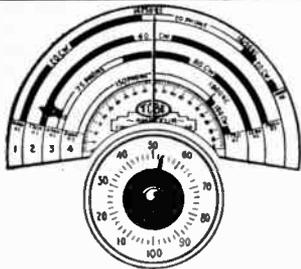
## Precision Condenser with Micrometer Dial



Meets every requirement for use in H. F. receivers. Feature extremely low loss electrical characteristics, plus mechanical rigidity and accuracy of control. The drive is of the worm-gear type with a 20:1 ratio, and is heavily preloaded to insure absolute freedom from back lash. Sections are mounted directly on gear housing; do not touch chassis. Rotor shaft 180° S. L. F. type. Rotor shaft 3/8" diameter. The micrometer dial mounts directly on a support projecting from the rear housing and does not touch the panel at any point. It has 500 divisions, and makes 10 revolutions in covering the tuning range. The dial is numbered every 10 divisions. Numbers rotate in the conventional manner but are automatically changed every revolution by a mechanism within the dial.

Stock No.	Mfrs. No.	Sec-tions	Your Cost
YN14430	PW-1	1	\$8.10
YN14431	PW-2	2	10.20
YN14432	PW-3	3	12.30
YN14433	PW-4	4	14.40

# TOBE Amateur Receiver & Browning 35 all wave Set



Close-Up of Amateur Dial Showing The B. S.



Close-Up of "All-Wave" Dial Showing Individual Calibration

## TOBE Amateur Communication Receiver

A seven tube superhet receiver designed exclusively for amateur band operation and incorporating the latest principles of advanced circuit design.

### FEATURES

- Designed solely for the 20, 40, 80, and 160 meter "ham" bands (and adjacent channels).
- Extreme selectivity afforded by the sharply tuned antenna circuit, R.F. pre-selection, and triple tuned double band pass link circuit L.F. amplification.
- Extremely low background noise allows speaker reception of weak C.W. signals. (ON-OFF.)
- Adjustable beat frequency oscillator.
- Single tuning control.
- No plug-in coils.
- Stand-by switch and phone jack on front panel.
- Regenerative I.F., manually controlled. For single signal C.W. reception or extreme selectivity when desired.
- Additional interchangeable dials for logging.
- Sensational mechanical and electrical band-spread, as shown in table below. (Tuning rate means number of K.C. covered by one complete revolution of the tuning knob.)

Band	160	80	40	20
Tuning Rate (in K.C.)	26.5	30	18	17
Calibration Spread (K.C.) per dial div.	2	3.4	2	3

## BROWNING 35 "All-Wave" with TOBE Tuner

### COMPLETE PRICE LIST

Browning 35 All-Wave Receiver kit complete, less cabinet, tubes and speaker. Shpg. wt. 25 lbs.  
**YY22182—List \$66.50 \$39.90**  
**Your Cost**.....  
 Browning Tuner only. Complete with dial, dial knobs and extra cards. Shpg. wt. 5 lbs.  
**YY22189—List \$31.00 \$18.60**  
**Your Cost**.....  
 ToBe Amateur Communication

Receiver kit complete, less tubes, speaker and cabinet. Shpg. wt. 25 lbs.  
**YY22188—List \$69.00 \$41.40**  
**Your Cost**.....  
 ToBe Model H Amateur Tuner only. Complete with dial, dial knobs and extra cards. Shpg. wt. 5 lbs.  
**YY22187—List \$33.25 \$19.95**  
**Your Cost**.....

### Parts Common to Both Receivers

Black crystalline finished metal cabinet. Size 17½x9¾x11½". Shpg. wt. 10 lbs.  
**YY22183—Your Cost**..... **\$3.60**  
 Same as above, but with hinged top cover for quick tube changes, etc. Shpg. wt. 10 lbs.  
**YY22004—Your Cost**..... **\$4.80**  
 Special Wright deCoster 8" dynamic speaker in black crinkle finish metal cabinet (same height as receiver). Model 100B. Shpg. wt. 9 lbs.  
**YW19330—Your Cost**..... **\$4.90**  
 Same as above, but with 6" dynamic speaker. Shpg. wt. 7 lbs.  
**YW19331—Your Cost**..... **\$4.40**  
 Wright deCoster 6" speaker, unmounted—less cabinet. Shpg. wt. 3½ lbs.  
**YW19332—Your Cost**..... **\$2.20**  
 Special Wright deCoster 10" dynamic speaker, unmounted—less cabinet. Shpg. wt. 6 lbs.  
**YW19333—Your Cost**..... **\$4.10**

Drilled metal panel for ToBe Amateur Receiver. Shpg. wt. 3 lbs.  
**YM12804—Your Cost**..... **90¢**  
 Same as above, for Browning 35 All-Wave Receiver.  
**YM12805—Your Cost**..... **90¢**  
 Drilled cadmium plated chassis. For either set. Shpg. wt. 7 lbs.  
**YM12806—Your Cost**..... **\$3.00**  
 Special embossed chromium and black escutcheon plate. (Illus.)  
**YH9900—Your Cost**..... **\$1.88**  
 Complete set of matched 2.5 volt tubes. 2-58's, 1-2A7, 1-2A6, 1-2A5, 1-56 and 1-80.  
**Your Cost**..... **\$3.65**  
 Complete set of matched 6 volt tubes. 2-6D6's, 1-6A7, 1-75, 1-76, 1-42 and 1-80.  
**Your Cost**..... **\$3.65**  
**YY22191—Extra set of blueprints for ToBe Amateur set \$1.00**  
**YY22186—Extra set of blueprints for Browning 35.....\$1.00**

Similar in most respects to the ToBe Amateur receiver, the Browning 35 All-Wave set was designed for the broadcast listener who is interested in short-wave reception.

### Four Bands

The receiver has a tuning range covering from 13.3 to 550 meters in four bands: (1) 8.5 to 22.6 M.C.; (2) 3.4 to 9.1 M.C.; (3) 1.42 to 3.92 M.C.; (4) .54 to 1.52 M.C. Bands are clearly marked on the full-vision dial, and extra scales are provided for logging or special calibration.

### Sensitive and Selective

Sensitivity rated less than 1 micro-volt per meter. Selectivity of 10 K.C. on all bands.

### Excellent Band Spread

Unique method of band-spreading makes use of an auxiliary dial that revolves over a 360° arc and provides 40:1 ratio.

### Tuned R.F. Stage

Set incorporates a stage of R.F. amplification ahead of the first detector and a sharply tuned ant. circuit.

**"Band-Pass" I.F. Transformers**  
 I.F. transformers have link coil which gives "band-pass" effect, with nose of curve approximately 5 K.C. wide, 6 tuned I.F. high "Q" circuits.

### Simplified Construction

The receiver is exceptionally easy to build due to the comprehensive instructions furnished and because of the factory assembled TOBE tuner. Seven connections between tuner and rest of circuit.



## Amateur Communications Receiver ACR-136

- ★ 540 to 18,000 K.C. ★ No Plug-in Coils ★ 1 Stage of R.F.
- ★ Complete Band Spread ★ Beat Frequency Oscillator

Amateurs, "hams" and short-wave enthusiasts will welcome the addition of this new receiver to the RCA line. A superheterodyne circuit is employed with one stage of tuned R.F., which assures low image frequency response and high signal to noise ratio. There is sufficient sensitivity to go well below the noise level in almost any location.

Seven high gain tubes are used as follows: 1-6D6 as R.F. Amplifier; 1-6A7 as Oscillator and Mixer; 1-6D6 as I.F. Amplifier; 1-6B7 as combined Second Detector, AVC and Audio Amplifier; 1-6D6 Beat Frequency Oscillator; 1-41 Output Tube and 1-80 rectifier.

Tuning range covers the spectrum from 540 to 18,000 K.C. (550-16.5 meters), taking in the entire short-wave band and the American broadcast band. Desired band is selected by means of a switch on the front panel. Each band has separate coils.

Circuit features include: an efficient AVC circuit with provisions for cutting out its action; a beat note oscillator; a full range tone control; a phone jack (when phones are plugged in speaker is muted); a "stand-by" switch which removes plate voltages from tubes during periods of transmission; a two-speed Vernier dial with 10 to 1 and 50 to 1 ratios; a built-in electro-dynamic speaker.

Eight control knobs for all operations on front panel of the metal cabinet. Size 22x10½x11½". Shpg. wt. 17 lbs.

**YN13814—Model ACR-136 Receiver, complete with tubes, power supply, speaker, etc.**  
**NOTHING ELSE TO BUY. Your Cost**.....

**\$69.50**



# Hammarlund SHORT WAVE RECEIVERS

## HAMMARLUND "Super-Pro" Receiver



This receiver was designed primarily for amateur, experimental and broadcast reception, and to operate from 110 volts, 50-60 cycles A.C. It consists of two major units—the receiver proper and the power unit. A total of 16 tubes is employed in a circuit that incorporates every modern feature. The highest and lowest frequencies, from 20 megacycles to 540 K.C., are all covered equally well, and this range is covered in 5 bands. A specially designed switch with silver plated multiple contacts automatically short-circuits all coils not in use. The main dial is directly calibrated in megacycles from 2.5 M.C. to 20 M.C., and in kilocycles from 540 to 2500 K.C. Only the scale in actual use is visible. This is accomplished automatically when the band switch is set.

The following general features are also incorporated in the Standard "Super-Pro" receiver: **Superheterodyne Circuit**, the 16 tubes being used as follows: 2-6D6, as tuned radio frequency stages on all bands. 1-6C6, as high frequency oscillator electron coupled to first detector. 1-6C6, as low frequency beat oscillator. 1-6A7, as first detector. 3-6D6, as three stages of I.F. amplification—at 465 K.C. (coupling of stages variable by means of a single front panel control). 1-6B7, combination fourth I.F. stage and double diode second detector. 1-6B7 separate amplified A.V.C. 1-76 resistance coupled first audio. 1-42 as class "A" driver stage. 2-42, as class "AB" push-pull audio output stage. 1-5Z3, plate voltage rectifier. 1-V, grid-voltage rectifier. **Electrostatically Shielded Input Circuit** for use with balanced antenna systems. **Automatic Gain Control** action independent of beat oscillator permitting the use of A.V.C. for high speed C. W. reception. **"Send-Receive" Switch** to "kill" receiver during transmission. **Panel Control** to vary frequency of beat oscillator. **Visible Tuning Meter**. **Band Spread Tuning** on 3 frequency bands. **R.F. Gain Control**. **Audio Volume Control**, and many other features. The "Super-Pro" is available with Single Signal Crystal Filter which provides greater selectivity.

- YN13804**—Standard "Super-Pro", in black wrinkle finish metal cabinet, complete with power supply, tubes and electro dynamic speaker. Shpg. wt. 65 lbs. List \$330.00  
**Your Cost** ..... **\$194.04**
- YN13805**—"Super-Pro" with Crystal Filter.  
List \$360.00  
**Your Cost** ..... **\$211.68**
- YN13806**—Special Panel for relay rack mounting. Shpg. wt. 15 lbs.  
**Your Cost** ..... **\$8.82**
- YW19310**—High Fidelity Speaker, additional  
**Your Cost** ..... **\$11.76**

## HAMMARLUND Comet "Pro" S. W. Superheterodyne



This exceptional short wave superheterodyne has not been named the "PRO" without reason. It was designed for communications, airport, broadcasting, police and other equally important services, yet, despite this rigid adherence to professional standards, it is simple to tune and can be successfully operated by the veriest novice. With only four sets of coils it covers a band of frequencies from 1,500 to 20,000 K.C. (additional coils covering from 20,000 to 37,500 K.C. and from 550 to 1500 K.C. also available), and, due to its unique design, bandspreading can be obtained at ANY frequency within the range of the receiver. The following are just a few of the features of these remarkable receivers:

1. Sensitivity of better than 1/4 microvolt per meter.
2. Intermediate oscillator for C. W. code reception, also valuable as a "station finder" in searching for weak phone stations.
3. Litz wound intermediates.
4. Complete shielding.
5. Air-tuned I.F. transformers.

A.C. models use the following tubes: 4-58's, 2-57's, 1-2A5 and 1-80 Receiver comes mounted in an attractive black crystalline finished metal cabinet. All prices are without tubes. Shpg. wt. 51 lbs.

- YN13833**—Standard "Pro" with Cabinet. List \$150.00  
**Your Cost** ..... **\$88.00**
  - YN13836**—Standard "Pro" Chassis only. List \$135.00  
**Your Cost** ..... **\$79.38**
  - YN13847**—"Pro" with Crystal Filter, in Cabinet List \$180.00  
**Your Cost** ..... **\$105.84**
  - YN13848**—"Pro" with Crystal Filter, Chassis only List \$165.00  
**Your Cost** ..... **\$97.02**
- All of the above models are for 110-115 volts 50-60 cycle A.C. Receivers for 25 or 40 cycles, 125, 140, 230 or 250 volts are also available for \$5.88 additional price. All prices are complete with four sets of coils to cover 15 to 250 meters.
- YH8492**—Additional "Pro" coils for 8 to 16 meters, per set List \$5.00  
**Your Cost** ..... **\$2.94**
  - YH8491**—"Pro" coils for 250 to 550 meters, per set List \$5.00  
**Your Cost** ..... **\$2.94**
  - YW19136**—Specially matched Lafayette 12" A.C. Speaker Chassis for use with "Pro" Receivers  
**Your Cost** ..... **\$7.95**

# PEAK PRODUCTS

## ULTRA-HI-FREQ. Super Het.



A hi-gain high efficiency ultra high frequency 5 tube receiver for the ham or short-wave enthusiast. Gives real super-heterodyne performance yet lacks the "hiss" so objectionable in this type of set. Bands covered 2 1/2, 5 and 10 meters using plug-in coils supplied with receiver. Either 6.3 or 2.5 volt tubes may be used, and the following are the types employed:

- 6.3 volt series—one 6C6, two 6D6's, one 85, one 41 or 42. 2.5 volt series—one 57, two 58's, one 55, one 2A5. Power output to loudspeaker —3 watts. Additional features are as follows: Automatic Volume Control, Illuminated Airplane Dial, High Selectivity, All Metal Chassis and Cabinet, Two I.F. Stages, Phone Jack—disconnects speaker when in use, Copper Plated Chassis for low R.F. resistance, Variable Coupling Antenna Coil, Full A.C. or Battery operation, sturdily constructed. Stable operation, may be used with doublet or single wire antenna. The power requirements are as follows: for filaments—6.3 or 2.5 volts A.C. or D.C. according to tubes used. For plates—250 volts D.C. (approximate) at 50 M.A., obtained from A.C. power pack or batteries. When headphones are used the 41 or 2A5 final audio tube may be removed from socket. The current drain is then reduced to 15 M.A. Dimensions—10" deep, 7" wide, 8" high. Metal cabinet crystalline finished. Shpg. wt. 22 lbs.
- YN13759**—List Price \$36.00. **Your Cost** ..... **\$21.60**

## Pre-Selector



Just what the "ham" and the short-wave listener have been waiting for; a consistently efficient "signal booster." This unit, using two stages of high gain '58 tubes, increases the signal input to any short wave receiver, be it TRF, superhet, or autodyne, and invariably boosts weak signals to R9 or R9 plus. The first stage is electron coupled regenerative, lending greatly to stability in operation. The regenerative control is variable to obtain maximum overall gain. Five major results are obtained from the use of the Pre-Selector. These are: first, **tremendous increase in signal gain**; second, **consequent increase in sensitivity**; third, **absolute rejection of image or repeat spots**; fourth, **considerable increase in selectivity**; fifth, **reduction of noise to signal ratio**. Pre-Selector uses built-in coils covering from 14 to 200 meters. Ranges are selected by means of a selector switch. The tuning dial is of the popular airplane type, with black background and white figures and pointer. Escutcheon is oxidized silver. Unit contains its own filament supply; installation consists of connecting output to "Ant" and "Gnd" of receiver, and connecting to B plus and ground for necessary plate supply. All connections made to terminal strip on rear of chassis. Entire unit housed in heavy gauge steel cabinet finished in black crackle. Size 7 1/4 x 9 1/2 x 10". Shpg. wt. 15 lbs.
- YN13760**—Peak Pre-Selector, complete less tubes **\$19.80**  
**Your Cost** ..... **\$9.90**
- Lafayette Tubes for above. **Your Cost** ..... **\$0.90**

WRITE FOR FREE COPY OF COMPLETE "HAM" CATALOG

# TRANSMITTING Accessories



## Transmitter Knobs

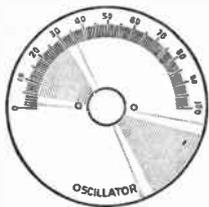


For use with the dials listed on this page. Will dress up transmitter panels or instrument panels. Constructed of the finest quality genuine bakelite. Have brass inserts for 1/4" shafts. Type C has white indicator line on skirt. Type D has no skirt. Available in sizes shown below.



- |  |            |  |            |
|--|------------|--|------------|
| YM13010—Type C. 3" diameter with skirt.<br><b>Your Cost Each</b> ..... | <b>30¢</b> | YM13013—Type D. 1 1/2" diameter with skirt.<br><b>Your Cost Each</b> ..... | <b>20¢</b> |
| YM13011—Type C. 2" diameter with skirt.<br><b>Your Cost Each</b> ..... | <b>24¢</b> | YM13014—Type D. 1 1/8" diameter with skirt.<br><b>Your Cost Each</b> ..... | <b>15¢</b> |
| YM13012—Type D. 2 3/8" diameter.<br><b>Your Cost Each</b> .....        | <b>24¢</b> |  |            |

## Etched Metal Dials



Highly polished nickel silver dials with deeply etched black numerals and divisions. Four inches in diameter, 1 1/8" mounting centers. Several different indicator knobs for these dials are listed elsewhere on this page. These dials do much to add that professional touch to your transmitter. They are available with various markings as listed below and are

- also obtainable blank. When ordering specify marking desired.
- |   |            |   |            |
|---|------------|---|------------|
| <b>Amplifier Plate, Amplifier Grid, Oscillator, Antenna, Buffer, Blank.</b><br>YH9858—Your Cost Each.....                         | <b>49¢</b> | <b>2 1/4" Diameter Dial</b><br>Same as above but smaller. Available marked Neutralization or Blank.<br>YH9857—Your Cost Each..... | <b>39¢</b> |
| <b>2 1/2" Diameter Dial</b><br>Same as above but smaller. Available marked Neutralization or Blank.<br>YH9857—Your Cost Each..... | <b>39¢</b> | <b>2 3/4" Diameter Dial</b><br>Same as 2 1/2" Dial, but only in one type: Gain.<br>YH9903—Your Cost Each.....                     | <b>29¢</b> |

## I.C.A. Vernier Dials



**3" Bakelite**  
Black Bakelite with eggshell finished dial. 3" diameter. One window. Clockwise rotation over 180° calibrated 0-100. Ratio 7 to 1. Friction drive—no backlash. Nickered hardware.

Fits 1/4" shaft. Easy to mount. Shpg. wt. 1 lb.  
YL12673—Your Cost.....

**88¢**

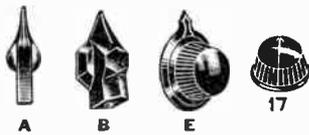
**4" Bakelite**  
A three window 4" black bakelite dial. Clockwise rotation through 180° calibrated 0-100. Ratio 9 to 1. Friction drive strong enough to drive a four gang condenser. Shpg. wt. 1 lb.  
YL12674—Your Cost.....



**\$1.03**

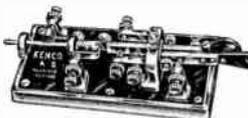
## BAKELITE DIAL KNOBS

A wide variety of highly polished bakelite knobs for use with any of the dials listed on this page. All have inserts for 1/4" shafts.



- |   |           |  |            |
|---|-----------|--|------------|
| YM13055—Type A. 2 1/4" long, 3/4" skirt.<br><b>Your Cost Each</b> ..... | <b>9¢</b> | YH9896—Type E. 1 1/2" diameter<br><b>Your Cost Each</b> .....                      | <b>14¢</b> |
| YM13056—Type B. 1 3/8" long, 3/4" skirt.<br><b>Your Cost Each</b> ..... | <b>7¢</b> | YH9885—Type 17. 1 1/8" diameter with arrow pointer.<br><b>Your Cost Each</b> ..... | <b>5¢</b>  |
| YM13054—Type B. 1 1/8" long, 3/4" skirt.<br><b>Your Cost Each</b> ..... | <b>9¢</b> | YH9886—Type 18. 1 1/2" diameter with arrow pointer.<br><b>Your Cost Each</b> ..... | <b>8¢</b>  |
| YH9895—Type E. 2 3/8" diameter.<br><b>Your Cost Each</b> .....          |           |  | <b>18¢</b> |

## New KENCO Speed Key



Has all of the features of the previous Model A key, but finished in black baked enamel. Also, now available at a considerable reduction in price. Ten adjustments provided for fine keying. Three adjustments for regulating from 5 words per minute to any desired speed. Can be suited to any style or "fist." Contacts are of tungsten and individually adjustable. Metal base not used for any circuit connections—permitting indiscriminate placement of key, or connection into any desired portion of the transmitter circuit. Overall dimensions 8 7/8" long, 4" wide and 2 3/4" high. A really great value in speed keys. Packed in wooden container to eliminate transportation breakage. Shpg. wt. 3 1/2 lbs.  
YH14042—List \$8.25 \$ **4.85**  
Your Cost.....

Write for a FREE copy of the new 1936 "Ham" Book. New parts—New Prices.

## DUNCO Radio Relays



A growing demand for smaller, more compact relays has led to the development of the RA1 and RD1 which, differing only in coil construction, have two isolated contacts suitable for operation in high or low voltage circuits at any frequency including short waves, broadcast frequencies, intermediate frequencies, voice frequencies, as well as 60 cycle or direct power circuits. RA1 has 60 cycle 2.5 volt coil; RD1, 5-6 volts D.C. Dimensions 1 1/2 x 2 x 1 1/8" deep. Shpg. wt. 2 lbs.

- |                  |               |
|------------------|---------------|
| YN14030—Type RA1 | <b>\$2.00</b> |
| YN14031—Type RD1 | <b>\$2.00</b> |

**NOTE:** We can supply original Martin Vibroplex Keys at typical W.R.S. prices. Immediate delivery.

## SIGNAL

### Practice Sets—Xmitting Keys



**High Frequency Set**  
Consists of a key and special high frequency buzzer mounted on a polished wood base. Connect a dry battery to the binding post on the set and it is ready to operate. A quick means of learning the code. Base 7x4 1/4". Shpg. wt. 2 lbs.  
YN14001—Your Cost Each **\$2.02**

**Amateur Key**  
Black, cast, base. Coin silver contacts. Nickered parts. Shpg. wt. 2 lbs.  
YN14009—Your Cost **88¢**



### X'Mitting Key

Designed especially for radio work. Arm, base, and supporting posts of heavy cast brass. Coin silver contact points. Shpg. wt. 2 lbs.  
Stock No. Contacts **Net Price**  
YN14002..... \$2.25  
YN14003..... 2.35  
YN14004..... 2.50

### Key with Switch



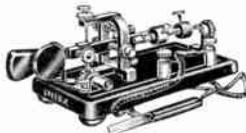
A telegraph key equipped with a switch to close contacts. Polished lacquered brass base. Shpg. wt. 4 lbs.  
YN14017—Your Cost **\$1.75**  
Same as above but less switch.  
YN14005—Your Cost **\$1.65**

### Twin Practice Set

Two way communication outfit, consisting of two Junior sets with 75 ft. of wire and an instruction manual. Can be operated between houses, etc. Shpg. wt. 6 lbs.  
YN14015—Your Cost **\$2.05**

## SPEED X

### Hi-Speed Keys



**Model 501**  
Speed key for amateurs and professionals. Adjustable from 8 words per minute to as high a rate as desired. Standard construction throughout. Solid silver coin contacts. Will hold adjustment at all speeds. Base and all parts chrome finished. Shpg. wt. 5 lbs.  
YN14028—Your Cost **\$7.35**

**Model 511**  
A smaller model especially designed for the amateur. Fully adjustable. All chrome finished. Shpg. wt. 5 lbs.  
YN14029—Each **\$6.17**

### SPEEDX Buzzer

Constant frequency buzzer for practice or modulation work. 2 ohms resistance. Shpg. wt. 1 lb.  
YN14021—Your Cost **64¢**



### Heavy Duty Key



For the experienced amateur and for the beginner who wants to start "right" this key is heartily recommended. It has 1/4" diameter solid coin silver contacts. Finest type insulation. All chrome plated. Heavy metal base. Shpg. wt. 4 lbs.  
YN14039—Your Cost **\$1.91**

### Amateur's Key



A high grade key designed especially for the amateur. Pure coin silver contacts. Bakelite base, all other parts chrome. Shpg. wt. 4 lbs.  
YN14040—Your Cost **\$1.12**

### Practice Key

An inexpensive key, carefully adjusted so as to have the feel of more expensive keys. Black base. All other parts chrome finish. Shpg. wt. 2 lbs.  
YN14041—Your Cost **80¢**

# X'TALS and ACCESSORIES

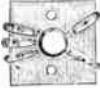
## MYCALEX Wafer Sockets



Especially designed for high frequency transmitters. All prongs are plated and rigidly riveted.  
**YM13116**—

4 Prong  
**YM13117**—5 Prong  
**YM13118**—6 Prong  
**YM13119**—8 Prong, small  
**YM13120**—7 Prong, large  
**Your Cost Each, 48¢**  
Any of Above Types

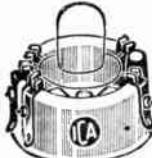
## Acorn Wafer Socket



Made of genuine Mycalex.  $1\frac{1}{4}$ " square. For both 954 or 955 tubes. Rugged springs for making continuous and efficient contact to the tube terminals.

Supplied with or without prongs.  
With Prongs  
**YM13171**—**58¢**  
Without Prongs  
**YM13172**—**53¢**  
**Your Cost Each**

## I.C.A. Acorn Tube Socket



Designed for 954 and 955 Acorn tubes. Insulex high frequency ceramic base. Size  $1\frac{1}{8}$ " diameter,  $\frac{3}{8}$ " high.

**YL12675**—**58¢**  
**Your Cost Each**

## I.C.A. Insulex Socket UX Type

Base mounting. For 10's, 52's, 66's, etc. Insulex insulation. Shpg. wt. 1 lb.  
**YL12636**—**39¢**  
**Your Cost**



## 50 Watt Socket

Low loss ceramic type. Especially suited for high frequency use. Well insulated. Shpg. wt. 1 lb.  
**YN14061**—**73¢**  
**Your Cost Each**



## BLILEY Crystal Holder

Crystal holder of molded bakelite to fit tube socket base. 20-40 meter and 80-160 meter types.  
**YM13038**—20-40 meter.  
**YM13099**—80-160 meter.  
**Your Cost, \$1.00**  
Either Type.



## ISOTEX Crystal Holder

Molded of Isotex, a superior ceramic high frequency insulating material, this new holder is an exceptionally fine value at this low price. Adjustable crystal pressure. Shpg. wt. 1 lb.  
**YM13557**—Standard  
**Your Cost 90¢**  
**YM13558**—With G.R. Type Plugs.  
**Your Cost 90¢**



## Trutest Oscillating Transmitting Crystals

Accuracy Guaranteed Within  $\frac{1}{10}$  of 1% or Better



Fundamental frequency-control is now possible with these Trutest quartz crystals. Carefully ground from the finest quartz obtainable to precision thickness. Approximately 1" square with rounded corners. X or Y cut and accurate to within one-tenth of 1% or better. Specify



Cut from Virgin Quartz

frequency and cut desired and we will supply nearest **STOCK** crystal calibrated.

Stock No.	Freq. K.C.	Your Cost	Stock No.	Freq. K.C.	Your Cost
<b>YM13501</b>	7000-7300	<b>\$3.75</b>	<b>YM13503</b>	1700-2000	<b>\$2.65</b>
<b>YM13502</b>	3500-4000	<b>2.65</b>	<b>YM13504</b>	500-1700	<b>3.95</b>

## A-T Cut Crystals

The new Trutest A-T cut crystals have approximately two to three times the power output of the X-cut crystals. Two types are available; one having a drift of less than 10 cycles per degree per megacycle. The other, slightly higher in cost, has a drift of less than 4 cycles per degree per megacycle. It will thus be readily seen that for all ordinary purposes no oven is required for accurate frequency control. Both types are guaranteed calibrated to any accuracy of one-tenth of 1%.

**YM13535**—80 and 160 meter bands. Drift less than 10 cycles per degree per megacycle. **\$3.25**

**Your Cost Each**  
**YM13536**—80 and 160 meter bands. Drift less than 4 cycles per degree per megacycle. **\$4.75**

**Your Cost Each**  
**YM13537**—40 meter band. Drift less than 4 cycles per degree per megacycle. TO ORDER ONLY. **\$8.50**  
**Your Cost Each**

## Single Signal Quartz Receiver Filter

Used in signal receivers with I.F. transformers tuned between 525 and 465 kilocycles. Specify frequency.

**YM13459**—525 to 465. **Your Cost \$3.95**  
100 K.C. Frequency Standard Bar

Used for checking frequency calibration. Very accurate. **\$5.95**  
**YM13460**—100 K.C. **Your Cost**

## Oscillating Quartz Blanks

High quality quartz blanks about 1" square with rounded corners. These crystals are practically finished but have not been calibrated. Furnished X or Y cut for 80 meter band. Specify cut. **\$1.75**  
**YM13461**—**Your Cost**

## New RCA V-Cut Crystal and Ceramic Holder



Entirely new cut. Plates are 27% thicker than Y-cut, and only slightly thinner than X-cut plates. Finest Brazilian quartz used. Power output in excess of both X and Y cut plates. Temperature coefficient 2 cycles or less per million per degree Centigrade (between 10 and 60°). Accuracy of calibration .005%. **Frequencies available from 3.5 to 4.0 M.C.** Will be supplied within plus or minus 5 K.C. of frequency specified in this band, or your choice from stock. The ceramic holder uses the pressure-airgap principle. Pressure contact on sides allows free oscillation in center. Electrodes of nickel silver. Standard spring contact pins,  $\frac{3}{4}$ " spacing. Springs may be removed. Size  $1\frac{1}{2} \times 3$ ".

**YN13583**—RCA V-Cut Crystal and Ceramic Holder **\$12.00**  
**Your Cost**  
**YN13584**—Ceramic Holder Only. **Your Cost \$2.00**

## BLILEY Mounted Crystals

A new mounted crystal of the X-cut power type having a calibration accurate to .03%. It is a more powerful special size crystal and has less frequency drift while warming up. Supplied to your specified frequency as listed below. Shpg. wt. 1 lb.

Stock No.	Freq. Meters	+ -10 K.C.	+ Within -5 K.C.	+ -1 K.C.	Exact
<b>YM13531</b>	40 or 80	<b>\$3.95</b>	<b>\$4.90</b>	<b>\$5.90</b>	<b>\$7.50</b>
<b>YM13532</b>	160	<b>4.80</b>	<b>5.80</b>	<b>6.80</b>	<b>8.40</b>

## New Type LD2 Mounted Crystal

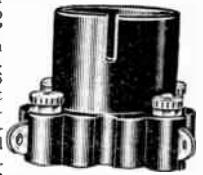
A new type of mounted crystal manufactured on an entirely new principle. Oven equipment not necessary. Mounted in improved sealed holder. Guaranteed .03% calibration accuracy. Less than 8 cycles / megacycles / °C. drift less than an X-cut crystal. Supplied within 1% of your desired frequency. Specify frequency desired. Shpg. wt. 1 lb.  
**YN13585**—**\$4.80**  
**Your Cost Each**

## NOTE

We can supply Trutest or Bliley crystals for commercial frequencies. We can also supply quartz specialties such as: Lenses, filters, etc. Write regarding your requirements.

## CAMFIELD "866" Socket

We all know to "hams" for high quality. This 866 socket constructed of genuine molded bakelite. Has both solder lug and binding post terminals. Suitable for type 10, 50, etc. tubes. Standard UX base. Shpg. wt. 1 lb.  
**YN14010**  
**Your Cost Each 29¢**



## I.C.A. Giant Transmitting Socket



Will fit any giant-5 pinbase tube such as RCA 803, Sylvania 803A, Raytheon RK28, etc. Sturdy contacts of phosphor bronze, cadmium plated. Base of low-loss ceramic material. Three oval shaped ears facilitate panel or sub-panel mtg.  
**YN14011**—**\$1.18**  
**Your Cost Each**

## I.C.A. Type 802 Transmitter Socket

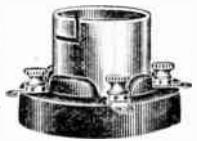


Primarily designed for the 802 tube. Base of heavy ceramic material. Has 7 phosphor bronze springs and will fit all

small or large 7 prong tubes. Base mounting.  
**YN14012**—**Your Cost 32¢**

## JOHNSON X-mitting Sockets

Porcelain base, polished nickel shell. Dual wiping contacts. UX and 50 watt sizes. Shpg. wt. 2 lbs.



**YN14160**—UX Base. **73¢**  
**Your Cost Each**  
**YN14161**—50 watt size **\$1.03**  
**Your Cost Each**

## Lafayette Crystal Holder

A new all-metal crystal holder. Dissipates crystal heat more readily than the bakelite type. Isolantite insulation. Thumb nut pressure control. Fits standard



5 prong socket. Shpg. wt. 1 lb.  
**YM13561**—**\$1.49**  
**Your Cost**

## Adjustable X'tal Holder

Molded bakelite holder. Thumb screw adjustment. Shpg. wt. 1 lb.  
**YM13559**—Standard  
**YM13560**—With G.R. type plugs.  
**Your Cost Each, 79¢**  
Either Type



Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# Hammarlund VARIABLE CONDENSERS

## Midget Condensers



Soldered, non-corrosive plates, sturdy frame, fitted bearings. Isolantite insulation. Four point bronze wiping contacts, eliminates pigtails. Vibration-proof construction. Bushing lock for fixed frequency work. Panel and base mounting. Individually tested on 500 volts A.C. Shpg. wt. 3 lbs.

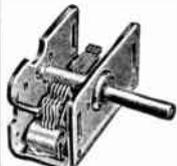
Stock No.	Plates	Min. Mmf.	Max. Mmf.	List	Net
YH8503*	3	3	20	\$1.40	\$0.82
YH8504*	5	4	35	1.50	.88
YH8505*	7	5	50	1.60	.94
YH8506	11	6	80	2.00	\$1.18
YH8507*	11	6	80	2.00	\$1.33
YH8508*	14	6	100	2.25	1.47
YH8509	14	6	100	2.25	1.62
YH8510	19	7	140	2.50	1.76
YH8511	27	10	200	2.75	1.62
YH8512	34	10	260	3.00	1.76
YH8513	43	12	320	3.50	2.06

\* Semi Circular Plates; others Midline Plates.

## Dual Midget Condensers

YH8519—140 mmf. per section **\$2.36**  
List \$4.00. Your Cost  
YH8520—100f. mm per section **\$2.06**  
List \$4.40. Your Cost

## Compact Junior Condensers for S. W. and Broadcast



Exceptionally compact yet highly efficient. Ball bearings rotors. Shaft 1/2" diameter, 1 1/2" long. Aluminum plates, brass supports. One gang units 1 1/2"x2 3/8"x1 5/8"; special three gang condenser for either TRF or super-

het short wave sets 3 1/2"x2 3/8"x1 5/8".

Stock No.	Cap.	Gangs	Wt. Lbs.	Your Cost
YH9762	.0001	1	1	<b>58¢</b>
YH9763	.00014	1	1	
YH9764	.00025	1	1	
YH9765	.000365	1	1	
YH9766	.00014	3	2	

## Air Padding Condensers

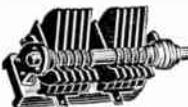


Isolantite mounted air padding condensers that will fit 1 1/4" diameter cans. Have .015" air gap. Screwdriver adjustment. Sizes are available from 25 to 100 mmds. providing suitable values for any purpose.

Stock No.	Cap. Mmfd.	Your Cost
YH8623	25	\$0.76
YH8624	50	.88
YH8625	75	1.00
YH8626	100	1.12

## Double Spaced Midgets

Especially designed for use in transmitters. Actual air-gap between rotor and stator is .0715". Midline plates, special bearings, and Isolantite insulation.



Stock No.	Max. Cap.	Min. Cap.	Your Cost
YH8488	35	6	\$1.32
YH8489	50	7	1.62
YH8490*	35	6	2.06

\* Dual Condenser rating is each section.

## Thru-test

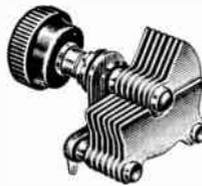


## Midget Condensers

Light weight, strong and compact. Low loss construction. Non-corrosive aluminum plates with bakelite insulation. For single hole mounting, 1/2" shaft Bakelite knob with each. Shpg. wt. 1 lb.

Stock No.	Capacity		Plates	Your Cost
	Min.	Max.		
YH9724	3	15	3	\$0.32
YH9728	4	30	5	.32
YH9729	5	40	7	.40
YH9731	6	80	11	.45
YH9727	7	100	14	.48
YH9714	8	140	20	.58
Double Spaced				
YH9706	4	35	10	.58
YH9707	6	50	16	.58

## Star Midget Condensers



A popular low priced midget for short wave transmitters, receivers, etc. Light in weight, strong, compact in construction and smooth in operation. Low loss bakelite insulation and non-corrosive aluminum plates.

Single hole mounting, 1/2" shaft, 1 3/8" wide, 1 1/2" high. Depth behind panel from 1 1/8" to 1 1/2" depending on capacity. 1" bakelite knob supplied with each condenser ordered. Wiping spring contact to rotor plates doubly insures perfect electrical contact so essential when used on short and ultra-short waves. Available in sizes that permit its use in any type of S. W. receiver. Shpg. wt. 1 lb.

Stock No.	Capacity Mmfd.	Depth	Your Cost
YH8482	15	1 1/8"	<b>50¢</b>
YH8483	25	1 1/8"	
YH8484	50	1 1/8"	
YH8485	100	1 1/8"	
YH8486	140	1 1/8"	
YH8487*	35	1 1/2"	.59

\* Double spaced Transmitting condenser.

## ICA Universal Midget



Insulated with an lead end plate of Insulux. Contact to rotor is made through a special cupped spring. Assuring noiseless operation. Removable shafts, lock nuts to lock shaft in fixed position and screwdriver

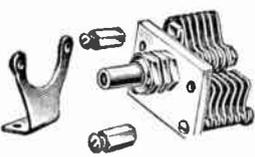
Stock No.	Cap. Mmfd.	Spacing	Shpg. wt. 1 lb.	slot adjustment.		Your Cost
				Cap.	Spacing	
YH9752	15	.026"				\$0.50
YH9753	25	.026"				.55
YH9754	50	.026"				.62
YH9755	100	.026"				.67
YH9756	140	.026"				.88
YH9757*	35	.077"				1.03
YH9758*	50	.077"				1.32

\* X'mtt'g types for neutralizing and tuning.

# CARDWELL CONDENSERS

## New "Trim-Air Midgets"

An entirely new and unique design in midget condensers. Regularly supplied with a detachable shaft, rotor locking nut, and panel mounting nut. The shaft extension may be removed, leaving the screwdriver slot for permanent adjustment and locking of the rotor if desired. Two or more condensers can easily be ganged together. Shpg. wt. 2 lbs.

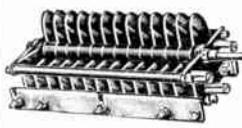


Mounting bracket with screws and nuts. **6¢**  
YH8638—Your Cost  
Extension shafts for ganging condensers. **5¢**  
YH8639—Your Cost  
Mtg. posts with screws and lock-washers. **6¢**  
YH8640—Your Cost, per Pair

Stock No.	Max. Cap.	Min. Cap.	Your Cost
YH8631	15	1.5	\$0.58
YH8632	25	2.0	.73
YH8633	35	2.5	.79
YH8634	50	2.8	.85
YH8635	75	2.7	.91
YH8636	100	2.9	.94
YH8637	140	4.5	1.68

Special Cardwell transmitting condensers made to your specifications. Send in your plans—we shall be glad to quote prices.

## Transmitting Condensers



These condensers are finely made, mostly by hand, and with extreme precision. They are individually

tested, aligned and checked. Accurately rated and extremely rugged. The details of construction of a single and double condenser are identical. However, the double condensers have 1.6 to 2.1 times the flashover rating of the single condenser. Also, due to consideration given to their applications the higher maximum capacities were designed as high as practicable to permit smaller inductances in tank circuits operating at 2,000 K.C. Both units employ Mycalex insulation, heavy construction, and liberal plate spacing. "P" or "R" after number of plates specified for each, indicates "plain" or "rounded" plates.

SINGLE CONDENSERS				
Stock No.	Type	Max. (mmf.)	No. Plates	Your Cost
YH8603	XT-220-PS	220	21-P	\$2.35
YH8641	XP-90-KS	90	11-R	2.65
YH8642	XP-165-KS	165	19-R	3.82
YH8609	XG-110-KS	110	23-R	5.29
YH8643	XC-65-XS	65	65-R	5.59
YH8644	XC-100-XS	100	25-R	6.76
DOUBLE CONDENSERS				
Stock No.	Type	Max. (mmf.)	No. Plates	Your Cost
YH8617	XT-210-PD	210	21-P	4.70
YH8610	XG-110-KD	110	23-R	10.58
YH8645	XC-40-XD	40	11-R	7.64
YH8646	XC-75-XD	75	19-R	10.00
YH8647	XP-90-RD	90	....	4.41
YH8648	XP-165-KD	165	....	6.47

## Midway Featherweight



Especially suited for aircraft equipment, portable sets, receivers, transmitters and oscillator-amplifiers where weight and space are a factor. Very finely constructed—no swagged rivets or eyelet heads to become slack. Aluminum is used throughout with the exception of bearings. A Real Condenser—not a midget. Shpg. wt. 2 lbs. Receiving types, listed below, have .031 air gap and are also suitable for low-powered transmitters.

Single Units				Double Units			
Stock No.	Your Cost	Type	Pl. No.	Cap. Mmf.	Stock No.	Your Cost	Pl. No.
YH8563	\$1.35	MR-25-B	3	26	YH8583	\$2.32	3
YH8564	1.41	MR-50-B	5	50	YH8584	2.47	5
YH8565	1.50	MR-70-B	7	70	YH8547	2.59	7
YH8566	1.56	MR-105-B	11	105	YH8548	2.71	11
YH8567	1.62	MR-150-B	15	150	YH8549	2.82	15
YH8568	1.65	MR-260-B	25	260	YH8585	2.94	25
YH8569	1.94	MR-365-B	35	365			

Have .070 air gap, rounded plates. Suitable for transmitters using up to 100 watt C.W. or 30 watt carrier with 100% modulation.

TRANSMITTING TYPES			
Stock No.	Your Cost	Type	Max. Mmf. Pl. No.
YH8550	\$1.70	MT-20-GS	20
YH8551	1.82	MT-35-GS	35
YH8552	2.06	MT-50-GS	50
YH8553	2.35	MT-70-GS	70
YH8554	2.59	MT-100-GS	100
YH8555	3.24	MT-150-GS	150

YH8619 \$1.68  
YH8620 1.82  
YH8621 2.06  
YH8586 2.32  
YH8587 2.59  
YH8588 3.23



# Everything for the HAM



## CORNELL-DUBILIER OIL-FILLED CONDENSERS



### Type "TA" Condensers

The use of Dykanol, a new impregnator having high dielectric strength and high dielectric constant is responsible for the compactness and high efficiency of these condensers. Specially designed for amateur transmitters. The impregnator used is non-inflammable and eliminates the fire hazard. Height 4", length 3 3/4", width of 1 mfd. unit 1 1/4", of 2 and 4 mfd. units 2 1/4". Insulator 1 1/4" high. Shpg. wt. 5 lbs.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
YD2982	4	2000	\$6.47	YD2983	1	2500	\$8.23
				YD2984	2	2500	10.00



### Type "TC" Condensers

Dykanol impregnated and filled high voltage transmitting condensers. Can be operated continuously at voltages and ambient temperatures which are destructive to condensers using ordinary impregnators. 5 3/8" long, 3 3/4" wide, height as noted. Shpg. wt. 17 lbs.

Stock No.	Cap. Mfd.	Wkg. Volts	Ht.	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Ht.	Your Cost
YD2987	1	3000	3 3/8"	\$10.59	YD3007	.5	5000	4 3/4"	14.70
YD2988	2	3000	6"	13.53	YD2992	1	5000	9 1/4"	17.64
YD2989	4	3000	9 3/8"	17.64	YD3008	.5	6000	6"	31.75
YD2990	1	4000	4 3/8"	15.29	YD2993	1	6000	9 1/4"	37.06
YD2991	2	4000	9 3/8"	17.64	YD3009	2	6000	12"	60.98
					YD3012	4	6000	12"	74.10

### Porcelain Cased Micacs—Type 86

Ceramic casing insulates condenser from interfering ground capacity and prevents field absorption—hence lower R.F. resistance.



Stock No.	Cap. Mfd.	Max. A.C.	Volts D.C.	Your Cost
YD4143	.00005	10,000	12,500	\$2.21
YD4144	.0001	10,000	12,500	
YD4145	.00025	10,000	12,500	
YD4146	.0005	5,000	7,000	
YD4147	.001	2,500	3,500	\$2.79
YD4181	.0015	5,000	7,000	
YD4148	.0015	10,000	12,500	3.24
YD4149	.002	5,000	7,000	3.09
YD4150	.003	5,000	7,000	3.53
YD4151	.005	5,000	7,000	\$4.12
YD4152	.01	2,500	3,500	
YD4153	.02	2,500	3,500	5.14

### Type "TD" Oil-Filled Condensers

These extremely compact special oil impregnated and filled condensers are the latest development by the Cornell-Dubilier Co. Particularly suited for Transmitters, Amplifiers, etc. 1" long, 1" wide. Shpg. wt. 1 lb.



Stock No.	Cap. Mfd.	Wkg. Volts	Ht.	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Ht.	Your Cost
YD2994	1	600	2 1/8"	\$1.03	YD2999	1	1500	2 1/8"	\$2.21
YD2995	2	600	2 1/8"	1.62	YD3000	2	1500	4 3/8"	3.67
YD2996	4	600	4"	2.65	YD3005	4	1500	4 3/8"	5.29
YD2997	1	1000	2 1/8"	1.47	YD3001	1	2000	4 3/8"	3.09
YD2998	2	1000	4"	2.65	YD3003	2	2000	4 3/8"	4.70
YD3004	4	1000	4 3/8"	4.12					

### SANGAMO Mica Condensers

Designed for the average low and high powered transmitters. Dielectric of the finest ruby mica. Cased in low-loss moulded bakelite.



1000 V.D.C. Test

Stock No.	Cap. Mfd.	Your Cost
YD3050	.0004	23°
YD3051	.0005	
YD3052	.0001	16°
YD3054	.0015	
YD3055	.00025	29°
YD3056	.00025	
YD3058	.00035	35°
YD3060	.0005	
YD3048	.0007	\$0.15
YD3061	.001	.20
YD3063	.0015	29°
YD3064	.002	
YD3066	.003	35°
YD3068	.004	
YD3069	.005	.41
YD3070	.006	.50
YD3072	.008	.59
YD3073	.01	.67
YD3074	.012	.70
YD3075	.015	.72
YD3766	.02	1.09

2500 V.D.C. Test

Stock No.	Cap. Mfd.	Your Cost
YD3771	.0005	41°
YD3772	.001	
YD3773	.0015	50.53
YD3774	.002	
YD3775	.0025	.79
YD3776	.005	
YD3777	.0015	.91
YD3778	.002	.91
YD3779	.003	1.03
YD3780	.004	1.03
YD3781	.005	1.65
YD3782	.01	2.03
YD3783	.015	2.32
YD3784	.01	2.32
YD3785	.015	
YD3786	.02	

5000 V.D.C. Test

Stock No.	Cap. Mfd.	Your Cost
YD3085	.00005	.39
YD3076	.0005	.73
YD3077	.0001	.53
YD3078	.00015	.59
YD3079	.00025	.62
YD3080	.0002	.62
YD3081	.002	1.32
YD3082	.001	.88
YD3084	.0015	1.15
YD3761	.003	1.62
YD3762	.004	1.85
YD3763	.005	1.94
YD3764	.006	2.96
YD3765	.01	2.41

### CORNELL X-Mitting Micacs

Designed to meet the requirements of power amplifiers and low-power transmitters. Used principally as grid or plate-blocking condensers, as well as for the by-passing of R.F. currents. Tested at more than double the working voltage.



Test Voltage—1000 Volts D.C. Working Volts—600				Test Voltage—2500 Volts D.C. Working Volts—1200			
Stock No.	Cap. Mfd.	Your Cost		Stock No.	Cap. Mfd.	Your Cost	
YD4154	.0001	23°		YD3700	.0001	41°	
YD4155	.0002			YD3701	.0002		
YD4156	.00025	35°		YD3702	.00025	\$1.03	
YD4157	.0005			YD3703	.0005		
YD4158	.001	29°		YD3704	.001	.80	
YD4159	.002			YD3705	.002		
YD4160	.003	41°		YD3706	.003	.91	
YD4161	.005			YD4164	.005		
YD4162	.006	50c		YD4165	.006	\$1.03	
YD4163	.01			YD3707	.01		
Test Voltage—5000 Volts D.C. Working Volts—2000				Test Voltage—5000 Volts D.C. Working Volts—2000			
YD3708	.0001	\$0.53		YD3712	.001	\$0.88	
YD3709	.0002	62°		YD3713	.002	1.33	
YD3710	.00025			YD4184	.005	1.95	
YD3711	.0005	.73		YD3714	.01	2.41	

A further listing of Cornell-Dubilier Transmitting Condensers will be found on page 142.

### Special "High Voltage" Dry Electrolytic Filter Condensers

800 Volts Working—1000 Volts Peak



Especially designed for Amateur use; can also be used for Industrial purposes. Fully shielded in metal containers with insulated leads. Have excellent power factor, leakage and capacity characteristics (entirely new method of construction). Their compact size makes them readily adaptable to all equipment.

Stock No.	Cap'y Mfd.	H.	W.	D.	Your Cost
YD4192	2	5"	2 1/4"	1 3/4"	\$0.79
YD4193	4	5"	2 1/4"	1 3/4"	.89
YD4194	8	5"	2 1/4"	1 3/4"	1.39

### Truest Transmmitting Condensers—At New Low Prices

Oil impregnated paper dielectric. Finest foil obtainable. Housed in heavy metal container wax filled and sealed. Black japanned finish. Terminals are mounted on porcelain insulators and equipped with soldering lugs. Especially designed for use in transmitters and high power amplifiers. Size 5x2 1/2" to 2" according to capacity. Average shpg. wt. 3 lbs.



Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
YE3234	1	1000	\$1.10	YE3237	2	1500	\$2.00
YE3235	2	1000	1.50	YE3238	1	2000	1.75
YE3236	1	1500	1.45	YE3239	2	2000	2.45

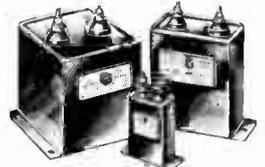
### SPRAGUE Oil Immersed Condensers



These condensers are oil impregnated, oil filled and sealed so that there can be no leakage. Besides capacity and voltage ratings, all units are clearly marked as to type of filter circuit and output voltage with which they may be used, making it unnecessary to use higher voltage ratings than needed. Employ cylindrically wound foil such as that formerly used in only the most expensive condensers. Provided with isolantite insulator connections and come with mounting clamp. Average shpg. wt. 3 lbs.

Stock No.	Cap. Mfd.	Working Volts	Your Cost
YD4233	1 mfd.	1000 volts.	\$1.47
YD4230	2 mfd.	1000 volts.	\$2.65
YD4231	2 mfd.	2000 volts.	\$4.70
YD4232	4 mfd.	1000 volts.	\$4.12

### Radio Transmitter Capacitors



For continuous operation at voltages up to 10% above rated values. G.E. quality—Pyranol treated.

Stock No.	Cap. Mfd.	D.C. Working Volts	Your Cost
YD3753	1	1000	\$1.76
YD3754	2	1000	2.65
YD3755	4	1000	4.12
YD3756	1	1500	2.20
YD3757	2	1500	3.67
YD3758	4	1500	5.30
YD3759	1	2000	3.09
YD3760	2	2000	4.70
YD3764	4	2000	5.39

**We Will Not Knowingly Be Undersold**

# THORDARSON Transmitting Transformers



Type A



Type B



Type C

Thordarson Engineers present these power transformers and associated filter chokes as the essential units of complete power supplies for operation of every amateur transmitter. Within the range of voltage and current outputs provided by these power supplies are covered needs of practically every amateur transmitter from those using 46's to 851's. Thordarson again takes the lead by rating all high voltage transformers at the actual D.C. watts output, when used with a recommended filter system. No longer must the amateur be guided by A.C. secondary voltage-current ratings that are meaningless in terms of performance.

## Chokes Smoothing Chokes Filter

**YA420**—150-M.A. filter choke, for use with XA415—or similar input choke. 19.7 henries at rated current. 2000-volt insulation. D.C. resistance, 275 ohms. Type H mtg. Shpg. wt. 8 lbs. **Your Cost \$3.53**

**YA423**—500-M.A. filter choke for use with XA419—or similar input choke. 16.5 henries at rated current. 5000-volt insulation. D.C. resistance, 110 ohms. Type D mtg. Shpg. wt. 29 lbs. **Your Cost \$10.00**

## Swinging Chokes (Input)

**YA415**—150 M.A. choke, to be used with the XA414 plate transformer. 30.3 henries dry—9.85 henries at 150 M.A., 2000-volt insulation. D.C. resistance, 200 ohms. Type H mounting. Shpg. wt. 7 lbs. **Your Cost \$2.94**

**YA259**—A 200-M.A. choke. Inductance 5 henries at 200 M.A., 1600-volt insulation. D.C. resistance 80 ohms. Has screw terminals. Type H mounting. Shpg. wt. 4 lbs. **Your Cost \$2.94**

**YA416**—400 M.A., for use in class "B" 03A supply. 40 henries dry—25.6 henries at 400 M.A., 3000-volt insulation. D.C. resistance, 118 ohms. Type D mtg. Shpg. wt. 35 lbs. **Your Cost \$10.58**

**YA421**—A 250-M.A. choke for use with XA417—or similar input choke. 23.6 henries at rated current. 5000-volt insulation. D.C. resistance, 190 ohms. Type D mtg. Shpg. wt. 15 lbs. **Your Cost \$5.88**

**YA422**—380-M.A. filter choke for use with XA418—or similar input chokes. 20 henries at rated current. 5000-volt insulation. D.C. resistance, 160 ohms. Type D mtg. Shpg. wt. 30 lbs. **Your Cost \$9.40**

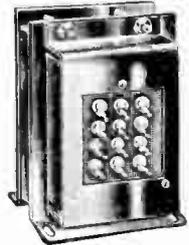
**YA417**—A 250-M.A. choke, to be used with XA410—or similar plate transformers. 19 henries dry—12.35 henries at 250 M.A., 5000-volt insulation. D.C. resistance, 95.3 ohms. Type D mtg. Shpg. wt. 13 lbs. **Your Cost \$5.00**

**YA418**—A 380-M.A. choke for use with XA407—or similar plate transformers. 19 henries dry—10.4 henries at 380 M.A., 5000-volt insulation. D.C. resistance, 93 ohms. Type D mtg. Shpg. wt. 20 lbs. **Your Cost \$7.06**

**YA419**—A 500-M.A. choke. 17 henries dry—8.23 henries at 500 M.A., 5000-volt insulation. D.C. resistance, 70 ohms. Type D mtg. Shpg. wt. 24 lbs. **Your Cost \$8.24**



Type D



Type F



Type H

## Plate Transformers

**YA407**—Provides 1-K.W. input. Actual D.C. rating—3000 volts at 380 M.A. Sec. A.C.—3630 volts. A husky, air-cooled transformer, weighing 70 lbs. Type A mtg. Shpg. wt. 85 lbs. **Your Cost \$38.22**

**YA408**—Similar to the above, but with a D.C. rating of—2000 volts at 500 M.A. Sec. A.C.—2420 volts. Type A mtg. Shpg. wt. 65 lbs. **Your Cost \$32.92**

**YA409**—D.C. rating of 2000 volts at 250 M.A. Type B mtg. Shpg. wt. 65 lbs. **Your Cost \$21.16**

**YA410**—Especially designed for the 800 tubes. D.C. rating—1000 or 1250 volts at 280 M.A. Sec. A.C.—1290 and 1600 volts. Type B mtg. Shpg. wt. 43 lbs. **Your Cost \$13.52**

**YA360**—Especially designed for the 801 tubes. D.C. rating—600 volts at 250 M.A. Sec. A.C. 800 volts each side. C mtg. Shpg. wt. 16 lbs. **Your Cost \$7.06**

**YA407, 408 and 409** have double primaries for 110 and 220 volts so that power may be reduced.

**YA362**—For 203A, 211, 845, 800, etc. tubes. D.C. rating 1000 or 1250 volts at 500 M.A. Sec. A.C. 1333 and 1610 volts each side. Type B mtg. Shpg. wt. 44 lbs. **Your Cost \$23.52**

**YA411**—Provides 1000 volts. D.C. at 500 M.A. with choke input. Sec. A.C.—1335 volts. B mtg. Shpg. wt. 43 lbs. **Your Cost \$20.58**

**YA412**—Designed for the new 750-volt tubes. D.C. rating—750 volts at 350 M.A. Sec. A.C.—980 volts. Type B mtg. Shpg. wt. 31 lbs. **Your Cost \$10.58**

**YA413**—Provides 1000 volts at 400 M.A., through suitable filter. Sec. A.C.—1270 volts. B mtg. Shpg. wt. 34 lbs. **Your Cost \$12.94**

**YA361**—Designed for 210, 801, 865, etc. tubes. D.C. rating 525 volts at 250 M.A. Sec. A.C. 725 volts each side. C mtg. Shpg. wt. 17 lbs. **Your Cost \$5.88**

**YA414**—Supplies through a filter, 525 volts D.C. at 150 M.A. Sec. A.C.—725 volts. Type C mtg. Shpg. wt. 12 lbs. **Your Cost \$5.29**

## Filament Transformers

**All secondaries have center taps.** The transformers listed in the column below have primaries tapped for 105-110-115 volts, 60 cycles A.C.

**YA441**—7½ volts at 2½ amps. Type H mtg. Shpg. wt. 7 lbs. **Your Cost \$2.06**

**YA442**—10 volts at 6½ amps. Type H mtg. Shpg. wt. 7 lbs. **Your Cost \$3.24**

**YA443**—11 volts at 10 amps. Type H mtg. Shpg. wt. 9 lbs. **Your Cost \$4.12**

**YA444**—Four secondaries: 10 volts at 3½ amps., 10 volts at 6½ amps., 7½ volts at 1¼ amps., 2½ volts at 5 amps. Type F mtg. Shpg. wt. 10 lbs. **Your Cost \$6.76**

**YA445**—Three secondaries: 7½ volts at 4½ amps., 7½ volts at 6½ amps., and 2½ volts at 4 amps. Type F mtg. Shpg. wt. 10 lbs. **Your Cost \$5.30**

The transformers listed in the column below have 115 volt, 60 cycle A.C. primaries.

**YA446**—11 volts at 15½ amps. Type C mtg. Shpg. wt. 7 lbs. **Your Cost \$5.30**

**YA447**—5 volts at 25 amps. 10,000-volt insulation. Type B mtg. Shpg. wt. 7 lbs. **Your Cost \$10.58**

**YA448**—Two secondaries. 2½ volts at 10½ amps., 4 volts at 3 amps. 3000-volt insulation. Type F mtg. Shpg. wt. 7 lbs. **Your Cost \$3.53**

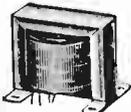
**YA449**—2½ volts at 10 amps. 1600-volt insulation. Type H mtg. Shpg. wt. 7 lbs. **Your Cost \$2.65**

**YA450**—2½ volts at 10 amps. 7500-volt insulation. Type H mtg. Shpg. wt. 7 lbs. **Your Cost \$3.53**

**YA451**—7½ volts at 6½ amps. Type H mtg. Shpg. wt. 7 lbs. **Your Cost \$2.94**

**YA452**—5 volts at 3 amps. Type H mtg. Shpg. wt. 7 lbs. **Your Cost \$2.06**

## THORDARSON Transceiver Transformers



**YA363—Output Transformer**—To couple a single Pentode tube (47, 42, etc.) to low or high impedance phones. Open type with leads. Compact enough to fit practically any type of transceiver; size only 2½ x 1½". Shpg. wt. 1 lb.

**YA377—Audio Transformer**—Combined audio and single button microphone transformer. For 200 ohm carbon mike. Open type mounting with insulated leads for direct connections. Size: 2½ x 1½".

Shpg. wt. 1 lb.  
**Your Cost Each, Either Type**

**97¢**



## THORDARSON High Power Transformer

Upright mounting type with long color coded leads. Fully shielded. Supplies all plate and filament voltages. Ideal for use in low power transmitters. Has the following windings: High voltage delivers 1200 volts c.t. at 200 M.A.; 2.5 volts c.t. at 10 amps.; 7.5 volts c.t. at 3 amps.; 5 volts at 3 amps. (for rectifier). Primary for 115 volts, 50-60 cycles A.C. Size 5x4x1½". Mtg. centers 3x3¾". Shpg. wt. 12 lbs. **YA226—Your Cost \$2.45**

# UTC

## Transmitting TRANSFORMERS

TYPE  
P.A.  
MTG.



Originally developed for and used by commercial telephone and telegraph communication and broadcast systems U.T.C. transmitting transformers and chokes are now available to the amateur at prices he can afford to pay. Using the finest of materials, the units listed below have been developed and tested in operating circuits. Maximum efficiency is realized.

Type PA-1 overall dimensions are: 2 1/2 x 3 x 3"; PA-2: 3 1/2 x 4 1/2 x 3". PA-3: 3 3/4 x 4 3/4 x 3"; PA-4: 6 x 4 1/2 x 4 3/4"; PA-5: 7 x 5 3/4 x 5 1/2".

### Universal Output Modulation Chokes

All are equipped with a variety of impedance matching taps.

**YE5554**—20 watt. For class B 46, 59, 53, 6A, 6, 79, etc., or class A 2A3, 250, 210; class A Prime 42, 45's, etc. P.A.-2 mtg. Shpg. wt. 5 lbs.  
**Your Cost**..... **\$4.20**

**YE5555**—50 watt. For Class B 210, 801, 830, 841, P.P.P., 46, 59, 6A6, P.P.P., A Prime 45, P.P.P., 250, 2A3, etc. P.A.-3 mtg. Shpg. wt. 8 lbs.  
**Your Cost**..... **\$7.50**

**YE5556**—100 watt. For Class B 800, 211E, A Prime 845, 284A, etc. P.A.-4 mtg. Shpg. wt. 10 lbs.  
**Your Cost**..... **\$12.00**

**YE5557**—200 watts. For Class B 203, 830B, HK354, single Eimac 150T, P.P.P., A Prime 845, 284A, P.P.P. 800, etc. P.A.-5 mtg. Shpg. wt. 15 lbs.  
**Your Cost**..... **\$19.50**

**YE5558**—500 watt. For Class B 204, A Prime 849, Eimac 150T, P.P. 212 D in A Prime, etc. UTS case. Shpg. wt. 20 lbs.  
**Your Cost**..... **\$48.00**

### Filament Transformers

50/60 cycle primaries tapped at 105-115, 220, 230 volts.

**YE5543**—2.5 V. C.T. at 10 amps. P.A.-2 mtg. 5000 V. insulation. Shpg. wt. 5 lbs.  
**Your Cost**..... **\$4.50**

**YE5544**—5 V. C.T. at 20 amps. 10,000 V. insulation. P.A.-3 mtg. Shpg. wt. 8 lbs.  
**Your Cost**..... **\$8.40**

**YE5545**—7.5 V. C.T. at 6.5 amps. 5000 V. insulation. P.A.-3 mtg. Shpg. wt. 6 lbs.  
**Your Cost**..... **\$6.60**

**YE5546**—7.5 V. C.T. at 6.5 amps.; 7.5 V. C.T. at 6.5 amps. 5000 V. insulation. P.A.-3 mtg. Shpg. wt. 8 lbs.  
**Your Cost**..... **\$8.70**

**YE5547**—10 V. C.T. at 7 amps. 10,000 V. insulation. P.A.-3 mtg. Shpg. wt. 8 lbs.  
**Your Cost**..... **\$7.20**

**YE5548**—Two 14 V. C.T. windings tapped at 11 or 10 V. 5000 V. insulation. P.A.-3 mtg. Shpg. wt. 10 lbs.  
**Your Cost**..... **\$12.00**

**YE5549**—2.5 V. C.T. at 10 amps.; 10,000 V. insulation; two 10 V. C.T. at 3.5 amps.; 5000 V. insulation. P.A.-3 mtg. Shpg. wt. 9 lbs.  
**Your Cost**..... **\$9.00**

The following have 115 V. primaries, 2000 volt insulation.

**YE5550**—2.5 V. C.T. at 5 amps.; two 7.5 V. at 2.5 amps. P.A.-2 mtg. Shpg. wt. 5 lbs.  
**Your Cost**..... **\$4.05**

**YE5551**—2.5 V. C.T. at 5 amps.; 5 V. C.T. at 3 amps.; 7.5 V. C.T. at 2.5 amps. P.A.-2 mtg. Shpg. wt. 5 lbs.  
**Your Cost**..... **\$4.05**

**YE5552**—Three 5 V. C.T. at 3 amps. P.A.-2 mtg. Shpg. wt. 5 lbs.  
**Your Cost**..... **\$4.05**

**YE5553**—5 V. C.T. at 3 amps.; 7.5 V. C.T. at 2.5 amps.; 7.5 V. C.T. at 2.5 amps. P.A.-2 mtg. Shpg. wt. 5 lbs.  
**Your Cost**..... **\$4.05**

**FREE!** Upon request we will gladly include with your order a copy of the new UTC Catalog which contains many diagrams on mixers and amplifiers decibel charts, reactance charts, etc.

### Output Transformers Class "B"

**YE5333**—Primary: 10,000 ohms (suitable for 49, 53, 79 or 89) and 6000 ohms (46's, 59's) plate to plate. Secondary: 5000, 3500 ohms. Type P.A.-2. Shpg. wt. 4 lbs.  
**Your Cost**..... **\$4.20**

**YE5336**—Primary: 6000 ohms plate to plate (suitable for 46's or 59's). Secondary: 14,000, 3500 ohms. Type P.A.-2. Shpg. wt. 4 lbs.  
**Your Cost**..... **\$4.20**

**YE5335**—Primary: 8000 ohms plate to plate (suitable for "A Prime" 2A5 or 42's). Secondary: 5000, 3500 ohms. Type P.A.-2. Shpg. wt. 4 lbs.  
**Your Cost**..... **\$4.20**

**YE5337**—Primary: 12,500 ohms plate to plate (suitable for 800's, R.K.18's, 825's). Secondary: 5000, 3000 ohms. Type P.A.-4. Shpg. wt. 10 lbs.  
**Your Cost**..... **\$12.00**

**YE5339**—Primary: 8000 ohms plate to plate (suitable for 210's, 830's, 841's). Secondary: 18,000, 4500 ohms. Type P.A.-3. Shpg. wt. 9 lbs.  
**Your Cost**..... **\$7.50**

**YE5596**—Primary arranged to match P.P. 838's or 203A's in Class "B". Secondary will match 6500, 5000 or 3000 ohm R.F. load. Will handle 260 watts of A.F. Sec. will pass D.C. P.A.-601. Shpg. wt. 40 lbs.  
**Your Cost**..... **\$19.50**

### Input Transformers Class "B"

**YE5350**—Driver plate to 59, 53, 79 or 89 grids. Type P.A.-1. Shpg. wt. 3 lbs.  
**Your Cost**..... **\$3.30**

**YE5351**—Driver 46 or 59 plate to 46 or 59 grids. Type P.A.-1. Shpg. wt. 3 lbs.  
**Your Cost**..... **\$3.30**

**YE5352**—P.P. 45 or 59 plates to 2-46 or 59 grids; or P.P. 2A3 plates to 2-841 grids. Type P.A.-2. Shpg. wt. 3 lbs.  
**Your Cost**..... **\$3.90**

**YE5353**—P.P. 42, 45, 50 or 69 plates to 2-242A's, 800's, 830's, R.K. 18's, or 10 grids. Type P.A.-2. Shpg. wt. 3 lbs.  
**Your Cost**..... **\$4.50**

**YE5354**—P.P. 2A3 plates to 2-203A grids. Type P.A.-2. Shpg. wt. 4 lbs.  
**Your Cost**..... **\$5.10**

**YE5357**—P.P. 2A3 plates to 2-803, B 800, R.K. 18 or 10 grids. Type P.A.-2. Shpg. wt. 4 lbs.  
**Your Cost**..... **\$4.50**

**YE5358**—Driver 2A5, 45 or 42 triode plate to 2—"A Prime" 2A5, 45 or 42 grids. Type P.A.-1. Shpg. wt. 3 lbs.  
**Your Cost**..... **\$3.30**

**YE5359**—500, 200 or 50 ohm line to 2-830B, 800, R.K. 18 or 10 grids. Type P.A.-2. Shpg. wt. 5 lbs.  
**Your Cost**..... **\$4.50**

**YE5364**—P.P. 45 or 59 plates to P.P. 845A Prime grids. P.A.-2 mtg. Shpg. wt. 4 lbs.  
**Your Cost**..... **\$4.50**

### New UTC Variactors for Transmitters and Audio Amplifiers

UTC has developed a new system of controlled carrier transmission employing a reactor-auto transformer combination. Applicable to amateur transmitters and class "B" audio amplifiers and will provide perfect power supply regulation. Variactors for use in audio amplifiers, as listed below, do not require separate auto-transformers. Write for your copy of the UTC bulletin describing this system in detail.

CV Variactors for Controlled Carrier Class C

**YE5568**—For 25 to 50 watts maximum input controlled Class C. Shpg. wt. 9 lbs.  
**Your Cost**..... **\$4.50**

**YE5569**—For 50 to 100 watts. Shpg. wt. 12 lbs.  
**Your Cost**..... **\$6.00**

**YE5570**—For 100 to 170 watts. Shpg. wt. 18 lbs.  
**Your Cost**..... **\$9.00**

**YE5571**—For 170 to 300 watts. Shpg. wt. 25 lbs.  
**Your Cost**..... **\$12.00**

**YE5572**—For 300 to 500 watts. Shpg. wt. 33 lbs.  
**Your Cost**..... **\$15.00**

**YE5573**—For 500 to 800 watts. Shpg. wt. 48 lbs.  
**Your Cost**..... **\$19.80**

AV Auto-Transformers for CV Reactors—115/170 V.A.C.

**YE5574**—For use with YE5568. Shpg. wt. 5 lbs.  
**Your Cost**..... **\$3.00**

**YE5575**—For use with YE5569. Shpg. wt. 7 lbs.  
**Your Cost**..... **\$3.60**

**YE5576**—For use with YE5570. Shpg. wt. 9 lbs.  
**Your Cost**..... **\$4.20**

**YE5577**—For use with YE5571. Shpg. wt. 12 lbs.  
**Your Cost**..... **\$5.40**

**YE5578**—For use with YE5572. Shpg. wt. 17 lbs.  
**Your Cost**..... **\$7.20**

**YE5579**—For use with YE5573. Shpg. wt. 22 lbs.  
**Your Cost**..... **\$9.00**

BV Variactors for Use With Class B Audio (Auto-transformer self-contained)

**YE5580**—For 46's, 59's or four 6A6's, 53's, 79's. Shpg. wt. 9 lbs.  
**Your Cost**..... **\$4.50**

**YE5581**—For four 46's, or 210's, 801's, 800's. Shpg. wt. 15 lbs.  
**Your Cost**..... **\$6.60**

**YE5582**—For 211's, 242A's, 830B's, 203A's. Shpg. wt. 20 lbs.  
**Your Cost**..... **\$9.60**

### Trap Resonant Smoothing Chokes

All having off-center tap for hum bucking arrangements.

**YE5340**—10 henries at 150 M.A. D.C. resistance 115 ohms. Type P.A.-2. Shpg. wt. 5 lbs. **\$3.00**  
**Your Cost**.....

**YE5341**—12 henries at 200 M.A. D.C. resistance 110 ohms. Type P.A.-3. Shpg. wt. 10 lbs.  
**Your Cost**..... **\$4.80**

**YE5342**—15 henries at 250 M.A. D.C. resistance 90 ohms. Type P.A.-4. Shpg. wt. 15 lbs. **\$7.20**  
**Your Cost**.....

**YE5343**—40 henries at 250 M.A. D.C. resistance 240 ohms. Type P.A.-5. Shpg. wt. 25 lbs. **\$12.00**  
**Your Cost**.....

**YE5344**—10 henries at 500 M.A. D.C. resistance 60 ohms. Type P.A.-5. Shpg. wt. 25 lbs. **\$12.00**  
**Your Cost**.....

### Swinging Input Chokes

**YE5345**—6 to 30 henries at 15 to 150 M.A. D.C. resistance 115 ohms. Max. D.C. volts 450. Type P.A.-2. Shpg. wt. 6 lbs. **\$3.00**  
**Your Cost**.....

**YE5346**—6 to 30 henries at 20 to 200 M.A. D.C. resistance 110 ohms. Max. D.C. volts 600. Type P.A.-3. Shpg. wt. 10 lbs. **\$4.80**  
**Your Cost**.....

**YE5347**—6 to 30 henries at 25 to 250 M.A. D.C. resistance 90 ohms. Max. D.C. volts 1300. Type P.A.-4. Shpg. wt. 15 lbs. **\$7.20**  
**Your Cost**.....

**YE5348**—20 to 100 henries at 25 to 250 M.A. D.C. resistance 240 ohms. Max. D.C. volts 2600. Type P.A.-5. Shpg. wt. 25 lbs. **\$12.00**  
**Your Cost**.....

**YE5349**—6 to 30 henries at 75 to 500 M.A. D.C. resistance 60 ohms. Max. D.C. volts 1300. Type P.A.-5. Shpg. wt. 25 lbs. **\$12.00**  
**Your Cost**.....

### Plate Transformers

Primary 50/60 cycle tapped at 105, 115, 220, 230 volts.

**YE5559**—900-750-0-750-900 V. at 250 M.A. P.A.-4 mtg. Shpg. wt. 25 lbs.  
**Your Cost**..... **\$10.80**

**YE5560**—1400-1250-0-1250-1400 V. at 400 M.A. P.A.-5 mtg. Shpg. wt. 45 lbs.  
**Your Cost**..... **\$21.00**

**YE5561**—2000-1600-0-1600-2000 V. at 400 M.A. P.A.-6 mtg. Shpg. wt. 70 lbs.  
**Your Cost**..... **\$34.50**

**YE5562**—3000-2500-0-2500-3000 V. at 500 M.A. UTS mtg. Shpg. wt. 90 lbs.  
**Your Cost**..... **\$45.60**

**YE5563**—1400-1250-0-1250-1400 V. at 200 M.A. P.A.-5 mtg. Shpg. wt. 30 lbs.  
**Your Cost**..... **\$15.00**

**NOTE:** The plate transformers listed above are particularly suited for use by broadcasting stations and for export markets, for the following reasons: when 220 volt primary is plugged into a 110 volt source, the transformers will operate on 25 to 42 cycles. Too, rated secondary voltages will be exactly half those specified above.



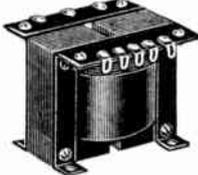
# Trutest TRANSMITTING TRANSFORMERS and CHOKES

The Trutest line of transmitting transformers and chokes has built for itself an enviable reputation based on a foundation of quality and dependability. Each unit has been correctly designed by qualified engineers for the purpose intended. Individual testing of components on each production run has resulted in a uniformity of perfection that is an outstanding feature of these transformers. Core materials, wire, insulation, impregnation, castings, etc., have been selected with the

utmost care to permit highest quality. The listing below covers practically all popular types in demand, with various desirable types of mounting. In the event that you may require a unit with different electrical or physical characteristics than those listed, we will be glad to quote on your specifications. All Trutest Transmitting components are fully guaranteed under R.M.A. standards.



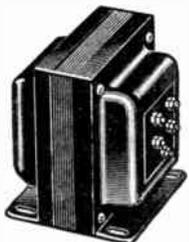
**Type D Mounting**—Fully shielded. Can be mounted with terminals on top or under chassis.



**Type E Mounting**—Open type with terminal strip at top.



**Type F Mounting**—Fully shielded with bolt and nut terminals.



**Type G Mounting**—Fully shielded with bolt and nut terminals.

## Filter Chokes Input (Swinging)

- YE5518**—5/25 henry. 200 M.A. D.C. resistance 140 ohms. F mounting. Shpg. wt. 5 lbs. **Your Cost**..... **\$2.50**  
**YE5519**—5/25 henry. 300 M.A. D.C. resistance 105 ohms. G mounting. Shpg. wt. 5 lbs. **Your Cost**..... **\$3.75**  
**YE5520**—5/25 henry. 500 M.A. D.C. resistance 70 ohms. G mounting. Shpg. wt. 8 lbs. **Your Cost**..... **\$6.50**  
**YC2535**—5/25 henry. 750 M.A. D.C. resistance 40 ohms. B mounting. Shpg. wt. 15 lbs. **Your Cost**..... **\$11.25**

## New Class "B" Output

- YE5628**—Primary designed to match P.P. 838's or 203A's in Class B into 6000, 5000 or 3500 ohm R.F. load. Will handle 260 watts of A.F. Sec. will pass D.C. H mounting. Shpg. wt. 39 lbs. **Your Cost**..... **\$19.50**

## Filament Transformers

- Primaries 105-115 V. 60 cycle.  
**YC2542**—2½ V. C.T.—10 A. 10,000 V. insulation. B mounting. Shpg. wt. 6 lbs. **Your Cost**..... **\$3.40**  
**YC2543**—5 V. C.T.—20 A. 10,000 V. insulation. B mounting. Shpg. wt. 12 lbs. **Your Cost**..... **\$5.25**  
**YC2544**—7½ V.—5 A.; 7½ V.—5 A. 5,000 V. insulation. B mounting. Shpg. wt. 6 lbs. **Your Cost**..... **\$3.25**  
**YC2545**—7½ V. C.T.—8 A. B mounting. 5,000 V. insulation. Shpg. wt. 10 lbs. **Your Cost**..... **\$3.75**  
**YC2546**—10 V. C.T.—8 A. 5,000 V. insulation. B mounting. Shpg. wt. 8 lbs. **Your Cost**..... **\$3.75**  
**YC2547**—10 V. C.T.—4½ A. E mounting. Shpg. wt. 6 lbs. **Your Cost**..... **\$1.75**  
**YC2549**—2½ V. C.T.—5 A.; 2½ V. C.T.—5 A.; 5 V. C.T.—3 A. E mounting. Shpg. wt. 8 lbs. **Your Cost**..... **\$1.75**  
**YC2031**—2½ V.—5 A.; 5 V.—3 A.; 7½ V.—3 A. E mounting. Shpg. wt. 8 lbs. **Your Cost**..... **\$1.75**  
**YC2032**—2½ V.—5 A.; 7½ V.—3 A.; 7½ V.—3 A. E mounting. Shpg. wt. 8 lbs. **Your Cost**..... **\$1.75**  
**YC2033**—7½ V.—3 A.; 7½ V.—3 A.; 7½ V.—3 A. E mounting. Shpg. wt. 8 lbs. **Your Cost**..... **\$1.75**  
**YC2034**—5 V.—3 A.; 7½ V.—3 A.; 7½ V.—3 A. E mounting. Shpg. wt. 8 lbs. **Your Cost**..... **\$1.75**  
**YE5508**—2½ V. C.T.—20 A. 2,500 V. insulation. E mounting. Shpg. wt. 3 lbs. **Your Cost**..... **\$1.50**  
**YE5509**—7½ V. C.T.—6½ A. 2,500 V. insulation. E mounting. Shpg. wt. 3 lbs. **Your Cost**..... **\$1.75**  
**YE5510**—10 V. C.T.—6½ A. 2,500 V. insulation. E mounting. Shpg. wt. 3 lbs. **Your Cost**..... **\$2.00**  
**YE5511**—6.3 V. C.T.—5 A.; 5 V. C.T.—6 A. 2,500 V. insulation. E mounting. Shpg. wt. 3 lbs. **Your Cost**..... **\$2.00**  
**YE5512**—2½ V. C.T.—12 A. 5,000 V. insulation. E mounting. Shpg. wt. 3 lbs. **Your Cost**..... **\$1.75**  
**YE5513**—5 V. C.T.—3 A.; 5 V. C.T.—3 A.; 5 V. C.T.—6 A. 2,500 V. insulation. E mounting. Shpg. wt. 3 lbs. **Your Cost**..... **\$2.00**

## Class "B" Input

- YC2555**—Driver 46 or 59 plate to 46 or 59 grids. D mounting. **Your Cost**..... **\$3.45**  
**YC2556**—P.P. 45 or 59 plates to 2-46 or 2-59 grids. D mounting. Shpg. wt. 3 lbs. **Your Cost**..... **\$4.75**  
**YC2557**—P.P. 45 or 59 plates to 2-210, 2-800, 2-830 or 2-RK18 grids. D mounting. Shpg. wt. 3 lbs. **Your Cost**..... **\$4.75**  
**YC2558**—P.P. 250 or 2A3 plates to 2-203 grids. D mounting. Shpg. wt. 3 lbs. **Your Cost**..... **\$5.25**  
**YE5538**—Driver 45, 42 or 2A5 plate to 2A5, 42 or 45A Prime grids. D mounting. Shpg. wt. 3½ lbs. **Your Cost**..... **\$2.75**

## Plate Transformers

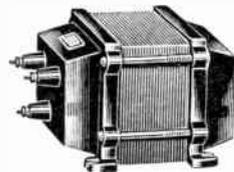
- Primaries 115 V. 60 cycle.  
**YC1517**—400-0-400 at 150 M.A. 2½ V.—5 A.; 2½ V.—12 A.; 5 V.—3 A. C mounting. Shpg. wt. 10 lbs. **Your Cost**..... **\$3.75**  
**YE5539**—500-0-500 at 200 M.A. 2½ V. C.T.—14 A.; 5 V. C.T.—3 A. G mounting. Shpg. wt. 10 lbs. **Your Cost**..... **\$4.00**  
**YC1516**—580-0-580 at 175 M.A. 2½ V.—10 A.; 2½ V.—3 A.; 5 V.—3 A. All C.T. C mounting. Shpg. wt. 10 lbs. **Your Cost**..... **\$4.45**  
**YE5540**—600-0-600 at 200 M.A. 2½ V.—10 A.; 7½ V.—3 A.; 5 V.—3 A. G mounting. Shpg. wt. 10 lbs. **Your Cost**..... **\$5.00**  
**YE5521**—800-0-800 at 150 M.A. G mounting. Shpg. wt. 10 lbs. **Your Cost**..... **\$3.75**  
**YC2551**—550-0-550 at 200 M.A. B mounting. Shpg. wt. 14 lbs. **Your Cost**..... **\$5.75**  
**YE5522**—800-0-800 at 250 M.A. G mounting. Shpg. wt. 14 lbs. **Your Cost**..... **\$5.50**  
**YE5523**—900-750-0-750-900 at 350 M.A. H mounting. Shpg. wt. 16 lbs. **Your Cost**..... **\$8.50**  
**YE5524**—1400-1250-0-1250-1400 at 500 M.A. H mounting. Shpg. wt. 30 lbs. **Your Cost**..... **\$16.00**  
**YE5525**—2000-1600-0-1600-2000 at 400 M.A. H mounting. Shpg. wt. 45 lbs. **Your Cost**..... **\$21.75**  
**YE5526**—3000-2500-0-2500-3000 at 500 M.A. A mounting. Shpg. wt. 65 lbs. **Your Cost**..... **\$32.50**  
**YC2554**—2000-1500-0-1500-2000 at 500 M.A. A mounting. Shpg. wt. 80 lbs. **Your Cost**..... **\$37.50**  
**YE5527**—1400-1250-0-1250-1400 at 200 M.A. H mounting. Shpg. wt. 25 lbs. **Your Cost**..... **\$10.00**

## Outputs

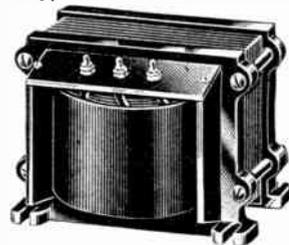
- YC2559**—Pri.: 10,000 ohms with C.T. for Class "A" P.P. 59 triodes, 71A, 2B6, Single 210, 41, 268A, 2A3, Class "B" P.P. 49, 53, 79, 89. Also 6000 ohms for Class "A" P.P. 62A, Single 31, 46, 59 pentode. Class "B" P.P. 46, 59. Sec.: 3500-5000 ohms. D mounting. Shpg. wt. 3 lbs. **Your Cost**..... **\$3.50**  
**YE5541**—Pri.: 8000 ohms with C.T. for Class "B" graphite plate 210's, 830, 841. Sec.: 18,000—4500 ohms. D mounting. Shpg. wt. 3 lbs. **Your Cost**..... **\$6.25**  
**YC2560**—Pri.: 5200 ohms with C.T. for P.P. 203 A's in Class "B". Sec.: 10,000—2500 ohms. A mounting. Shpg. wt. 3 lbs. **Your Cost**..... **\$17.95**

## Suppressor Grid Modulation Transformers

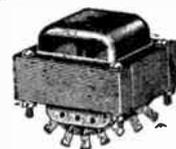
- YE5498**—P.P. 45 plates to suppressor-grid of one or two RK20 or similar type tubes. D mounting. Shpg. wt. 6 lbs. **Your Cost**..... **\$3.75**  
**YE5499**—Single 2B6 or 6B5 plate to 1 or 2 RK20 or similar type tube grids. D mounting. Shpg. wt. 6 lbs. **Your Cost**..... **\$3.75**



**Type A Mounting**—Totally enclosed. Heavy die-cast frame with metal end covers. Ceramic standoff type terminals.



**Type B Mounting**—Open type with bakelite terminal plate. Die-cast frame.



**Type C Mounting**—Flush type in combination models only.



**Type H Mounting**—Similar to type D but with ceramic standoffs for terminal insulation.

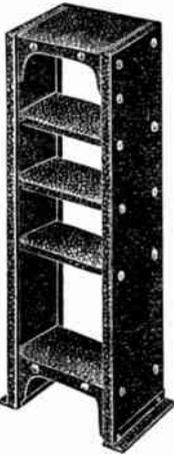
## Smoothing Chokes

- YE5515**—12 henry. 200 M.A. D.C. resistance 140 ohms. F mounting. Shpg. wt. 5 lbs. **Your Cost**..... **\$2.50**  
**YE5516**—12 henry. 300 M.A. D.C. resistance 105 ohms. G mounting. Shpg. wt. 5 lbs. **Your Cost**..... **\$3.75**  
**YE5517**—12 henry. 500 M.A. D.C. resistance 70 ohms. G mounting. Shpg. wt. 8 lbs. **Your Cost**..... **\$6.50**  
**YC2536**—15 henry. 150 M.A. D.C. resistance 110 ohms. D mounting. Shpg. wt. 5 lbs. **Your Cost**..... **\$2.40**  
**YC2537**—15 henry. 250 M.A. D.C. resistance 100 ohms. D mounting. Shpg. wt. 7½ lbs. **Your Cost**..... **\$3.95**  
**YC2538**—30 henry. 150 M.A. D.C. resistance 130 ohms. D mounting. Shpg. wt. 7½ lbs. **Your Cost**..... **\$3.95**  
**YC2539**—30 henry. 250 M.A. D.C. resistance 100 ohms. B mounting. Shpg. wt. 14 lbs. **Your Cost**..... **\$6.75**

# RACKS • PANELS • CABINETS

## Sectional P.A. Rack

Will improve the appearance of any existing installation. Entire assembly constructed of steel with black crystalline lacquer finish. Adaptable to almost any apparatus. Comes furnished with three shelves in addition to the bottom shelf. Rack stands 5 feet high, 19 1/4" wide and 12 3/4" deep. Channel type of construction allows hiding of all unsightly wiring. All corners reinforced with steel braces. Shipped in knockdown form with all necessary nuts, bolts and washers. Shpg. wt. 60 lbs.

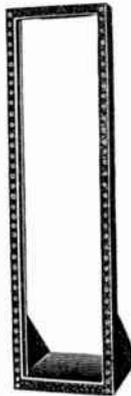


**Y 22152—\$9.50**  
Your Cost

Additional steel shelves. Shpg. wt. 7 lbs.  
**Y 22159—Your Cost** ..... 90c

## Standard Relay Racks

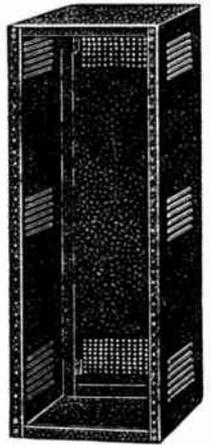
Just the thing for your "Ham" station. These sturdy steel racks are constructed of 1/4" steel, with spot welded corners. Finished in black crystalline lacquer. Racks are for use with standard 19" long panels, and are accurately drilled for mounting holes every 1 3/4". Holes tapped for 10-32 thread. Substantially braced base to prevent wobble and to keep units in correct alignment. Ideal for use with all types of Transmitters or for Public Address Systems. These Racks are the same as those used in our own transmitters—they are NOT cheap flimsy units built down to a price. It pays to buy a good rack for your transmitter.



Stock No.	Dimensions Hgt. W. D	Shpg. Wt. lbs.	Your Cost
Y 22150	6ft. 19 1/4 in. 16 in.	60	\$10.75
Y 22151	3ft. 19 1/4 in. 16 in.	30	8.75

## Enclosed Relay Racks

For the "Professional" type "Ham" station. Constructed of heavy steel finished in black crystalline lacquer. Holes drilled for standard 19" panels every 1 3/4". Holes have 10-32 thread. Sides have louvers to provide ample ventilation. Back panel in form of a door with heavy latch; has two screen sections for additional ventilation. Comes knocked down, with all necessary nuts, bolts and washers. Easy to assemble.



Stock No.	Dimensions H. W. D	Shpg. Wt. lbs.	Your Cost
Y 22153	5ft. 20 1/2 in. 15 in.	120	\$22.50
Y 22154	3ft. 20 1/2 in. 15 in.	75	17.75

## Steel Cabinets for Rack Panels



Designed to house receivers, transmitters, P.A. systems, etc. Afford neat, professional appearance. All take standard 19" panels. Constructed of 1/4" steel with black crystalline lacquer finish. Have doors with heavy latch for access to chassis. Sides and back have louvers for ventilation. Comes complete with panel mounting screws and washers. Bases have "mounting feet." All joints spot welded; units are rigid. Suitable steel and aluminum rack panels for use with the cabinets listed here are described elsewhere on this page. Blank chassis listed on this page are designed to fit these cabinets. Larger cabinets have opening in rear for cables, etc.

**Y 22194**—Cabinet for single panel. Has door in top. 8 3/4" high and 12" deep. Shpg. wt. 20 lbs. **\$4.50**  
Your Cost Each

**Y 22202**—Cabinet for single panel. Door in top. Handles on side. 10 1/2" high, 12" deep. Shpg. wt. 22 lbs. **\$8.50**  
Your Cost Each

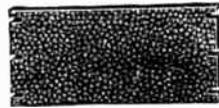
**Y 22193**—Cabinet for two panels. Has door in top and door on rear panel. 17 1/2" high and 13" deep. Shpg. wt. 31 lbs. **\$7.90**  
Your Cost Each

**Y 22192**—Cabinet for three panels. Has door on rear panel. 26 1/4" high and 13" deep. Shpg. wt. 42 lbs. **\$8.25**  
Your Cost Each

## Steel Rack Panels—19" Long

These standard panels are 19" long, and will fit the relay racks described above. Constructed of 1/4" steel with black crystalline lacquer finish. Available in twelve standard sizes to fill practically every requirement.

Stock No.	Width	Shpg. Wt. lbs.	Your Cost
Y 22169	1 3/4"	2	\$0.58
Y 22170	3 1/4"	5	.58
Y 22171	5 1/4"	7	.68
Y 22160	7"	8	.70
Y 22161	8 3/4"	9	.95
Y 22162	10 1/2"	10	1.15



## Aluminum Rack Panels 19" Long

For those desiring an easier working material. Standard panels of 1/4" aluminum, fit relay racks described above. Available with black crystalline lacquer finish or unfinished dull aluminum.

### Crystallized Lacquer Finish Panels

Stock No.	Width	Shpg. Wt.	Your Cost
Y 22200	1 3/4"	1 lb.	\$0.75
Y 22201	3 1/4"	1 lb.	1.05
Y 22202	5 1/4"	2 lbs.	1.35
Y 22203	7"	2 lbs.	1.60
Y 22204	8 3/4"	3 lbs.	1.95
Y 22205	10 1/2"	3 lbs.	2.50
Y 22206	12 1/4"	4 lbs.	2.95
Y 22207	15 3/4"	5 lbs.	3.75
Y 22208	17 1/2"	5 lbs.	3.98
Y 22209	19 1/4"	6 lbs.	4.50
Y 22210	21"	7 lbs.	5.25

### Dull Unfinished Panels

Stock No.	Width	Shpg. Wt.	Your Cost
Y 22211	1 3/4"	1 lb.	\$0.54
Y 22212	3 1/4"	1 lb.	.83
Y 22213	5 1/4"	2 lbs.	1.10
Y 22214	7"	2 lbs.	1.45
Y 22215	8 3/4"	3 lbs.	1.79
Y 22216	10 1/2"	3 lbs.	2.25
Y 22217	12 1/4"	4 lbs.	2.50
Y 22218	15 3/4"	5 lbs.	3.40
Y 22219	17 1/2"	6 lbs.	3.65
Y 22220	19 1/4"	7 lbs.	3.95
Y 22221	21"	8 lbs.	4.45

## Blank Steel Chassis or Sub-bases

Designed for use with the relay racks described above. Constructed of #16 gauge steel finished in black crystalline lacquer. Are furnished with bottom cover plates and bolts for mounting.

Stock No.	Dimens. W.L.D.	Shpg. Wt.	Your Cost
Y 22155	8x17x2"	14 lbs.	\$1.60
Y 22156	11x17x3"	20 lbs.	\$1.95

**Cadmium Plated Chassis.** Similar to the above, but steel cadmium plated. Size 17" long, 11" wide and 2 1/2" deep. Shpg. wt. 18 lbs. **\$1.89**  
Your Cost

## Meter Panels



Fit the standard racks. Of steel, with crystallized lacquer finish. All 19" long and 5 1/4" high. For 3 or 5 meters, 2" and 3" type. Shpg. wt. 7 lbs.

Stock No.	No. Holes	Meter Size	Your Cost
Y 22222	3	2"	\$0.98
Y 22223	5	2"	1.45
Y 22224	3	3"	.98
Y 22225	5	3"	1.45

## Steel Brackets



Used to re-enforce racks and panels. Of 1/4" steel with black crystalline lacquer finish. Panels must be at least 7" high. Mounting holes drilled. Shpg. wt. 3 lbs.

**Y P15271**—For 8" base **59c**  
Your Cost, per Pair  
**Y P15272**—For 11" base **89c**  
Your Cost, per Pair

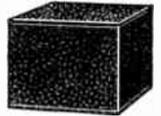
## Portable Cabinet



Ideal for monitors, portable receivers, pre-amplifiers, etc. Constructed of steel with black crystallized lacquer finish. Has sturdy leather carrying handle. Top and right side, in one piece, removable. Sliding panel on top allows for tube insertion or inspection without the need for removing mounting screws. Front panel drilled for usual controls, dial, volume control, switch, etc. Side has slot for mounting antenna post or other binding post terminal. Furnished with mounting screws. Overall size 8 3/4" deep, 6 1/2" high and 5 1/8" wide. Shpg. wt. 5 lbs. **\$1.98**  
Your Cost

## General Utility Steel Cabinets

Prepared especially for use with transmitting units, input stages, mixers, etc. Constructed of steel, finished in black crystallized lacquer. Have spot welded corners. Top and bottom fit snugly and are held in place by self-tapping screws furnished with each unit. Available in four standard sizes to fit almost every requirement.



Stock No.	Dimension W. L. H.	Shpg. Wt. lbs.	Your Cost
Y 22174	5 1/4 x 6 x 5 1/2"	3	\$0.69
Y 22175	5 x 9 x 6"	5	.99
Y 22173	8 x 10 x 7"	6	1.19
Y 22176	8 x 10 x 10"	7	1.29
Y 22177	11 x 12 x 8"	9	1.69

**NOTE**  
We can supply your needs for any special sized panels, in steel or aluminum. Write giving all necessary information and we will quote lowest prices.

**WRITE FOR FREE COPY OF COMPLETE "HAM" CATALOG**

# Transmitting AERIALS & EQUIPMENT



## New LYNCH "Ham" Kits

Due to the increasing number of amateurs who are desirous of obtaining kits which include all fundamental requisites for particular band coverage, without frills, the following kits have been made available. They are designed for both receiving and transmitting, to cover all of the popular amateur short-wave bands and are priced extremely low.

- YR17033—20 Meter Antenna Kit.** Includes 50 ft. cable, 50 ft. HI-MHO (heavyweight) antenna wire, 7 commercial type insulators, 1 lead-in tube, 3 porcelain lined screw eyes. Shpg. wt. 5 lbs. **\$2.94**  
**Your Cost**.....
- YR17034—40 Meter Antenna Kit.** Includes 50 ft. Giant Killer cable, 75 ft. HI-MHO (heavyweight) antenna wire, and all other accessories mentioned in 20 Meter Kit. Shpg. wt. 5 lbs. **\$3.09**  
**Your Cost**.....
- YR17035—80 Meter Antenna Kit.** Includes 50 ft. Giant Killer cable, 2-75 ft. coils of HI-MHO (heavyweight) antenna wire, and all other accessories described in the 20 Meter Kit. Shpg. wt. 5 lbs. **\$3.82**  
**Your Cost**.....
- YR17036—160 Meter Antenna Kit.** Includes 50 ft. Giant Killer cable, 2-150 ft. coils HI-MHO (heavyweight) antenna wire, and all other accessories in 20 Meter Antenna Kit. Shpg. wt. 5 lbs. **\$5.00**  
**Your Cost**.....

## LYNCH "Giant Killer" Cable



A new type of transmission cable for use with doublet aerials. Heavy rubber outer covering. High voltage insulation. Shpg. wt., 50 ft., 2 lbs.

- YR17177—50 ft. coil**..... **\$1.76**  
**YR17178—100 ft. coil**..... **3.53**  
**Your Cost**.....  
**Per Foot**..... **4¢**

## LYNCH Super-Giant Killer Cable

Designed to cut down transmission line losses. Will carry up to 1000 watts when used with a current-fed antenna. Highly flexible, has surge impedance of 65 ohms. Break-down voltage more than 2500 volts. Shpg. wt., 100 ft., 3 lbs.

Stock No.	Foot Rolls	List Price	Your Cost
YR17030	50	\$6.00	\$3.53
YR17031	100	12.00	7.06
YR17032	250	30.00	17.64

## LYNCH EO-1 Twisted Pair Transmission Line

Consists of 2—No. 12 copper conductors covered by a fabric warp. Warp is covered by special rubber insulation. Overall braid of impregnated cotton. Shpg. wt., 25 ft. coil, 2 lbs.



- Y20887—**  
**Your Cost, per Foot (1 to 50 Feet)**..... **7¢**  
**50 to 100 Feet. Your Cost, per Foot**..... **6½¢**  
**100 to 500 Feet. Your Cost, per Foot**..... **6¢**

## JOHNSON "Q" Antennas



An accurate impedance match is obtained through the use of a (90%) quarter-wave line made of half-inch aluminum tubing. Spacers of glazed porcelain are equipped with adjustable clamps. Enameled copper-clad steel wire for antenna and feeders prevents stretching.

Kits include: suspension insulator assembly, copper-clad steel antenna wire, two lengths of ½" diameter aluminum tubing, a supply of spacing bars, a template for lining up tubing and full instructions. Antenna insulators are not included. Shpg. wt. 5 lbs.

- YR17162—10 Meter Kit**  
**Your Cost**..... **\$3.67**
- YR17163—20 Meter Kit**  
**Your Cost**..... **\$5.82**
- YR17164—40 Meter Kit**  
**Your Cost**..... **\$10.29**
- YR17165—80 Meter Kit**  
**Your Cost**..... **\$19.25**
- YR17166—160 Meter Kit**  
**Your Cost**..... **\$37.49**

## Feeder Spreaders



Accurately molded from hi-quality low absorption porcelain, with end grooves for line conductors, and holes for tie-wires. Short lengths

- are recommended for doublet type receiving systems and matched impedance transmission lines. 6" length for transmitting applications where there are standing waves on the line. Cross section— $2\frac{1}{2} \times \frac{1}{2}$ "
- YR17027—2" length. Your Cost**..... **7c**  
**YR17028—4" length. Your Cost**..... **9c**  
**YR17029—6" length. Your Cost**..... **12c**

## JOHNSON Metal Base Stand-Off Insulators



The latest in stand-off insulator design. Employs drawn steel metal base which completely eliminates breakage. Model 65, Bee-Hive type insulator illustrated above, requires a minimum of mounting space. All metal bases attractively finished in

- cadmium plate. Available in white or brown glaze. Specify which is desired.
- YR17024—Height 1½". List 25c**  
**Your Cost**..... **15¢**
- YR17025—Height 2¼". List 40c**  
**Your Cost**..... **24¢**
- YR17026—Height 4¼". List 60c**  
**Your Cost**..... **35¢**

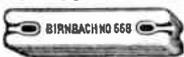
## Enameled Copperweld Antenna Wire



Consists of a tough steel core completely covered with high conductivity copper. A tough enamel coating prevents corrosion or oxidation. Has much greater tensile strength than ordinary wire.

- YY20885—No. 12 Gauge**..... **90¢**  
**Your Cost, per 100 Feet**..... **60¢**  
**YY20886—No. 14 Gauge**..... **60¢**  
**Your Cost, per 100 Feet**.....

## Navy Type Insulator



Of white glazed porcelain, free from sharp edges. For antennas handling up to 50 watts. Will withstand a pull of 500 lbs. Will be used with doublet or end feed type of antennas. 4".

- YR17051—Your Cost Each**..... **9¢**

## Feed-Thru Insulator



Made of white ceramic highly glazed to prevent dirt accumulation. Two cork washers supplied for use between insulators. Ends fitted with hexagon nut, washer and wing nut. All metal parts nicked. Rod threaded all the way. Shpg. wt. 4 lbs.

- YR17037—10" rod**..... **53¢**  
**Your Cost Each**.....  
**YR17038—15" rod**..... **59¢**  
**Your Cost Each**.....

## Feed-Thru Stand-Off Screw and Nut Type



Made of glazed porcelain. Nickel plated brass hardware. Available in four standard sizes.

- YR17093—¾" high and ¾" in diameter. Your Cost Each**..... **7¢**  
**YR17094—¾" high and 1" in diameter. Your Cost Each**..... **12¢**  
**YR17069—1¼" high and 1½" in diameter. Your Cost Each**..... **15¢**  
**YR17070—2¼" high and 2" in diameter. Your Cost Each**..... **33¢**

## Wall Insulator

For supporting wiring on instruments or may be used for supporting lead-in or ground wires.



- Glazed porcelain 2¼" high. Shpg. wt. 8 oz. **7¢**  
**YR16735—50 for \$3.00**  
**Your Cost Each**.....

## Screw-in Stand-Off



Strong porcelain insulator with wood screw base. Ht.

- 27½". Shpg. wt. 8 oz. **10¢**  
**YR16801—Your Cost Ea.**..... **\$3.95**  
**50 For**.....

## STAND-OFF INSULATORS

Corrugated porcelain well glazed. For use as mountings for transmitter output terminals, switch gear, wiring, etc. 2 sizes both with ¼"-20 brass stud. Shpg. wt. 12 oz.



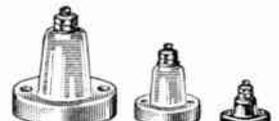
- YR16811—5¼" high, 2¼" square base. Your Cost**..... **38¢**  
**YR16812—3¾" high, 1¾" square base. Your Cost**..... **18¢**

- Made of porcelain; extra heavy to stand great strain. Ribbed body provides additional surface to prevent leakage. Length 4". **8¢**  
**YR16800—Net Each**.....  
**Lots of 10**..... **75c**

## Pyrex Antenna Insulators



- Strong and neat; a size for every amateur purpose.
- | Stock No. | Length Overall | Power Rating | Your Cost |
|-----------|----------------|--------------|-----------|
| YR16805   | 3¾"            | 250 Watts    | 50¢       |
| YR16806   | 7½"            | 250 Watts    | 68¢       |
| YR16807   | 12½"           | 1½ KW        | 2.06      |



An excellent stand-off insulator useful in many ways. Three sizes provide a type for any purpose: lead-in, wiring, or as supports for condensers, tank coils, etc.

- YR16745—No. 20. 2" high with 10-32 nickel plated brass hardware. Your Cost Each**..... **7¢**  
**In Lots of 10**..... **65c**  
**YR16746—No. 22. 1¾" high, 8-32 nickel plated brass hardware. In Lots of 10—45c**  
**Your Cost Each**..... **5¢**  
**YR16747—No. 24. 1½" high, 6-32 nickel plated brass hardware. In Lots of 10—37c**  
**Your Cost Each**..... **4¢**

## Amateur Type

Diameter 2½". Supplied with brass rod, 4 brass jam nuts, 2 brass washers, 2 rubber washers and 2 rubber gaskets. Shpg. wt. 3 lbs.

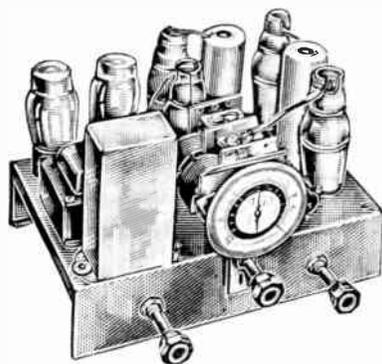
- YR16813—15" rod. List \$2.20. Your Cost**..... **\$1.47**  
**YR16814—20" rod. Your Cost**..... **\$1.56**

List \$2.30  
**Your Cost**.....

# Trutest and ALL-STAR KITS



## 6-TUBE AC LONG AND SHORT WAVE SUPERHET

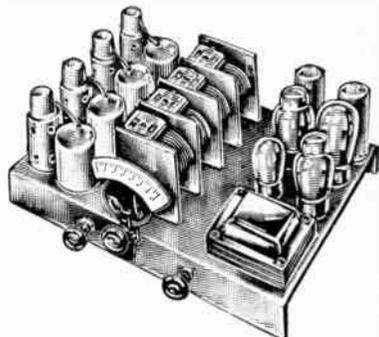


Short-Wave "DX" fans will especially appreciate the new Trutest 6-Tube "Skip Band" receiver kit, for it takes in not only the entire domestic broadcast band from 200 to 550 meters, but the important foreign channel from 17.6 to 50 meters as well. It is so easy to assemble and wire that even a novice can do the job and have the set work the first time he turns it on. The diagrams and instructions are very explicit and the parts fit perfectly on chassis.

This is an all A.C. receiver, using the sturdy 6.3 volt series of tubes. The 6A7 is the first detector-oscillator, working into two I.F. stages employing 6D6's. A type 75 tube performs the multiple functions of second detector, automatic volume control tube and first audio amplifier, and feeds a type 42 output tube. The rectifier is an 80. With two I.F. stages and automatic volume control, the "Skip Band" receiver is a set that you will be proud to demonstrate as a product of your mechanical skill. A 6 inch dynamic speaker, whose field coil is part of the receiver's filter system, is supplied separately. Chassis measures 10 1/4" x 6 1/2" x 7" high overall.

**YY22012**—Trutest 6-tube "Skip Band" kit of parts, less tubes and speaker. Shpg. wt. 17 lbs. Code Leram **\$16.50**  
**Your Cost**  
 Special 6 inch dynamic speaker..... **\$3.45**  
 Matched kit of Lafayette tubes..... **\$3.25**

## 8-TUBE T.R.F. RECEIVER KIT

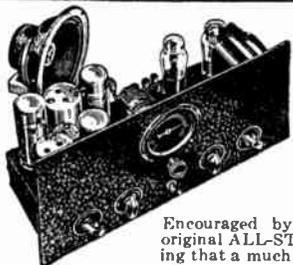


The Trutest **ADVANCED ECONOMY 8** is without doubt one of the best broadcast receiver kits available on the market today. It is a real, man-sized outfit, the formed metal chassis measuring 12" deep, 16 1/2" wide and 7 1/4" high. The neat appearance and logical arrangement of the parts never fail to arouse favorable comment. Each component has been carefully designed to provide an ample safety factor, resulting in a finished unit that will give trouble-free service.

For the service man or custom-set builder the **ADVANCED ECONOMY 8** is a sure-fire money maker. It can be assembled in a short period of time, the only tools necessary being pliers, screwdriver and soldering iron. Installed in a console cabinet, along with a dynamic speaker, it attracts attention from people interested in high quality radio apparatus—people who have money to spend. The reliable, time-tried T.R.F. circuit makes the **ADVANCED ECONOMY 8** a real performer, with sensitivity, selectivity and power much in excess of normal requirements. Three stages of R.F. using type 6D6 pentodes work into a type 6C6 detector; a 76 first audio and two 42's in the output stage and type 80 rectifier. The audio output is 7 watts. For general smoothness of operation this combination is unbeatable.  
**Model YY22037**—Trutest Economy 8-Tube Kit, less tubes and speaker. Shpg. wt., 28 lbs. Code Trute. List price **\$35.00**  
**Your Cost**..... **\$14.95**  
**Model YY22038**—Matched 10" Dynamic Speaker. Shpg. wt., 10 lbs. **Your Cost**..... **\$3.95**  
 Kit of 8 matched tubes. Shpg. wt., 7 lbs. **Your Cost**..... **\$4.00**  
 The Kit is shipped complete with all necessary instructions and diagrams for easy, quick assembly.

## BUILD YOUR OWN ALL-STAR JR ALL-WAVE Superheterodyne

### All-Wave Receiver Kit



- ★ All Wave Reception
- ★ 5 Latest Type Tubes
- ★ Beat Frequency Oscillator
- ★ Pre-adjusted Coils

Encouraged by the remarkable success of the original ALL-STAR SENIOR Receiver and realizing that a much greater need exists for an all-wave super—capable of dependable foreign reception at a still lower price, the eight sponsor manufacturers of the ALL-STAR SENIOR, aided by three additional firms, have now developed a smaller set, the ALL-STAR JUNIOR.

While not possessing quite the power and range of the original ALL-STAR SENIOR, this new JUNIOR set gives practically equivalent performance at only about two thirds the cost. Here is a set that is ideally suited for the amateur or the short wave fan—a set that anyone can afford and anyone can build.

#### Important Features

It has all of the important features of the Senior model such as: continuous band spread, pre-adjusted coils, beat frequency oscillator, etc. Only a total of 5 tubes are used—yet all of the important features are retained and the beat oscillator is included without the need of additional parts or tubes.

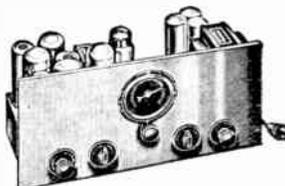
#### Simple Construction

It is easy to build. The instructions furnished are thorough and clear—practically anyone can build this receiver in a few hours time. All the holes are already punched in the chassis and panel, no drilling is necessary. Only a screwdriver, a soldering iron and a pair of pliers are needed.

**YY22198**—Complete Kit of ALL parts required to complete the receiver with the exception of tubes, speaker, cabinet and aerial. Shpg. wt. 20 lbs. **\$26.19**  
**Your Cost**  
**YW19287**—Special Matched Speaker..... **\$2.50**  
 Kit of Matched Tubes..... **\$2.97**  
**YY22178**—Special Metal Cabinet. Crackle finish..... **\$3.95**  
**YY22179**—Special Etched Metal Panel..... **\$2.06**  
**Your Cost**

## CONTINUOUS BAND-SPREAD ALL-STAR ALL-WAVE Superheterodyne

### SENIOR ALL-WAVE Receiver



- ★ Continuous "Band Spread"
- ★ 10 to 500 Meters
- ★ 6 Tube Superheterodyne
- ★ Simple Construction

This excellent all-wave receiver has now become famous amongst short wave enthusiasts for its amazingly fine performance. Sponsored by eight of the leading parts manufacturers it includes in its construction only the finest of components. Transformers by Thordarson, Coils by Meissner, Condensers (variable) by Hammarlund, Condensers (fixed) by Cornell-Dubilier, Volume Controls by Electrad, Dials by Crowe, Resistors by Ohmite, and Wire by Belden. All of the latest ideas in short-wave receiver design from the laboratories of these eight manufacturers were gathered together and incorporated in the design of this receiver—a set that assures unequalled WORLD-WIDE RECEPTION.

**Continuous Band Spread, Suited for Amateur Use**  
 True "band spreading" is accomplished by the use of separate "tank" and tuning condensers. Band spread tuning is possible at any frequency in any band covered by the receiver.

#### Seven Tube Superheterodyne Circuit

Seven of the latest type tubes are used in the highly efficient circuit. A 2A7 tube is used as the combined mixer and oscillator, two type 58's as intermediate frequency amplifiers, a type 56 as second detector, a type 2A5 pentode power tube and a type 80 rectifier in the power supply. Another type 58 as a beat frequency oscillator is optional and is not included in the essential kit.

**YY22199**—Complete Essential Kit of Parts. **\$31.54**  
**Your Cost**  
**YM12866**—Chassis with all cut-outs..... **\$2.50**  
**YZ22181**—Miscellaneous Parts (sockets, shields, etc.), required to complete receiver..... **\$2.21**  
**YW19292**—Special Matched Speaker. **Your Cost**..... **\$2.75**  
 Complete Kit of Matched Tubes..... **\$3.00**  
**YY22178**—Special Metal Cabinet..... **\$3.95**  
**Your Cost**  
**YY22180**—Special Etched panel..... **\$2.06**  
**Your Cost**

Write for **FREE** hookups, parts, lists, etc., of the **ALL-STAR Kits.**

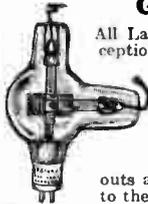


# TRANSMITTING TUBES



## Lafayette

**X'Mitting Tubes Quality at a Low Price  
Guaranteed 1000 Hours**



All Lafayette transmitting tubes, with the exception of the 210, have pure carbon plates. This feature provides high plate dissipation without overheating, and also insures constant tube operating characteristics. Lafayette transmitting tubes are guaranteed for 1,000 hours against defects in material or workmanship, on a pro-rata basis. Burn-outs and broken glass are the only exceptions to the guarantee.



Type	Purpose	Your Cost
210	R.F. or A.F. Amplifier or Mod. 15 watts	51.95
841	Volt. Amp., R.F. Power Amp. or Osc. 12 watts	2.50
865	R.F. Power Amp. or Osc. 15 watts	9.95
801	R.F. and A.F. Power Amp. or Osc. 20 watts	3.75
800	Osc., R.F. Power Amp. or "B" Mod. 35 watts	7.50
830	R.F. Amplifier. 17 watts	7.25
830B	Class "B" R.F. and A.F. Amp.	7.25
211	Osc., R.F. Power Amp. or Mod. 100 watts	9.95
211C	60-130 Watt Hi-Freq. R.F. Amp. 120 watts	10.95
203A	Osc., R.F. Amp. or Class "B" Mod. 100 watts	9.95
203D	50-160 Watt Hi-Freq. R.F. Amp. 120 watts	10.95
852	Oscillator or R.F. Amplifier. 100 watts	16.95
860	R.F. Amplifier or Oscillator. 100 watts	29.75
212E	225-350 Watt Hi-Freq. R.F. Amp. 275 watts	67.50
204A	Oscillator or R.F. Power Amp. 250 watts	75.00
849	R.F. or A.F. Amp. or Oscillator. 400 watts	125.00
851	R.F. or A.F. Amp. or Oscillator. 750 watts	300.00
864	Voltage Amp. for Use in Pre-amplifiers	1.40
842	3 Watt Class "A" Audio Amplifier	2.50
845	30 Watt Class "A" Audio Amplifier	9.95
866	H.W. Mercury Vapor Rect. .6 amps. 2.5 V.	1.85
866A	Shielded Fil. H.W. Merc. Vap. Rec. 1 amp.	2.25
872	H.W. Mercury Vapor Rect. 2.5 Amp. 5 V.	10.95
872A	Shielded Fil. H.W. Merc. Vap. Rec. 2.5 amps.	12.50
869A	Shielded Fil. H.W. Merc. Vap. Rec. 10 amps. 5 V.	139.00



**Xmitting  
Tubes**



A complete new line of Transmitting Tubes especially designed for amateur use. Their high efficiency permits maximum output with a minimum input. All have Isolantite bases and are ruggedly constructed. The new RK20 R.F. Pentode is particularly interesting since it is the first amateur tube permitting efficient suppressor grid modulation.

Type	Purpose	Your Cost
RK10	R.F. Amplifier, Class "A" or "B" A.F. Amplifier and Modulator	\$3.50
RK15	R.F. Amplifier or Class "B" Modulator	4.50
RK16	Oscillator, R.F. Amplifier or Class "B" Modulator Driver	4.50
RK18	Class "A," "B" or "C" Amplifier or Triode Oscillator	10.00
RK19	Full Wave High Voltage Vacuum Rectifier	7.50
RK20	High Output Pentode R.F. Amplifier	15.00
RK21	Half Wave High Voltage Vacuum Rectifier	5.00
RK22	Full Wave High Voltage Vacuum Rectifier	7.50
RK23	High Frequency R.F. Pentode	4.50
RK24	Battery Operated R.F. Triode	2.25
RK25	High Frequency R.F. Pentode	4.50
VG27	Grid Controlled Mercury Vapor Rectifier	5.00
RK28	R.F. Power Amplifier Pentode. Jumbo 5 prong	38.50
RK29	Same as RK28 except with UV5 prong base	38.50
RK30	Triode Oscillator, R.F. Amplifier, Class "B" Modulator. For Ultra-High Frequencies. 65 watts.	10.00
RK31	Class "B" Modulator	10.00
RK32	High Frequency Triode. Max. 1250 volts plate	12.00
RK34	Twin Triode H.F. Oscillator or Amplifier	3.50
RK100	110-120 volt D.C. Gas. Dis. Amp.	7.00
864	Low current tube for Microphone Pre-Amplifiers	1.60
866A	Half Wave Mercury Vapor Rectifier	5.00
872A	Heavy Duty Half Wave Mercury Vapor Rectifier	16.50
841	Voltage Amplifier, R.F. Power Amplifier, Oscillator	3.25
842	Class "A" Audio Amplifier	3.25
203A	Oscillator, R.F. Amplifier, Class "B" Modulator	17.50



### EIMAC Transmitting Tubes

Have hard Nonex glass envelopes and are free from gas. All elements widely separated. Have Tantalum plate and grid. Guaranteed for two years against breakdowns, burn-outs and broken glass excepted.

Type	Purpose	Your Cost
50T	Gen. Purpose Triode. 50 watt plate dissipation.	\$13.50
150T	Gen. Purpose Triode. 150 watt plate dissipation.	24.50
150P	High Freq. Pentode. 150 watt plate dissipation.	34.50
1Z75	H.W. Rectifier. 2.5 V. at 12.5 amps. 7500 V. Peak	7.50
1Z150	H.W. Rectifier. 2.5 V. at 12.5 amps. 15,000 V. Peak	12.50

## RCA de Forest

**TRANSMITTING TUBES  
For Amateur and Experimental Use Only**

Type	Purpose	Net
203A	R.F. Power Amp., Osc. or Class "B" Mod. 100 watts.	\$17.50
211	R.F. and A.F. Power Amp., Osc. or Mod. 100 watts.	17.50
800	R.F. Power Amp., Osc. or Class "B" Mod. 35 watts.	10.00
801	R.F. and A.F. Power Amp., Osc. or Mod. 20 watts.	4.50
802	R.F. Power Amplifier Pentode. 10 watts.	3.90
840	R.F. Pentode	6.00
841	R.F. Power Amp., Osc. or A.F. Voltage Amp. 15 watts.	3.25
842	A.F. Power Amplifier, Modulator. 15 watts	3.25
843	Power Amplifier, Oscillator. 15 watts.	12.50
844	Screen Grid R.F. Power Amplifier. 15 watts.	18.00
845	Modulator, A.F. Power Amplifier. 75 watts.	20.00
850	Screen Grid R.F. Power Amplifier. 100 watts.	37.50
852	Oscillator, R.F. Power Amplifier. 100 watts.	23.80
860	Screen Grid R.F. Power Amplifier. 100 watts	35.00
864	Amplifier (Low Microphonic Design)	1.60
865	Screen Grid R.F. Power Amplifier. 15 watts.	12.75
868	General Purpose Photo-Tube	6.00
918	Photo-Tube, High Sensitivity	6.00
954	Pentode Acorn Tube Frequencies up to 110 M.C.	5.80
955	Triode Acorn Tube Frequencies up to 110 M.C.	3.75
204A	Osc., R.F. Power Amp., Class "B" Mod. 250 watts.	97.50
803	R.F. Power Amplifier Pentode. 50 watts. 200 Class "B"	38.50
838	R.F. Power Amp., Osc., Class "B" Mod. 100 watts.	18.00
831	Oscillator, R.F. Power Amplifier. 400 watts.	265.00
849	Modulator, R.F. or A.F. Power Amp., Osc. 400 watts.	160.00
851	Modulator, R.F. or A.F. Power Amp., Osc. 750 watts.	350.00
861	Screen Grid R.F. Power Amplifier. 400 watts.	295.00
217A	Half-Wave, High Vacuum Rectifier. 3500 V. max.	20.00
217C	Half-Wave, High Vacuum Rectifier. 7500 V. max.	20.00
866	Half-Wave Mercury Vap. Rectifier. 7500 V. max.	4.50
866A	Half-Wave Merc. Vapor Rectifier. 10,000 V. max.	5.00
872	Half-Wave Mercury Vap. Rectifier. 7500 V. max.	16.50
872A	Half-Wave Merc. Vap. Rectifier. 10,000 V. max.	19.50
878	H.W. Hi-Vac. Rec. for Cath. Ray Tubes. 20,000 V. max.	11.00
879	H.W. Hi-Vac. Rec. for Cath. Ray Tubes. 7500 V. max.	3.00
885	Gas-Triode for Cath. Ray Sweep Circuit Control.	2.00

### Cathode Ray Tubes

904	5" Electrostatic-Mag. Def. 4600 V., 5 electrodes.	50.00
905	5" Electrostatic-Mag. Def. 2000 V., 4 electrodes.	40.00
906	3" Electrostatic-Mag. Def. 1200 V., 4 electrodes.	18.00
907	5" Electrostatic-Mag. Def. Short Persist. Screen.	48.75
908	2" Electrostatic-Mag. Def. Short Persist. Screen.	21.00

### GAMMATRON

The Type 354 Gammatron is a 100 watt triode amplifier suitable for A.F. or R.F. circuits. Aircooled. Standard 50 W. ceramic base. Top plate contact. High vacuum. Tantalum plate and grid. Thoriated Tungsten filament. Type 354 Gammatron. **Your Cost \$24.50**



### AMPEREX HF 200

A new high frequency "Low C" tube for the Amateur. Employs a planar thoriated tungsten filament. Large area plate of graphite. Maximum allowable plate dissipation 150 watts—plate color at this dissipation BLACK. Maximum allowable plate voltage Class "C" operation 3000 V. at 15 M.C.—2000 V. at 60 M.C. Average characteristics (at 1500 V. plate, 85 V. grid, 10 V. filament); Plate current 100 M.A., amplification constant 12, grid to plate transconductance 4200 micromhos, plate resistance 2860 ohms. Fits standard 50 watt socket. **Your Cost \$24.50**



**Tubes for Radio-Therapy**  
Ultra-short wave tubes designed for Radio-Therapy equipment.

Type	Your Cost
211C	\$17.50
211D	17.50
211G	22.50
211H	17.50
203H	17.50

Note: These tubes employ carbon anodes. Complete characteristic sheet sent on request.



Your Cost Each

**\$4.50**

### Lafayette

**Type 868 Photo-Electric  
Tube**

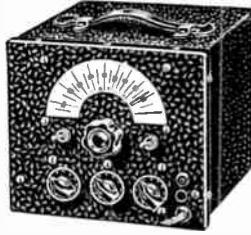
Gas filled type. For use with photo-electric equipment or sound-on-film. Anode supply 90 volts max.; anode current 20 microamperes max. Static sensitivity 45 microamperes per lumen. Dynamic sensitivity (at 1000 cycles) 40 microamperes per lumen.

# Clough-Brengle-TEST INSTRUMENTS

## Model 82 Test Oscillator

Contains features seldom found in other types of battery driven oscillators. Range continuously variable from 85 K.C. to 21 MC. through the use of a 6-band selector switch. All frequencies are fundamentals, and are read directly on a 8½" open-face dial. Signal modulated or unmodulated, as desired; modulation 30%, 400 cycles—which is available separately at a panel jack when desired for audio tests. Employs "ladder-type" attenuator. Complete battery operation from 1—22½ volt unit for "B" supply, and 1—4½ volt unit for filaments,—permits portability and operation in places where power is not available. Uses 2 type 37 tubes, one as R.F. oscillator, and one as A.F. oscillator. Double shielded R.F. radiating circuits reduce stray fields, so that extreme accuracy is obtainable when aligning. When used with either Models CRA or CRB instruments, it will provide complete facilities for visual plotting of radio frequency amplifier selectivity or frequency response curves. Accuracy 3%, battery consumption is almost negligible. Supplied complete with tubes and instructions, but less batteries.

YJ10440—Model 82 Oscillator. Shpg. wt. 14 lbs. **\$19.50**  
Your Cost



## Model 81 Fixed Sweep Frequency Modulator

By connecting any R.F. oscillator to input posts of this unit, and then connecting output cable to a receiver's I.F. or R.F. which it is desired to test, then a suitable signal will be supplied to the receiver under test which will vary ±15 K.C. from resonance frequency at a rate of 50 times a second. The combination can then be connected to any standard Cathode Ray Oscilloscope for analysis. Direct plug-in connections permit convenient and rapid connection to Models CRA and CRB described. The Model 81 is essentially a 670 K.C. fixed oscillator having a motor driven condenser to wobble its frequency ±15 K.C. at 50 times a second. The output is then fed to a mixer tube into which is also fed the output of the variable oscillator whose carrier it is desired to modulate. The mixed output may then be attenuated by a "ladder type" attenuator which is contained within the Model 81. Supplied complete with tubes and instructions, and book on "Cathode Ray Testing and Analysis."

YJ10551—Model 81. Shpg. wt. 22 lbs. **\$33.57**  
Your Cost

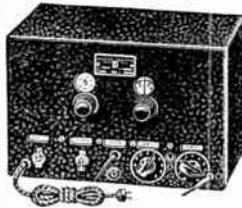


## CLOUGH-BRENGLE Oscillator

### 50 K.C. to 30 M.C. Signal Generator

Has six bands each working on the fundamental and covered by a dial 25 inches long, divided into 400 divisions, each division ¼" wide. Readings to 1/10% accuracy. Hand calibrated with crystal oscillators. Supplied with an 11x17" hand drawn calibration chart. Continuously variable in frequency 50 kilocycles to 30 megacycles (6000 to 10 meters). Continuously variable in output ½ microvolt to 2 volts. 400 cycle audio test note. A.C. or D.C. operation. Black crackle finished case. Shpg. wt. 15 lbs.

YJ10883—1 list \$54.85  
Your Cost **\$32.24**



## Model 79 Beat Frequency Audio Oscillator

An excellent instrument for the serv-ice man, P.A. man, or laboratory. Direct heading 50 to 10,000 cycles, with good wave form output. Less than 5% distortion at all frequencies above 100 cycles, under full load and at maximum output. Includes vacuum tube voltmeter, which permits zero-beat adjustment—indicated by no output in the V.T. voltmeter. Delivers 150 milliwatts into a 5,000 ohm load, or approximately 27 volts. Output impedance—5,000 ohms. Power supply self-contained, for operation from 110 V., 60 cycles, A.C. dimensions—8½x12¾x9½". Supplied complete with 5—76 and 1—80 tubes and full instructions. Shpg. wt. 20 lbs.

YJ10441—1 list \$50.00  
Your Cost **\$50.88**



## Model CRA Oscillograph

### Combines Oscilloscope, Amplifier, and Linear Sweep

Combines in one instrument all the facilities necessary for complete cathode ray analysis. Includes linear sweep and synchronizing circuits. All important controls are located on the front panel and arranged for easy operation. Semi-variable adjustments are removed to the side where they are conveniently accessible. Input amplifier permits a sensitivity of .4 RMS volt per inch. A compensated and amplified linear sweep circuit with phasing control provides a sweep rate of 15 to 16,000 cycles per second for use with potentials of frequencies as high as 100,000 cycles per second. Specially designed mounting permits the cathode ray tube to be rotated to compensate for variations in manufacture. This instrument when used with the Model 81 Oscillator, or

any other frequency modulated oscillator, provides complete facilities for visual plotting of radio frequency amplifier selectivity or frequency response curves. When used with a calibrated audio oscillator, such as Model 79, audio amplifier response characteristics may be observed. Other extensive uses of this instrument are: Voltage and Current measurements, Phase measurements, Distortion in the A.F. Amplifier, Hum analysis, Measurement, Modulation Analysis, etc.

The tubes used are: 1 Type 906 or 908 Cathode Ray, 1—57, 1—2A5, 1—885, 1—80, and 1—81. Dimensions are 13½" H. by 8¾" W. by 18" deep. Sturdy mechanical construction is employed throughout. With complete instructions, in book form—shown at left. Shpg. wt. 32 lbs.

YJ10552—Oscillograph, with tubes.  
Your Cost **\$77.90**



## Model CRB Oscilloscope and Amplifier

Visually pictures the:

- ✓ Percentage of Modulation
- ✓ Amount of R. F. Distortion
- ✓ Class "C" Amp. Excitation

The Model CRB Oscilloscope incorporates an input amplifier, the response of which is virtually flat from 15 cycles to 100,000 cycles per second. By the addition of this amplifier to the oscilloscope the sensitivity is increased to .4 RMS volt per inch. Complete variation from maximum amplification to zero gain is afforded by an attenuator on the control panel. This instrument may be used with a frequency modulated oscillator, such as the Model 81—described below, for visual plotting of radio frequency selectivity curves. When used

with a calibrated audio frequency oscillator, such as the Model 79, it is possible to make audio frequency circuit analysis, i.e., measure distortion in an A.F. amplifier, measure output, analysis of radiophone modulation, etc. Adjustments are provided for beam centering, horizontal and vertical excursion (amplitude), brilliance and focus. A 60 cycle harmonic sweep is controlled by a panel switch. This unit supplies complete power, from 110 volt, 60 cycle line, for the types 906 or 908 Cathode Ray tubes. A type 57 tube is used for amplitude amplification. Dimensions of the baked enamel finished steel case, which houses all of the components, are 11¼x8¾x18". Supplied complete with calibration screen holder, amplifier tube, rectifier tube, and Cathode Ray tube. Also,—booklet shown above which clearly explains the procedure for tests and measurements possible with this and above types of instrument. Shpg. wt. 42 lbs.

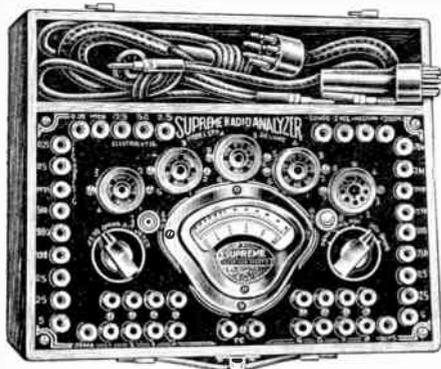
YJ10439—Complete as described. **\$68.20**  
Your Cost



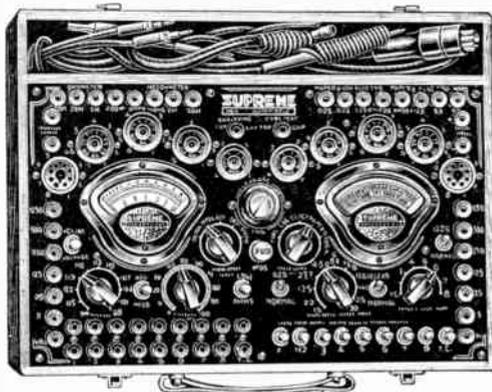
**Perfect Merchandise - Prompt Shipment - Personal Service**

# SUPREME *Testing* EQUIPMENT

## Model 339 DELUXE Analyzer



## Model "385" AUTOMATIC Analyzer



An easy to operate all-purpose analyzer which, in addition to the cable and plug method of analysis, provides a number of jacks on the panel which permit point-to-measurements of all types.

This unit is a combination point-to-point tester and analyzer, providing complete resistance, voltage and current analysis and tube testing direct from the radio socket. Incorporates self-contained power supply. Tests all new tubes, including all new all-metal types with as many as 8 pins. Uses 5" fan-type easy reading meter. All meter ranges, including resistance and output measurements, are applied through the analyzer cable, making it unnecessary to remove the chassis from the cabinet. All voltage and current tests are fundamental and will not become obsolete. The Reference Point System is used, in which the chassis or any tube element may be used as a reference point for all meter tests. A plug and cable are provided, with adapters, for plugging into any tube socket for test. Six output ranges: D.C.M.A. ranges of 0.5/25/125/250/500/1250 M.A.; A.C. and D.C. ranges of 0.5/25/125/250/500/1250 volts; capacity ranges of 0.05/0.25/1.25/2.5/5.0/12.5 mfd. Resistance ranges of 0/2,000/20,000/200,000 ohms and 0/2/20 megohms. In handsome oak case with removable lid. Supplied complete with all test leads, cable, and plug with adapters. Complete instruction booklet for operation of this instrument. Shpg. wt. 16 lbs.

YJ10876

Your Cost

**\$39.15**

Most up-to-date and complete analyzer of the Supreme line. All tests are considerably simplified, thereby facilitating speed when servicing. Prepossessing in appearance—it will enhance the reputation and prestige of the service man as one who keeps modern equipment for servicing, and at the same time enables him to make a more thorough and accurate analysis of trouble. Includes the following features: three ohmmeters 2-200 ohms, 0-2,000/20,000/200,000 ohms, and a high range of 0-2,000,000/20,000,000 ohms. A complete free reference point analyzer with ranges of 0.5/25/125/250/500/1250 A.C. or D.C. volts with all ranges available externally for point-to-point tests. Three capacity testers, one with 6 ranges directly read on the meter scale of 0/0.05/0.25/1.25/2.5/5.0/12.5 mfd. accommodating both paper and electrolytic types; another for non-electrolytic types showing "good" opens, and shorts; and the third for electrolytic types showing "good" or "bad" on a direct English reading scale. An A.C. English reading tube tester which tests all tubes including the new metal 8 prong types, with greater accuracy since they are tested at approximately their rated loads. Includes neon leakage test for indicating shorts or leakage between all elements of all tubes. Dimensions 4 7/8 x 13 3/4 x 16 3/4". Furnished complete with instruction manual. Shpg. wt. 28 lbs.

YJ10977

Your Cost

**\$76.39**

## STANDARD Analyzer Model 339



A great value in the low price analyzer field. For the average service man who cannot afford the more complete and expensive analyzers, this unit will be found most suitable. Permits all point-to-point tests in addition to socket voltage analysis. A 12 point rotary switch permits selection of the following meter ranges: 0.5/125/500/1250 volts A.C. or D.C.; 0.5/125 M.A., D.C., and 0/2,000/200,000 ohms. Large figures are used on the "ohms" scale for easy readability—the lowest reading being 1 ohm, with 35 ohms in the center of the scale. This calibration will permit checking of inductances or windings in chokes and transformers suspected of having shorted turns. Approximate tests of electrolytics may be made by employing the 200,000 ohms scale—a sharp return of the needle to zero, when test leads are connected to proper poles of the condenser, indicating "charge" and "discharge." Includes complete accessories, instruction manual, new tube base selector, and Free Reference Point System of Analysis Chart. Shpg. wt. 11 lbs.

YJ10875

Your Cost

**\$29.35**

## Model 89—DELUXE Tube Tester



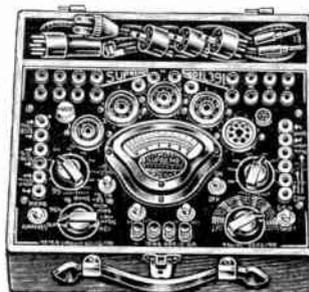
An improved quality tester of all tubes, without adapters, including all the new all-metal tubes and 8 prong types. Assures greater accuracy by testing all tubes under their approximate rated loads. Employs English reading scale and neon leakage test for indicating leakages between all elements of all tubes. Neon condenser tester for indicating leakages and short-circuited conditions. Condenser tester with English reading calibration classifying all electrolytics directly on the scale in terms of "bad" or "good". D.C. voltmeter with external ranges of 0.5/125/500/1250 volts. Point-to-point resistance tester with ranges of 0/2,000/20,000/200,000 ohms, and megohmmeter with ranges of 0/2/20 megohms. All ohms and megohms ranges operate from self-contained power supply. This tester will suffice for most service men for locating a average receiver troubles, since it will check with positive accuracy all resistors, condensers, tubes, voltages, and continuity tests. Supplied complete with test leads and instruction manual in handsome oak carrying case with tube chart mounted in the cover for quick reference. Shpg. wt. 11 lbs.

YJ10976

Your Cost

**\$45.03**

## Public Address Analyzer Model 391



Specifically designed for the P.A. man, it may also be used for radio set trouble-shooting. Features include the following: measurement of direct currents, from the extremely low current in the P.E. cell circuit to the high exciter lamp currents; measurement of D.C. and A.C. voltages from tube biases to high-voltage rectifier windings; determining effective resistance from speaker voice coils to grid leaks; measurement of small to large capacities of both electrolytic and non-electrolytic types. Direct reading of the level of audio currents and voltages in their decibel relations to the accepted reference level. Six A.C. and D.C. volts ranges to 1250 volts. Direct currents of 0/250 microamps. 6 M.A. ranges to 500 mils., 3 ampere ranges to 12.5 amps. 10 capacity ranges to 50 mfd. 6 resistance ranges to 50 megohms. with self-contained power supply. DB ranges (0 level 6 milliwatts in 500 ohm line) —10 to 20 db. and 5 to 35 db. Complete with instructions. Shpg. wt. 15 lbs.

YJ10975

Your Cost

**\$68.55**

# TEST INSTRUMENTS AND PHOTO-ELECTRIC EQUIPMENT

## SUPREME 89 Standard Tube Tester



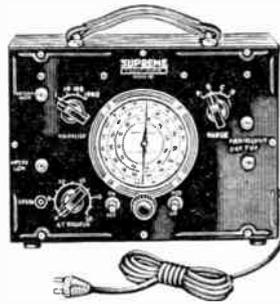
A completely new tube tester at a new low price for servicemen and dealers. Affords most all advantages of other more expensive tube testers and includes every possible modern feature. Includes the new 5" full vision, easy-to-read meter. Calibrated so that it will indicate in terms of "good" or "bad" the efficiency of all types of tubes—including the new all-metal type. Incorporates neon tube leakage test will indicate a short or leakage between any two or all elements of tubes. Tests all tubes at their rated load, which results in more accurate indication of tube condition. All tests simplified and performed quickly.

No adapters—sockets provided for all present and future types. Will detect faulty tubes testing O.K. on old testers and soon pay for itself in extra tube sales. Attractive oak case with cover. Complete, with full instructions and quick reference chart in cover. For operation on 98 to 125 volts, 60 cycles, A.C. only. Shpg. wt. 15 lbs.

**YJ10877—**  
**Your Cost**

**\$34.25**

## SUPREME 189 Signal Generator



An All-Wave Oscillator that every serviceman dreams of having. Thorough and accurate, besides being attractive in appearance. Range: 90 kilocycles to 30 megacycles, with self-contained 400 cycle audio oscillator. Uses an electron-coupled circuit, which affords excellent dynamic stability. Four controls; range selector, 4" airplane dial-direct reading—with 10 to 1 ratio, and ladder attenuator consisting of one multiplier switch and a variable control approximately calibrated in microvolts. 50% modulation of radio frequency carrier. All ranges individually calibrated with guaranteed accuracy of one-half of one

per cent. Completely shielded and supply line adequately filtered. Uses 3 tubes; one—type 36, and two—type 37's. For 110 volt, 60 cycle, A.C. operation only. Complete with instruction manual tubes, shielded output leads, etc. Shpg. wt. 15 lbs.

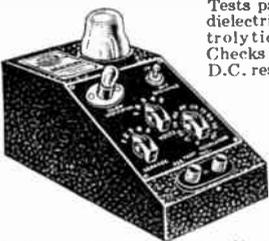
**YJ10880—**  
**Your Cost**

**\$36.20**



## Condenser Analyzer

Every service man and service shop should have one of these instruments.



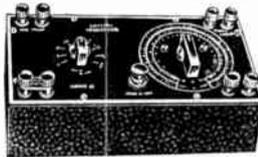
Tests paper, mica, oil dielectric and all electrolytic condensers. Checks by means of D.C. resistance method under an applied voltage. Resultant minute leakage current indicated by means of special Neon Glow Tube

Indicator. Three controls adjust circuit for the allowable electrical characteristics of the condenser under test. Checks opens, shorts, leakage and intermittent condensers. Built-in power supply, for operation on 110 volts, 60 cycles A.C. Voltages up to 700 volts available at terminals. An '01A is used for a rectifier. In metal case 3 3/4" x 4 1/2" x 7 1/2". Finished in durable black lacquer. All binding posts, switches, etc., clearly marked on panel. Shpg. wt. 8 lbs.

**YJ10465—Tobe Condenser Analyzer, with Neon Tube but less '01A.**  
**Your Cost**

**\$11.40**

## New Lafayette Universal Bridge



Contains five resistance and three capacity standards. With these internal standards it is possible to measure resistance from .01 to 1,000,000 ohms and capacities from .0001 to 100 mfd., providing the proper voltage supply and indicating instrument are used. By using an inductance standard it is possible to use the bridge for inductance measurements. For A.C. measurements the 60-cycle line, a telephone buzzer or a vacuum tube oscillator may be used as a voltage source. For D.C. a battery of from 1.5 to 9 volts is used in conjunction with a galvanometer or a volt-milliammeter. The resistance and capacity scales are calibrated directly on aluminum panel. Unit housed in steel case, size 9x4 1/2"x3 1/2". Shpg. wt. 5 lbs.

**YP15969—Completely wired and tested.**  
**Your Cost**

**\$13.45**

Same as above, in kit form. All parts and full instructions included.

**\$10.95**

**YP15970—Your Cost**

## JACKSON All-Wave Oscillator



Frequency range—100 kilocycles to 70 megacycles, fundamental frequencies to 26 megacycles. All ranges directly read on large modern scale with calibration in large legible figures. All controls are clearly marked and conveniently located. Output either modulated or unmodulated, as desired—by simply manipulating proper switch. Modulation 30%—400 cycles. Also, the A.F. voltage is separately available for A.F. tests, bridge measurements, etc. Accuracy —.05% to 2,000 kilocycles, 1% to 15 megacycles. This instrument is completely modern in every detail, highly accurate, and will provide a suitable signal with any desired degree of attenuation for all types of all-wave or standard supers and T.R.F. sets. Complete with tubes, instructions, etc. Shpg. wt. 13 lbs.

**YJ13909—**  
**Your Cost**

**\$32.34**

## RCA 868 Photo-Cell



Caesium type. Excellent sensitivity with high output. Operates on 90 volts. Length 4 1/8" and 1 1/8" diameter. Used in sound heads of RCA Photophone equipment. Standard UX base. Shpg. wt. 1 lb.

**YV19132—**  
**Your Cost**

**\$6.00**



## CETRON Photo-Electric Cells

Caesium type. Has great sensitivity and long life. Used by many manufacturers of talking equipment. Made in two sizes for replacement in standard theatre equipment. May also be used for other industrial purposes.

**Type CE1—Caesium cell used in RCA Photophone, QRS DeVry, Sonoform, Guthrie Sound Equipment, etc., 3" x 1" d.**  
**Your Cost**

**\$7.50**

**Type CE7—Caesium cell used in General Electric and other types of Theater Equipment, Electric Eye, etc., 4x1 1/4" d.**  
**Your Cost**

**\$7.50**



## WESTON Photronic Cell

Delivers an electric current when exposed to light. Current varies with light intensity from 1 microampere on 1 foot candle to approximately 5 mills. in daylight. Bakelite case 2 1/4" dia., 1" thick. Shpg. wt. 1 lb.

**YN14139—**  
**Your Cost Each**

**\$7.35**

## RHAMSTINE "Electric Eye" & Light Source



When used in conjunction with suitable "Light Source," the "Eye" may be used as counter, sorter, checker, in alarm systems, window displays, and for many other industrial and experimental applications. Consists of caesium cell, relay with heavy contacts, and amplifying stage. Shpg. wt. 6 lbs.

**YN14140—**  
**Your Cost**

**\$15.35**



## Light Source

Built to match the above. Consists of a light bulb, transformer, and magnifying lens—all housed in a metal cabinet. Light bulb is adjustable for focusing. For use on 110 volts A.C. Shpg. wt. 6 lbs.

**YN14141—Complete with line cord and plug.**  
**Your Cost**

**\$7.00**

## PESE Cell and Supersensitive Relay



A photo-conductive type cell that varies its resistance from dark to bright light at a ratio of approximately 18 to 1. Will pass 150 microamperes at 90 volts. This is sufficient current to operate moving coil type relays without amplification. Better results are obtained when used with a single stage

of amplification. Although suitable for many small industrial applications, these units are designed expressly for experimental use. Relay is sensitive enough to operate with as little as 1 milliamper use. Secondary contacts will handle up to 1 ampere, 3000 ohms D.C. resistance. Valuable booklet giving complete instructions for using this cell is included with each unit. Shpg. wt. 2 lbs. each.

**YN14187—Pese Photo-Electric Cell**  
**Your Cost**

**\$1.50**

**YN14188—Pese Supersensitive Relay**  
**Your Cost**

**\$3.00**

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# TRIPLETT "STANDARD" SERVICE EQUIPMENT

## Model 1310 Emission Tube Tester



This tube tester uses an improved circuit which enables emission tube tests to be made, similarly to the Model 120A. Employs large meter, calibrated in terms of "Good" and "Bad," and enables the operator to accept or reject tubes with certainty. Only four controls to manipulate: Load, Tube selection and Shorts, Line and Filament voltages. Permits separate diode tests to be made. All tube checking performed quickly and accurately. Will test any of the all-metal or glass type tubes, whether 4, 5, 6, 7 or 8 prongs. Mounted within an attractive, modernistic two-tone walnut case, with removable cover. May be used for portable work or counter testing. Sloping panel with handy metal charts which furnish all instructions for testing. For operation from 110 volts, 60 cycles, A.C. Shpg. wt. 22 lbs.

**YJ10804**—List \$45.00  
Your Cost

**\$29.40**

## Model 1501 Multi-Purpose Tester



Incorporates, in one instrument, the equivalent of ten separate instruments. **1—Tests All Tubes**, both glass and all metal types, under actual operating conditions, and in terms of "Good" or "Bad," speedily and accurately. **2—Neon Short Test**, accurately checks all tubes for leakages or shorts between elements. **3—Separate Diode Tests**. **4—Neon Tests for Paper Condensers**, shows shorted, leaking or open condensers. **5—Electrolytic Condenser Leakage Test**, indicates on "Good" or "Bad" scale if condenser is still efficient. **6—D.C. Voltmeter and Milliammeter**, has scale reading 0-10, 50, 250, 500, 1,000 volts at 1,000 ohms per volt. D.C. Milliammeter 0-10, 50, 250. **7—Ohmmeter**, reads resistance directly on 1000-10,000-100,000-1 meg., and 10 meg. scale. **8—A.C. Voltmeter**, 0-10, 50, 250, 500, 1,000 volts at 500 ohms per volt. **9—Decibel Meter**, scale reads -100 to +15 db. **10—Impedance Meter**, for 60 cycle use, with charts. All supplied in attractive modernistic case, for portable or counter use. With instructions. Shpg. wt. 28 lbs.

**YJ10805**—List \$70.00  
Your Cost

**\$45.74**

## Power Output Tube Tester. Model 1500



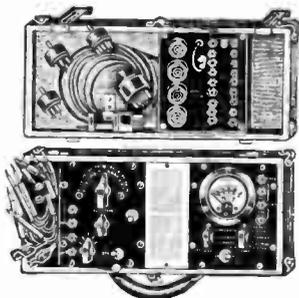
An improved type of tube tester which employs the "gain method" of analyzing a tube's efficiency. Because of this method, all tubes are tested under receiving set operating conditions. Tests all tubes, including all glass and the new all metal 8-prong types. In testing, an A.C. signal is applied to the control grid and amplification is measured on a sensitive voltmeter. Includes neon short test for discerning slightest leakage, or shorts, between all tube elements. Uses A.C. test for rectifier tubes, and makes separate diode A.C. test. All indications are extremely accurate, and tests are made speedily. Employs an outstanding circuit and method for tube analysis. In attractive walnut case of modern design, for portable or counter use. Complete with instructions. Shpg. wt. 22 lbs.

**YJ10806**—List \$55.00  
Your Cost

**\$35.94**

## Portable Laboratory Model 1181

A complete test laboratory. Contains Volt-Ohm-Milliammeter, Tube Tester and All-Wave Oscillator. Has a universal A.C.-D.C. meter having sensitivity of 500 microamperes. Either A.C. or D.C. readings selected by panel switch. The following meter ranges are available: 0-15-150-750 volts A.C. or D.C.; 0-1.5-15-150 D.C. milliamperes; 0-15-150 A.C. milliamperes; 0-1500-1,500,000-3,000,000 ohms. All latest tubes may be checked on Free-Point Tester. All-Wave Oscillator, model 1151, continuously variable from 110-500 K.C., 500-3000 K.C., 2000-6000 K.C., and 4000-18000 K.C. Accurate hand-drawn curves supplied for each range. Positive attenuator permits accurate control of output at all times. Battery operated. All units mounted in oak case 16 1/2 x 7 1/4 x 5 1/2". Shpg. wt. 19 lbs.



**YJ11035**—Model 1181 Tester  
Your Cost

**\$37.24**

**Model 1180**: Same as model 1181, but without Free-Point Auxiliary Set Tester. List \$45.00

**YJ10479**—Your Cost

**\$29.40**

**Model 1151**: All-Wave Oscillator. List \$35.00

**YJ10474**—Your Cost

**\$22.86**

**Model 1125**: Universal Volt-Ohm-Milliammeter only. No finer Universal Meter can be obtained at so low a cost. The meter itself has a 500 microampere movement and not the usual 1 milliammeter which is only half as sensitive. The following ranges are available; A.C. and D.C. voltages of 0-15-150-750, D.C. milliamperes ranges are 0-1.5-15-150, A.C. milliamperes ranges are 0-15-150. The direct reading ohmmeter has three ranges 0-1500-1.5 megohms-3 megohms. All ranges are controlled by a selector switch. Shpg. wt. 11 lbs.

**YJ10473**—Your Cost

**\$19.60**

**Model 1166A**: Free-Point Auxiliary Set Tester only. List \$10.78

**YJ10477**—Your Cost

**\$10.78**

**Model 1167A**: Combination of Models 1166A and 1125. List \$24.50

**YJ10999**—Your Cost

**\$24.50**

**YJ10492**—15 Ampere Shunt for Auto Radio work.

**YJ10493**—30 Ampere Shunt for Auto Radio work.

**Your Cost Each, Either Type**

**\$1.96**

## Power Level Indicator Kits

Power level indicators are used for measuring sound or noise levels in amplifiers for public address, theatres, broadcasting, recording, etc. The DB meter permits the operator to make instant adjustments to prevent sound blasting or distortion. Supplied only in Standard model, range -10-0 +6 db., zero decibel at 1.73 volts, 500 ohm lines, 6 millivolts. Available in constant or non-constant impedance. Meter Cases of moulded bakelite.



### No. 150 Decibel Meter Kit

Non-constant impedance. Includes multipliers for increasing range from +6 db. to +42 db., employing a total of nine multipliers with a 2 deck range selector switch. Ranges from +6 db. are as follows: -10, +14, +18, +22, +26, +30, +34, +38 and +42 db. Besides multipliers mounted on bakelite board and range switch, this kit contains: 1-TRIPLETT 3" meter (non-constant impedance), hook-up wire and complete instructions and blueprints for construction. Shpg. wt. 16 lbs.

**YJ10807**—Complete Kit, Including Meter.

**\$21.24**

Your Cost

**YJ10808**—Meter only. \$11.76

### No. 200 Decibel Meter Kit

Uses TRIPLETT 3" constant impedance meter. Readings up to +22 db. (500 ohm input line) are at a constant impedance of approximately 5,000 ohms. For readings above +22 db., the impedance is approximately 1,300 ohms per volt. This meter has four studs which allow movement to be shunted without altering impedance over 50 ohms. Kit is similar to above, includes range switch, multipliers on bakelite mounting, hook-up wire, blueprints, etc. Shpg. wt. 16 lbs.

**YJ10809**—Kit Complete, Including Meter.

**\$23.07**

Your Cost

**YJ10810**—Constant Impedance Meter only. \$12.58

## TRIPLETT Replacement Meter

For Model 712. 2" D.C. Voltmeter—range 0-15, 60, 300, and 600 volts. Resistance 1,000 ohms per volt. Shpg. wt. 3 lbs.

**YJ10811**—Meter only. List \$16.50

Your Cost

**\$9.71**

**YJ10812**—Resistors for above, on bakelite strip.

\$5.88

# TRIPLETT

# MASTER SERVICE EQUIPMENT



### Model 1220A Tester

Can be used with Model 1200 or any other similar unit for making voltage tests between tube elements including chassis; or current tests in series with tube elements or socket contacts including chassis. The jacks are so arranged that the source of external voltage may be applied to any tube element. This permits testing of the characteristics of the latest tubes. Complete with 6 prong plug and cable, 4, 5, 6, small and large 7, and 8 prong metal tube adapters. Also, full operating instructions. Shpg. wt. 14 lbs.  
**YJ10478—Your Cost Complete \$8.16**



### Model 1210A Tube Tester

This model is supplied in a separate wood case with a bakelite panel. It is an emission type tester, having a 3 1/4" D'Arsonval meter whose scale is directly calibrated in terms of "Good" or "Bad." It will test any type of tube that is made at the present time—including the new all-metal Octal tubes. Will also make short and leakage tests between all elements of all types of tubes. Permits quick and accurate tube testing. Furnished with complete instructions. Shpg. wt. 18 lbs.  
**YJ10448—Model 1210A Tube Tester. Your Cost \$19.60**

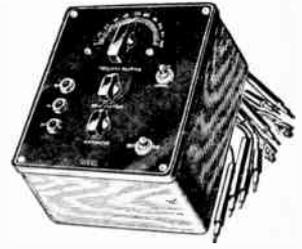
### Model 1211A Case

Quartered Oak case for above tube tester for counter display. Tube charts are fastened to sloping panel. Size: length 12", width 11 1/4", height, front 3 3/4", back 6 5/8". Shpg. wt. 5 lbs.  
**YJ10444—Your Cost \$3.92**



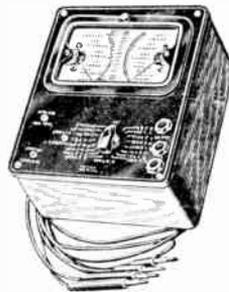
### Model 1230 Signal Generator

The Model 1230 is a stabilized, all-wave, continuously variable signal generator, furnishing frequencies from 100 K.C. to 18,000 K.C., either modulated or unmodulated. A clear 400 cycle note is generated by a type 30 tube which modulates a second type 30 tube generating the radio frequency carrier. A 22 1/2 volt and three flashlight batteries supply the very small amount of power required to operate the tubes. Through the use of three output jacks and the attenuator the variation of output is obtained. Furnished complete with output leads and full instruction data. Shpg. wt. 15 lbs.  
**YJ10469—Model 1230 Signal Generator. Your Cost \$15.02**



### Model 1200 Dual-Meter Universal Tester

A new Dual-Meter Universal Test Instrument providing separate meters for both A.C. and D.C. measurements. The D.C. meter has a 500 microampere movement having an accuracy of 2%. D.C. scales: 0-10-100-250-500 and 1000 volts, 0-1-10, 100, 250, mills, 0-1500 ohms—1 1/2 meg., and 3 megohms. A.C. scales: 0-10-100-250-500 and 1000 volts. Only three jacks are used. Two for measuring all D.C. voltages, D.C. milliamperes, D.C. resistances, A.C. voltages and capacity. Third jack used when measuring output voltages, contains a blocking condenser. Shpg. wt. 14 lbs.



**YJ10468—Your Cost \$21.24**  
**YJ10494—Complete Kit of parts to build this instrument, with full instructions and blueprints but less case which may be purchased separately. Shpg. wt. 11 lbs. Your Cost \$16.34**

### Model 1206 Complete Master Test Set

A complete portable laboratory for the radio service engineer. Contains the finest, most up-to-date instruments in unit form and in one case. These units are the Model 1220A Tester, the Model 1210A Tube Tester which will even test the new all-metal Octal type tubes, the Model 1200 Dual Meter Universal Tester, and the Model 1231 All-Wave Oscillator. These units are completely described on this page, and the combination of all of them in one case permits the serviceman to make any type of test or analysis in sets that range from the oldest and most simplest construction to the present all-wave all-metal tube types. Supplied complete with all adapters in handsome case, with full instructions. Shpg. wt. 28 lbs.  
**YJ10463—Your Cost \$81.02**



### Model 1205A Complete Master Test Set

This unit is identical to the 1206 Master Test Set except that in place of the 1231 All-Wave Oscillator, the Model 1230 Signal Generator is employed. All other units are the same as described for the 1206. While the 1230 is also an all-wave oscillator of modern design, the characteristics are not quite as comprehensive and complete as that of the Model 1231. The features of extended frequency range (up to 30,000 K.C.), extra long 12" scale, etc., are sometimes more desirable to the serviceman and will permit the servicing of extremely low-wave sets. However, for average all-wave sets the 1230 will be found more than satisfactory. Supplied with full instructions. Shpg. wt. 28 lbs.  
**YJ10461—Your Cost \$69.90**

### Models 1231 and 1232 Direct Reading Oscillators

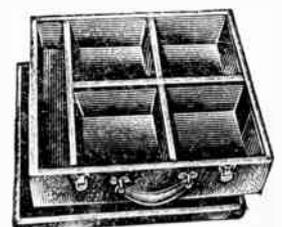
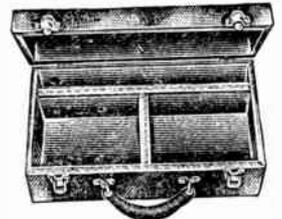


The most modern and complete oscillator made by Triplett at the present time. Frequency range—100 to 30,000 K.C., all fundamentals. Employs frequency stabilization, extra long 12" scale of the vernier type, with direct reading calibration. Specially low-loss switching system that permits quick and efficient changing from any of the 6 bands that cover the entire range of the oscillator. Modulated note is 400 cycles, and jacks are provided for obtaining this audio signal externally. Models 1231 and 1232 have the same features except that 1231 is completely battery

operated (batteries self-contained) and therefore portable, whereas 1232 is built for 110 volts, 60 cycle, A.C. operation. Furnished in regular black Master unit case, with tubes (both models). Supplied complete with full instructions. Shpg. wt. 14 lbs.  
**YJ10442—Model 1231, with self-contained batteries. Your Cost \$26.14**  
**YJ10443—Model 1232, 110 volts. A.C. Oscillator. Your Cost \$26.14**

### Master Unit Cases

These cases are for combining any of the single units described above, i.e.: Models 1220A, 1230, 1210A, 1200 and either the 1231 or 1232. They are available in 1, 2, 3 and 4 separate compartments so that a case can be obtained for combining any number of units. The cases are built of well-seasoned wood covered with black grained leatherette. The compartments are lined with heavy felt material. A separate compartment is provided in each for accessories. Dimensions of the 4 unit case are: length 17 1/2", depth 17", and overall height (with cover) 6".  
**YJ10456—1 unit. Shpg. wt. 7 lbs. Your Cost \$3.92**  
**YJ10457—2 units. Shpg. wt. 10 lbs. Your Cost \$4.58**  
**YJ10458—3 units. Shpg. wt. 14 lbs. Your Cost \$5.22**  
**YJ10459—4 units. Shpg. wt. 16 lbs. Your Cost \$5.88**



**To Speed Handling of YOUR Order--Use Our Order Blank**

# Readrite TEST INSTRUMENTS

Readrite instruments are very popular with service men because of their accuracy, dependability, and very low prices. They permit quick tests, and are designed, within the scope of each, to do their job completely and thoroughly. The Testers are available in two types—one employing Readrite instruments throughout—and the other using a Triplett 1,000 ohm per volt voltmeter. The former will permit all tests to be made with average accuracy, whereas the latter is precise, and therefore more desirable when the slight additional expense can be overlooked.



## READRITE No. 430 Tube Tester

Tests All  
Metal Tubes

An up-to-the-minute tube tester, priced to fit the pocket of any service man or dealer. **Tests all tubes—including the new 8-prong glass and all-metal types.** Test tubes with actual load values applied—resulting in accurate indication of tube's efficiency.

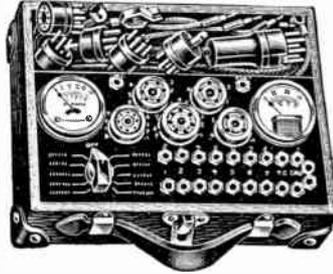
Indicates slightest leakage and all shorts between tube elements. Uses Triplett Model 221 meter with "Good-Bad" scale. Meter is protected against damage. Shadow type meter for (A.C.) for line voltage adjustment. Has double grid cap for metal and glass tubes. Sloping all-metal lithographed panel. Quartered oak portable case, with cover; may be used for counter display or on service trips. For use only on 110 volts, 60 cycles, A.C. Supplied complete with line cord and plug and complete instructions for testing all tubes—glass, glass-metal and all-metal types. Shpg. wt. 10 lbs.

**YK11000—Your Cost.....\$17.64**

### MODEL 431

Same as above, but equipped with READRITE Meters instead. Shpg. wt. 10 lbs.

**YK11001—Your Cost.....\$14.12**



## New!! Model 720A Tester

This point-to-point tester is designed for fast and efficient service work. Requires minimum manipulation and is extremely flexible. So arranged that voltage and current can be measured in any tube circuit. Resistance, continuities, and capacities are also quickly measured. Point-to-point tests are

made through an 8-wire cable and plug connected to the set socket. Tester socket terminals are arranged according to R.M.A. standards. With this method it is unnecessary to remove set chassis to localize defects. All ranges available by connecting through the single pair of jacks. New, Up-to-the-Minute, in design. Made to make tests on chassis employing metal tubes—with the same ease as may be performed on those employing glass types. It contains one A.C. and one D.C. meter. The D.C. scales are 0, 15, 150, 300 and 600 volts, 0-15 and 150 milliamperes. The A.C. scale are 0, 10, 25, 150 and 750 volts. Scales are clearly lithographed on all metal dials. No mental arithmetic required. Overloading of meter is prevented as far as possible by the single selector switch and single pair of jacks for all ranges. Shpg. wt. 11 lbs.

**YK11036—List \$25.00  
Your Cost.....\$14.70**

### MODEL 730A TESTER

Same as above but with a Triplett 1000-ohm per volt D.C. voltmeter. Shpg. wt. 11 lbs. List \$31.00

**YK11037—Your Cost.....\$18.23**

## Direct Reading Ohmmeter Model 500

Mounted in seamless steel case 4" in diameter. Provides direct readings of ohmages up to 10,000 and D.C. volts up to 4.5. Model 502 furnishes readings up to 10,000 ohms on one scale and up to 40 ohms on second scale. Both are complete with a small 3 cell battery and leads. Shpg. wt. 2 lbs.

**YK11020—\$6.50 List \$3.82  
Your Cost.....**

**Model 502  
YK11005—List \$7.75 \$4.56  
Your Cost.....**

**Model 506**

Same style as above but with Triplett voltmeter 0-1½ having resistance readings 50,000 and 500 ohms. Zero adjustment on front of meter.

**YK11154—List \$14.25 \$8.38  
Your Cost.....**

## Capacity Meter Model 800

Used for testing paper condensers only. The A.C. meter reads directly in microfarads .008 to 10. Two scales, upper, .008 to .25; lower, .1 to 10 mfd. Contains rheostat, switch, test leads, and plug for A.C. 60 cycle connection. Metal case 4½" in diameter, baked enamel finish. Full instructions and charts are furnished for testing from 10 to 400 henrys, and resistances of from 40 to 100,000 ohms. Very handy and inexpensive servicing instrument for service shop or portable use. Shpg. wt. 2 lbs.

**YK11022—List \$8.75 \$5.14  
Your Cost.....**



## Model 710A

This model is similar to the 720A Tester except that it has three meters. The following scales are available: 0, 20, 60, 300, 600 volts D.C.; 0, 10, 140, 700 volts A.C.; 0, 15, 150 M.A. Will test chassis employing new metal tubes. Shpg. wt. 7 lbs.

**YK11026 List \$27.50 \$16.17  
Your Cost.....**

Model 712A Tester is similar to above except using a Triplett 1000-ohm per volt direct scale reading ohmmeter when used

**YK11045 List \$37.00 \$21.76  
Your Cost.....**

## All-Wave Oscillator



## New! Model 554A All-Wave Oscillator

A complete all-wave oscillator that covers all frequencies from 110 K.C. to 18,000 K.C., in four bands. All ranges carefully calibrated on charts. Completely shielded and self-modulated. Size 6x12x5". Supplied with shielded connecting leads, "30" tube, 22½ volt B battery and 2 unit cells. Model 553 is equipped with READRITE output meter, Model 556 with TRIPLETT meter. Either type will permit satisfactory realignment.

**YK11027—Model 553  
Your Cost.....\$17.05  
YK11034—Model 556  
Your Cost.....\$18.82**

A thoroughly stabilized oscillator employing fundamental frequencies only. Range, 100 K.C. to 21,000 K.C.—by means of 5 plug-in coils. For additional ranges it is only necessary to add new coils. Employs 2 type—30 tubes, one as oscillator—other as modulator. Calibration curves for each band. Furnished in black portable leatherette case with self-contained batteries; complete with coils and tubes. Shpg. wt. 12 lbs. List \$24.00

**YK11002—Your Cost.....\$14.12**

## HOYT Hot Wire Ammeters

For measuring the output of small transmitters. Not affected by variations in frequency. 3" overall diameter; mounts in 2¼" hole Shpg. wt. 1 lb. List \$5.50

**YJ10445 Range 0-1.5 amps. YJ10446—Range 0-3 amps.  
YJ10447—Range 0-5 amps. \$3.24  
Your Cost, Either Type.....**



## Output Meters



A practical instrument for measuring output of a radio net when used in conjunction with an oscillator for aligning R.F. and I.F. circuits. Contains copper oxide rectifier. Two ranges available: 0-5 volts for connection to voice coil, 0-50 volts for connection to plate of tube. Model 555 mounted on metal panel with jacks and test leads. Shpg. wt. 4 lbs.

**YK11038—Your Cost.....\$4.27**

Model 575, similar to above except in a round steel case. Shpg. wt. 4 lbs.

**YK11039—Your Cost.....\$4.85**

## Air Cell Tester



**Model 777**

This new tester is a scientifically designed Readrite instrument. It is made for the checking of air-cell type or 2 volt batteries. It gives a true picture of the condition of the batteries. A very simple meter to operate as there are but only two leads in making connections. The meter is furnished complete with full instructions and mounted in an attractive Model 85 black case with a pair of 36" spade terminal leads. Shpg. wt. 3 lbs.

**YK11040—Model 777 Tester.  
Your Cost.....\$1.62**

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# TRIOLET PANEL TYPE Precision METERS

In the design of these moving coil instruments possessing the finest precision qualities, nothing has been spared to make them the leaders in the field. The finest material; case of 3" meters are of bakelite with all terminals moulded in and the bearings of genuine sapphire jewels mounted in adjustable screws. The 2" case meters are similarly constructed—but are mounted in metal cases. Accuracy within 2%. A.C. meters are of the movable iron repulsion type giving a steady and accurate reading. Shipping weight of 2 and 3 inch meters are 3 lbs.

### Voltmeters

#### Model 321 (1000 Ohms per Volt)

Stock No.	D.C. Volts	Your Cost
YK11240	0-10	\$5.39
YK11241	0-50	
YK11242	0-100	\$5.71
YK11243	0-150	
YK11244	0-500	7.18
YK11245	0-1000	10.46

### D.C. Voltmeters (125 Ohms per Volt)

D.C. Volts	Stock No.	Your Cost	Stock No.	Your Cost
0-5	YK11230		YK11247	
0-10	YK11231		YK11248	
0-15	YK11232	\$3.75	YK11249	\$2.94
0-25	YK11233		YK11250	
0-50	YK11234		YK11251	
0-150	YK11236		YK11253	
0-250	YK11237	4.58	YK11254	3.75
0-500	YK11404	6.04	YK11405	5.07

### A.C. Voltmeters

A.C. Volts	Stock No.	Your Cost	Stock No.	Your Cost
0-3	YK11402		YK11403	
0-5	YK11273		YK11280	
0-10	YK11274	\$3.75	YK11281	\$2.94
0-15	YK11275		YK11282	
0-25	YK11276		YK11283	
0-50	YK11277		YK11284	
0-150	YK11279	4.58	YK11286	3.75
0-300	YK11406	5.39	YK11409	4.73
0-1000	YK11407	10.46	YK11410	9.64
0-15-150	YK11408	6.05	Not made in 2"	

### D.C. Milliammeters

3 1/2" meters are bakelite cased. 2" meters are metal. Model 321 is 3 1/2" in dia., flush mounting. Model 223 is 2" dia., flush clamp-on type. All calibrated within 2% accuracy.

D.C. M.A.	Stock No.	Your Cost	Stock No.	Your Cost
0-1	YK11200		YK11208	
0-1.5	YK11201	\$4.58	YK11209	\$3.75
0-3	YK11411		YK11415	
0-5	YK11412		YK11416	
0-10	YK11202		YK11210	
0-15	YK11203		YK11211	
0-25	YK11394		YK11398	
0-50	YK11204		YK11212	
0-100	YK11205	\$3.75	YK11213	\$2.94
0-150	YK11413		YK11417	
0-200	YK11206		YK11214	
0-250	YK11414		YK11418	
0-500	YK11207		YK11215	
0-750	YK11396		YK11400	
0-1000	YK11397		YK11401	

### A.C. Milliammeters

A.C. M.A.	Stock No.	Your Cost	Stock No.	Your Cost
0-10	YK11419		YK11420	
0-15	YK11265		YK11269	
0-25	YK11266		YK11270	
0-50	YK11267	\$3.75	YK11271	\$2.94
0-100	YK11268		YK11272	
0-250	YK11421		YK11423	
0-500	YK11422		YK11424	

### Ammeters Thermo-Couple Type

High frequency meters in bakelite cases with 3" scale. Accuracy—within 2% at any frequency. All models use external thermocouples. These meters are extensively used by all amateurs. As an indicator for R.F. power into the antenna—no finer meter is obtainable.

Range Amps.	Stock No.	Your Cost	Stock No.	Your Cost
1.	YK11391		YK11425	
2.5	YK11392	\$10.46	YK11426	\$9.48
5.	YK11393		YK11427	

### A.C. Ammeters

A.C. Amps.	Stock No.	Your Cost	Stock No.	Your Cost
0-1	YK11255		YK11260	
0-3	YK11256	\$3.75	YK11261	
0-5	YK11257		YK11262	\$2.94
0-10	YK11258		YK11263	
0-25	YK11259	4.58	YK11264	3.75
0-30	YK11429			

### D.C. Ammeters (Self-Contained Shunts)

D.C. Amps.	Stock No.	Your Cost	Stock No.	Your Cost
0-1	YK11216		YK11223	
0-5	YK11217	\$3.75	YK11224	\$2.94
0-10	YK11218		YK11225	
0-25	YK11436		YK11437	
30-0-30	YK11221		YK11228	

### Volt-Ohm-Milliamp. Meters

The following instruments are foundation meters (0-1 m.a.), 100 ohms internal resistance. Resistors, in kit form, available for each range.

YK11438—Model 321. Scale reads 30,300, 600 volts; 30,300 ma; and 100,000 ohms.  
**Your Cost \$4.90**

YK11439—Resistors for volts scale.  
**Your Cost \$5.71**

YK11440—Resistor Kit for MA scale.  
**Your Cost \$1.31**

### Special Meters

YK11441—Ohm Scale Resistor. **65¢**  
**Your Cost**

YK11442—Model 321. Scale reads 10, 50, 250, 500 volts; 10, 50, 250, 500 ma; 100,000 ohms.  
**Your Cost \$4.90**

YK11443—Resistor Kit for Volts scale.  
**Your Cost \$5.71**

YK11444—Resistor Kit for M.A. scale.  
**Your Cost \$3.26**

YK11445—Ohmmeter Res. **Your Cost \$65¢**

### Low Resistance Meter

Case 3". For resistances up to 100 ohms. For checking coil windings, fields, etc.

YK11431—0-100 Resistance Meter.  
**Your Cost \$4.41**

### D.C. Microammeters

Range	Stock No.	Your Cost	Stock No.	Your Cost
0-200	YK11432	\$6.86	YK11434	\$7.84
0-500	YK11433	4.09	YK11435	6.04

Bakelite cases on both models.

## Panel Meters Model 55

A sturdy and reliable line of inexpensive testing instruments that is very popular with the serviceman. Panel mounting type. Nickel plated bezels. Panel opening 2 3/4". Shpg. wt. 1 lb.

Stock No.	M.A.	List	Your Cost
YK11050	0-5	\$2.20	\$1.32
YK11100	0-10	2.00	1.18
YK11101	0-15	1.00	
YK11102	0-25	1.00	
YK11103	0-50	1.00	
YK11104	0-100	1.00	<b>59c</b>
YK11105	0-150	1.00	
YK11106	0-200	1.00	
YK11107	0-300	1.00	
YK11108	0-400	1.00	
YK11109	0-20/100	2.00	<b>\$1.18</b>
YK11110	0-15/150	2.00	

### D.C. Voltmeters

Stock No.	Range	Ohms	Your Cost
YK11051	0-1	30	
YK11052	0-3	175	
YK11053	0-5	410	
YK11054	0-6	550	
YK11055	0-8	850	
YK11056	0-10	1475	<b>59c</b>
YK11057	0-15	2914	
YK11059	0-25	1825	
YK11060	0-25	7720	1.62
YK11061	0-50	8250	.59
YK11062	0-50	15440	1.94
YK11063	0-100	6500	.88
YK11064	0-100	30888	1.94
YK11065	0-150	9750	1.03
YK11066	0-150	46320	<b>\$1.94</b>
YK11067	0-300	92640	
YK11068	0-500	154400	<b>\$2.65</b>
YK11069	0-500	92640	

## Readrite

### D.C. Ammeters

Stock No.	Amps.	List	Your Cost
YK11091	0-1	\$1.00	
YK11092	0-3	1.00	
YK11093	0-5	1.00	
YK11094	0-10	1.00	
YK11095	1-0-1	1.00	<b>59c</b>
YK11096	3-0-3	1.00	
YK11097	6-0-6	1.00	
YK11098	10-0-10	1.00	
YK11099	20-0-20	1.00	

### A.C. Voltmeters

Stock No.	Amps.	List	Your Cost
YK11072	0-4	\$2.75	
YK11073	0-6	2.75	
YK11074	0-10	2.75	<b>\$1.62</b>
YK11075	0-15	2.75	
YK11076	0-150	4.50	2.65
YK11077	0-300	5.50	3.23
YK11079	0-750	7.75	4.56
YK11080	0-10-140	4.50	2.65

### A.C. Ammeters

Stock No.	Amps.	List	Your Cost
YK11081	0-1	\$2.75	
YK11082	0-3	2.75	<b>\$1.62</b>
YK11083	0-5	2.75	
YK11084	0-10	2.75	
YK11085	0-50	3.25	1.94

### A.C. Milliammeters

Stock No.	Amps.	List	Your Cost
YK11087	0-50	2.75	<b>\$1.62</b>
YK11088	0-100	2.75	
YK11089	0-250	2.75	
YK11090	0-500	2.75	



**Front or Bottom Illuminated Type**  
Stock No. YK11182  
M.A. Scale 0-10



**Rear Illuminated Translucent Dial**  
Stock No. YK11186  
M.A. Scale 0-10

## Flanges for Model 55 Meters

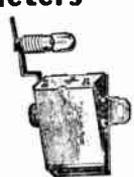
Black enameled finish, 2 3/4" outside dia. Can be used with similar meters having case dia. 2 3/4". Hardware included.  
**YK11041—Your Cost \$9.00**



### Resonance Tuning Meters

High resistance type milliammeters used in the plate circuit in sets for visual tuning. Mounted in strong metal case. The circuit is brought to resonance when the needle swings to its furthest position. Scale and pointer behind glass covered opening. 6" cable leads and attachment studs and nuts supplied.

**Your Cost Any Type \$88¢**  
Each.....



**Shadowgraph**  
Stock No. YK11295  
M.A. Scale 0-10



**Edgewise Mount. Shadow Illum.**  
Stock No. YK11190  
M.A. Scale 0-10

Escutcheons as illustrated. **Your Cost \$18¢**

YK11292—List Each 30c  
**Your Cost \$18¢**

YK11191—List Each 30c  
**Your Cost \$18¢**

# RCA and DAYRAD TEST INSTRUMENTS

## RCA Cathode Ray Oscillograph



Designed to permit the service engineer to analyze receivers, amplifiers, etc. more thoroughly, this new oscillograph makes use of the type 906 cathode ray tube. The instrument is indispensable for such purposes as: measuring frequency and magnitude of hum; checking percentage of modulation; examining wave forms; aligning the multitude of circuits used in the newer types of receivers. This oscillograph incorporates many new features. A single stage amplifier with uniform frequency characteristics from 20 cycles to 90 kilocycles is used to increase sensitivity in the vertical direction. A similar amplifier is also used to increase sensitivity in the horizontal direction. A switching arrangement is provided so that the amplifiers may be thrown in or out of the circuit. The timing axis has a frequency range from 20 cycles to 15,000 cycles, and is controlled from the front panel. The amplifier feeding the horizontal axis may also be used to amplify the timing oscillator. Provision is made for both internal and external synchronization and both vertical and horizontal beam shift, so as to obtain a standing image with proper framing. Unit is housed in a metal cabinet finished in black crackle and provided with a carrying handle. Amplifiers use 1-879, 1-885, 1-80, 2-57's. Operates on 110 volts A. C. power consumption 85 watts. Size 10½x6x16". Shpg. wt. 25 lbs.

**YN13943—RCA Cathode Ray Oscillograph, type TMV-122B. Complete with all tubes and 906 Cathode Ray Tube**  
**Your Cost.....\$84.50**

## RCA Test Oscillator TMV-97-C (can be used with Oscillograph)

A compactly constructed, self-contained R.F. oscillator designed for use in conjunction with all types of radio receivers. Similar to the type TMV-97-B which preceded it, this model has been improved so that all necessary equipment for use with the oscillograph and frequency modulator listed at left have been incorporated. These parts include a jack for the frequency modulator, a "Hi-Lo" switch, a modulation switch, a new range switch and dial, etc. The range covers from 90 K.C. to 25,000 K.C. (3300 to 12 meters) in eight steps. Uses individual coils for each band. The dial scale is calibrated directly in frequency and is accurate to within plus or minus 3%. Circuit employs two '30 tubes and requires one 22½ volt "B" battery and one 4½ volt "C" battery. Attenuator efficient over entire range. Variable Vernier control adjustable from 6:1 to 20:1 ratio. Signal modulated or unmodulated. Exceptionally well shielded. Enclosed in black wrinkle finished aluminum case with carrying handle. Size 8½x9¼x4½". Shpg. wt. 3½ lbs., less batteries.



**YJ10561—TMV-97-C Test Oscillator, with tubes but less batteries**  
**Your Cost.....\$34.50**  
 The Model TMV-97-C Test Oscillator may be procured with accuracy of plus or minus 1% at an additional cost of \$5.00.

## RCA Frequency Modulator

For aligning receivers with the RCA Oscillograph. Provides the necessary frequency variation and the A. C. synchronizing voltage. Combined motor-driven A. C. generator and variable capacitor. Two ranges 15 and 30 mmfd. 25 sweeps per second. 14" low capacity cable supplied. The generator frequency is two cycles per revolution permitting positive synchronizing for double sweep alignment. The generator voltage is 1.5 volts minimum. Current consumption is 25 watts. 8½x9¼x4½" deep. Shpg. wt. 8 lbs.



**YJ10482—Your Cost.....\$27.50**

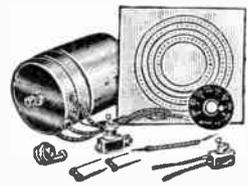
## "Glow Tube" Output Indicator

A small, compact visual output indicator designed for use with an oscillator when aligning radio receivers. Consists of a tapped step-up transformer, a potentiometer, a glow tube and three binding posts for connecting the output of the set to the transformer. Output impedances: 0.6, 1.5 and 4 ohms. Glow tube is extremely sensitive. Bakelite case. Size 5½x2¾x2¾". Shpg. wt. 2 lbs.



**YJ10595—Your Cost.....\$4.00**

## Oscillator Modernization Kit



Contains all parts necessary to convert TMV-97-B units for use with the oscillograph and frequency modulator. Includes the shielded coil assembly, sweep circuit jack, "Hi-Lo" switch, modulation switch, dial scale, escutcheon plates and all necessary resistors. Instruction book and drilling template included. Shpg. wt. 2 lbs.

**YJ10562—Your Cost.....\$4.75**

## Beat Frequency Oscillator

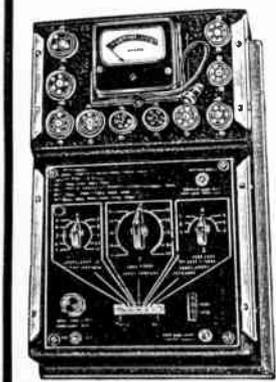


For use with any short wave superhet having intermediate frequency between 415 and 700 K.C. Receiver must also be able to supply power for additional tube filament. Just three wires to connect. For 2.5 volt sets, use 58 tube; a 6D6 with 6.3 volt sets. Unit is of the electron coupled type. Control rod varies pitch of note. Entire assembly on metal chassis 7x2¾x7". Shpg. wt. 7 lbs.

**YJ10563—Oscillator, \$7.50 Less Tube, Your Cost**

## DAYRAD SERVICE EQUIPMENT

### Model 36



## Model 25 "Index" Locater Tube Checker

Something new and radically different. It is simple to operate, and will sell tubes quickly. The new Dayrad "Index" quickly selects setting of tube to be tested. No charts or instructions to follow—just turn index wheel until type number appears and all settings are immediately indicated. Tests all present type tubes, including the new metal types. Tests leakages up to 2,000,000 ohms; tests noisy tubes; English reading dial indicates "Poor" and "Good" tubes; wide range line voltage control—100 to 130 volts. Shorts and leakages indicated by "Micro-Leak" Neon test lamp. Meter of the full-vision switch-board type. Metal counter case, two-toned finish. Grid cap fits metal or standard tubes. Shpg. wt. 30 lbs.

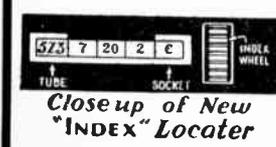
**YJ10564**  
**Your Cost.....\$36.75**

## Signal Generator v 60-60,000 K.C. V.A.C. Operated v Built-In Output Indicator

All-wave coverage; range from 60 to 60,000 K.C. (5000 to 5 meters). Six separate bands using fundamental frequencies only. Individual coils for each band. Each band individually calibrated. Vernier control with high reduction ratio. Absolute attenuation from lowest to highest frequency. Circuit uses one 6C6 R.F. Electron Coupled Oscillator, one 37 Audio Oscillator and 1-37 Rectifier. A 400 cycle note is available. Signals modulated or unmodulated as desired. Low and high output connections. Built-in neon tube output indicator with variable adjustment. All circuits individually shielded. In metal case with black crystalline finish. Size 10x7x4½". Shpg. wt. 14 lbs.

**YJ10872—All-Wave Signal Generator, for 110 Volts, 50-60 cycles A.C. Complete with tubes.**

**Your Cost.....\$31.75**  
 Similar in appearance to above. Uses two 30 tubes. Range from 60 to 20,000 K.C. (5000-15 meters). Batteries included in case. Shpg. wt. 14 lbs.  
**YJ10873—Your Cost, with Batteries.....\$31.75**



Close-up of New "INDEX" Locater

# Meter WESTON Analyzers

THE STANDARD OF COMPARISON

## Model 692 Oscillator



The servicing scope of this instrument is greater than that of any other similar unit ever offered by this company. Includes such attractive features as: All frequencies—from 100 K.C. to 22 megacycles. Low minimum signal—special attenuator system—attenuates below 1 microvolt, permitting alignment of AVC receivers below the AVC point. Presents constant 200 ohms impedance to receiver allowing set to function normally while being aligned. High maximum signal, approximately .2 volt, necessary to drive an I.F. signal through a receiver from ANT. and GND. posts. Battery operation—permitting complete portability and usefulness under all conditions. 50% modulation at all frequencies. Hand calibrated curves. External modulation, permitting use of phonograph or A.F. characteristics of receivers, RCA constant frequency records for studying. Shpg. wt. 14 lbs.

**YJ10546—Your Cost, Complete**

**\$62.47**

## Model 770 Tube Checker



A de-luxe up-to-date unit which will permit fast and accurate tube checking. The instrument proper is completely enclosed in a cast aluminum case of very attractive and modern design. A total of eight sockets permit testing of any type tube, including the new 8 prong all metal types. A line voltage adjustment is available on the center panel operated in conjunction with an instrument line voltage reading, and is so arranged that the line voltage can be read, at any time that tests are being made, by manipulating a toggle switch. Includes a complete inter-element Neon short test. Besides checking all 4, 5, 6, 7 and 8 prong type tubes, an additional combined 6 and small 7 pin socket is provided

for 3 special tubes having combined electrode combinations. Only these 3 special tubes may be tested in it. For 110 volts A.C., 60 cycle use. Shpg. wt. 14 lbs.

**YJ10545—List Price \$53.00**

**Your Cost**

**YJ10544—Carrying Case for above**

**\$38.95**

**\$4.41**

## Model 698 Selective Set Servicer



The Selective Set Servicer has included in it a Weston Universal Volt-Ohm-Milliammeter, equipped with a Model 301 instrument, a complete Model 666, Type 1B Socket Selector Set (includes 8 prong adapter for new Octal sockets for metal tubes); all necessary leads and a substantial leatherette carrying case. The meter ranges are: 750, 150, 15 and 7.5 volts A.C. and D.C., 500,000-5,000 ohms full scale, 3,500-35 ohms center scale (which may be increased, per instructions enclosed with tester, to 5 megohms). 75-7.5 milliamperes D.C. only. Permits voltage, current, resistance, and continuity measurements to be made in any receiver. Ideal for replacing obsolete test equipment at a moderate cost. Insures rapid and satisfactory servicing. Complete with instructions and tube base chart. Shpg. wt. 11 lbs.

**YJ10598—Your Cost**

**\$36.75**

## Selective Analyzer



**Models**

**665-1  
665-2**

Model 665 Selective Analyzer is available in two types. No. 1 is a "Pin Jack Model" and is illustrated. No. 2 employs a Rotary Switch for a more rapid selection of ranges. Both models have the following selection of A.C.-D.C. voltage ranges: 1,000, 500, 250, 100, 50, 25, 10, 5, 2.5, and 1, all with a sensitivity of 1,000 ohms per volt. The current ranges of the Type 1 Analyzer are: 500, 250, 100, 50, 25, 10, 5, 2.5, and 1 M.A., D.C. only. The current ranges of the Type 2 Analyzer are the same except that measurements may be taken up to 1,000 M.A., D.C. only. Resistance measurements may be made from 1 ohm to 1 megohm. Ordinary A.C. measurements, and output readings, are made possible by the use of a copper oxide full-wave bridge rectifier. The entire assembly is mounted in an attractive black finished metal case. With complete sections. Shpg. wt. 7 lbs.

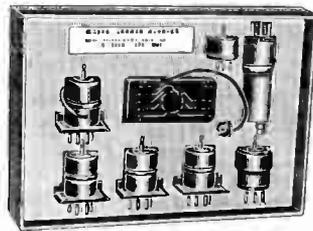
**YJ10549—Model 665-1**

**Your Cost**

**\$55.12**

**YJ10589—Model 665-2. Less Case..... \$51.45**  
**YJ10547—Carrying Case..... 3.67**

## Socket Selectors Model 666-1B



For use with either Model 665-1, -2, to form a complete testing analyzer. Eliminates obsolescence of equipment. The Model 666-1B Socket Selectors provides a most inexpensive and practical means for modernizing analyzers not equipped to handle 7 or 8 (New Metal Tube Types) prong tubes. When used with analyzer, the tester plug may be inserted into any socket of any chassis, and voltage, current, and resistance measurements easily made. Complete with instructions, adapters, etc. Shpg. wt. 3 lbs.

**YJ10571—List \$19.00**

**Your Cost**

**\$13.97**



## Modernizing Adapter Kit

For bringing Model 1A, Selector Set up to 1B—or for any other obsolete analyzer.

**YJ10572—**

**Your Cost**

**\$3.30**

## Model 301

**D.C. Milliammeters**

Stock No.	Range	List Price	Your Cost
YJ10675	1	\$10.00	57.35
YJ10679	5	9.00	
YJ10680	10	9.00	
YJ10681	15	9.00	
YJ10685	50	9.00	
YJ10686	100	9.00	
YJ10687	150	9.00	
YJ10688	200	9.00	
YJ10689	250	9.00	
YJ10690	300	9.00	
YJ10691	500	9.00	

**6.61**

**Micro-Ammeters**

Stock No.	Range	List Price	Your Cost
YJ10701	200*	\$14.25	10.48
YJ10702	500*	14.25	

\* These instruments are adjusted to use in horizontal or 45° position.

**Ohmmeters**

Stock No.	Ohms Scale	Ohms per V.	Your Cost
YJ10627	0-100,000	1000	9.92
YJ10628	0-500,000	1000	

**D. C. Voltmeters**

Stock No.	Range	List Price	Your Cost
YJ10607	10	\$9.00	6.61
YJ10608	15	9.00	
YJ10615	150	11.25	8.27

## WESTON PANEL METERS



## Power Level Indicator Model 301

This bakelite cased meter indicates directly the relative strength of a given signal to a standard reference signal of 6 milliwatts in a 500 ohm load. Self-contained rectifier type, having a scale reading in db.: 10-0+6 db. The instrument alone has a resistance of 5,000 ohms. Shpg. wt. 2 lbs.

**YJ10593—Your Cost**

**\$14.70**

## Model 506, 2" D.C. Milliammeters

Permanent magnet moving coil type 2" panel mounting meters. Accurate within 2%. Ranges above 30 M.A. are shunted—drop approximately 100 M.U.

Stock No.	M.A.	List Price	Your Cost
YJ10817	1	\$8.50	\$6.24
YJ10820	5	7.50	
YJ10821	10	7.50	
YJ10825	100	7.50	
YJ10826	150	7.50	
YJ10828	300	7.50	
YJ10829	500	7.50	

**\$5.51**

## WESTON CARRYING CASE

FOR ALL SINGLE UNIT INSTRUMENTS

Single unit cases are available for individual units with a space for test prods and test equipment.

**YJ10574—Single Unit Case. Specify type unit case to be used.**

Shpg. wt. 3 lbs.

**Your Cost**

**\$3.67**

## MODELS 476

**A.C. VOLTMETERS**

Movable iron type for A.C. only. They are accurate within 2%. 3 1/4" diameter.

Stock No.	Approx. Volts	Ohms per Volt	Your Cost
YJ10752	15	14	\$6.61
YJ10758	150	105	8.27

## Model 476

**A.C. Ammeters**

Stock No.	Amps.	Approx. Total Res.	Your Cost
YJ10779	5	.010	
YJ10780	10	.0058	\$6.61
YJ10781	15	.00219	
YJ10782	20	.00162	
YJ10783	30	.00070	Your Cost
YJ10784	50	.00057	Any Type

## Thermo-Couple Radiation Meters

Stock No.	Model	Stock No.	Amp.
YJ10730	2"	YJ10719	1.0
YJ10731	2"	YJ10724	1.5
YJ10732	2"	YJ10726	2.0
YJ10733	2"	YJ10727	2.5
YJ10734	2"	YJ10728	3.0
YJ10736	2"	YJ10729	5.0

Model 425-3 1/4" **\$11.76**

**Your Cost, Any Type.....**

**Model 507-2" \$10.65**

**Your Cost, Any Type.....**

**Perfect Merchandise - Prompt Shipment - Personal Service**

# NEW *all purpose* TEST INSTRUMENTS

## DEPENDABLE Tube Tester—Model 305C



An attractive, efficient and quick testing tube checker for dealer or serviceman. Tests all tubes, including the new metal 8 prong types. Incorporates a new 5" bakelite fan type meter with English reading scale. Employs separate line-voltage meter with controls. No adapters to use. Makes individual tests of diode, triode, pentode, etc., sections of composite tubes. **Includes Ohmmeter and Continuity Tester**—will measure from 10 ohms to 1 megohm. No batteries required. Also, checks for open, shorted and leaky condensers of all types. Tests for shorts and leakages between all elements of tubes. Etched panel. Available complete or in kit form. Shpg. wt. 10 lbs.  
**YJ10505**—Complete ready for use.  
**Your Cost** **\$21.95**

**YJ10507**—Kit—complete with instructions.  
**Your Cost** **\$17.65**

### PORTABLE MODEL

Combination portable counter type, with removable hinged cover and compartment for tubes and tools. Size 14x11x7 1/2". Features identical with above. Weight of case with tester 9 lbs. Shpg. wt. 14 lbs.  
**YJ10529**—Portable—Counter Type  
**Your Cost** **\$24.55**

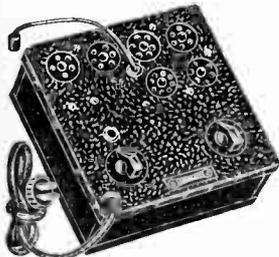


## HICKOK ALL-WAVE R.F. and A.F. Oscillator



Most complete meter-equipped oscillator. Permits frequency modulation for oscilloscope use. Direct calibrated dial—simplifies use and permits quick alignment. Frequency range: 85 K.C. to 40 megacycles, in 8 bands. All fundamentals to 25 megacycles. R.F. modulated 50% by 400 cycles, and available either modulated or unmodulated. Also, 400 cycles separately available. Combines Variable A.F. Signal Generator, besides R.F. Oscillator. Employs double range output meter—output continuously variable in two ranges, from less than .1 microvolt to over .1 of a volt. Calibrated A.F. output continuously variable from 0 to 10,000 cycles—this will permit testing of fidelity of audio systems and speakers at all audio frequencies. R.F. Oscillator uses a frequency corrector which assures extreme precision of calibration and makes possible accurate selectivity measurements. Under actual lengthy tests this oscillator has shown a frequency stability of .05%. The 8 direct frequency reading ranges are as follows: "A" Dial—85 to 300 K.C.; "B"—Dial 300 to 600 K.C.; "C"—Dial 550 to 1500 K.C.; "D"—Dial—1500 to 3200 K.C.; "E"—Dial—3000 to 7000 K.C.; "F"—Dial—6000 to 12000 K.C.; "G"—Dial—1100 to 25000 K.C. and "H"—Dial—22000 to 40000 K.C. Unit is triple shielded. Furnished complete with instructions and output leads. Shpg. wt. 22 lbs.  
**YJ10951**—List Price \$80.00  
**Your Cost** **\$47.04**

## The "Million" Tester



Test-Tubes, Resistors, Condensers, Measures Leakage and Resistance

A multi-purpose instrument for the serviceman who cannot afford expensive test equipment. Will give a visual indication on all tests—as a result of a Neon tube being employed in place of meters. Combines the usefulness of several test instruments in this one unit. Will test for emission of all types of tubes—including the new 8 prong all-metal. Tests for all inter-element shorts in tubes. Checks electrolytics for shorts and leakage. Measures resistance up to 10,000 ohms—and up to 6 megs. by comparison with standard. Can be used as a Neon resonance indicator for alignment. Supplied complete with instructions. Shpg. wt. 10 lbs.  
**YJ10950**—Your Cost **\$8.45**

## MULTITESTER Model 403A



Ohmmeter—  
 Voltmeter  
 Microammeter—  
 Milliammeter

A compact multi-range tester of exceptional sensitivity (2000 ohms per volt) at a truly phenomenal price. **Voltmeter** ranges are: 0-5, 50-250-750 D.C. volts. **Milliammeter** range: 0-50 M.A. **Microammeter** range: 0-500. **Ohmmeter** ranges: 0-2000-20,000-2,000,000

ohms. D'Arsonval movement 3 1/2" meter guaranteed accuracy 2%. Selector switch for selecting circuits and tapered compensator for battery voltage on ohmmeter. 5x8x3". Shpg. wt. 6 lbs.

**YJ10466**—Complete with batteries  
**Your Cost** **\$13.95**

**YJ10467**—Knock Down Kit Model 403AK, complete with instructions for assembling. Less batteries and case.

**Your Cost** **\$10.65**

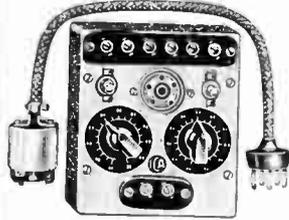
## MULTITESTER Model 406



A highly accurate instrument for portable service or laboratory use. May be used as a voltmeter (2000 ohms per volt sensitivity) ohmmeter and milliammeter. Employs copper-oxide rectifier which allows both A.C. and D.C. voltage readings. An automatic selector switch permits instant connection to desired circuit and range. **Ohmmeter** is in 3 ranges: 0-2000-20,000-200,000 ohms. A tapered rheostat permits smooth zero adjustment on all ohmmeter ranges. Milliammeter has 3 individual ranges: 0-5, 50 and 250 mils. 4-range Voltmeter scale, at 2000 ohms per volt, 0-5, 50, 250, 750, and for A.C.: 0-5, 750 D.C. multipliers and shunts are hand calibrated for accuracy of 1%. All ohmmeter batteries are self-contained. Dimensions 6x8 1/2 x 3 1/2". Housed in attractive leatherette case. Carrying case type extra. Shpg. wt. 6 lbs.  
**YJ10542**—Model 406  
**Your Cost** **\$18.95**

**YJ10543**—Same with hinged cover **\$19.95**

## ICA Vacuum Tube Voltmeter Kit



This kit contains the complete assortment of material required to build the Vacuum Tube Voltmeter recently announced by RCA. Uses the new Acorn type No. 954 pentode tube. This instrument is an ideal unit for servicemen and laboratories, for measuring output (when aligning receivers), A.C. measurements, the audio measurements, etc. The small size of the tube permits its placement so as to avoid long leads and high input capacitances and consequently insure greater accuracy. Measurements can then be made at radio frequencies with the assurance that the Voltmeter will have a minimum effect on the constants of the circuit under measurement. Easily calibrated, effective by-passing insures maintenance of accuracy at high R.F. when calibrated at 60 cycles. Kit is complete, except for microammeter and tube. Parts included are: resistors, condensers, potentiometers, switches, dials, knobs, socket, terminal strips, hardware, and Shielded case crackle finish. Dimensions 6x5x1 3/4". Also includes a 4 wire shielded cable, 5 prong plug, and shield for socket. Case is completely drilled and ready for assembly of all components supplied with it. Furnished complete with instructions and diagrams. Shpg. wt. 15 lbs.

**YJ10541**—Kit only  
**Your Cost** **\$5.88**

1 RCA No. 954 Acorn Tube **\$5.80**

**YJ10702**—Model 301 Weston, 0-500, Microammeter **\$10.48**

## MUTER Resistance Bridge



This is a simple and convenient instrument for measuring resistance with accuracy. Operates on Wheatstone Bridge principle, but is considerably less expensive than instruments of this type. The component resistors of the ratio arm are adjusted to an accuracy of one-fourth of one per cent, and the resistors of the rheostat are adjusted to one-half of one per cent; providing an accuracy in measurements of approximately one per cent in the intermediate steps of the multiplier—decreasing to 5 per cent at the extremes. The power supply consists of a standard 4.5 volt (3 cell) "C" battery and is recommended for all measurements. The range of this instrument is from .01 to 11 megohms. Special heavily silver plated wiping contact snap switches assure minimum contact resistance losses. Provision is made by suitable binding posts for the use of an external battery, or the use of the rheostat as a decade box. The unit combines all the features of appearance, ruggedness, simplicity of operation, wide range, accuracy and portability. The case which houses the instrument is of solid walnut. Face of instrument satin finished black bakelite with white numerals. Leather carrying handle. Polished nickel plated hardware. Supplied complete with instructions for operation. No serviceman can consider his equipment complete without an instrument of this type. It will pay for itself in time saved. Shpg. wt. 15 lbs.

**YJ10952**—List Price \$49.50  
**Your Cost** **\$28.91**



# METER ACCESSORIES

## "Van" A.C. and D.C. Shunts and Multipliers

Accuracy Limits 2%



These multipliers are of a pig-tail type, very light in weight, have no metal end caps, well insulated and may be mounted very close together. They are very compact in size and exclusive of pig-tails, measure  $\frac{1}{4} \times 1\frac{1}{2} \times \frac{1}{2}$ ".

Stock No.	Ohms	List Price	Your Cost
YK10937	3,000	\$1.00	
YK10925	4,950	1.00	
YK10926	5,000	1.00	
YK10938	6,000	1.00	
YK10927	10,000	1.00	
YK10939	30,000	1.00	
YK10928	40,000	1.25	
YK10929	45,000	1.25	
YK10930	50,000	1.25	
YK10944	60,000	1.25	
YK10931	95,000	1.50	
YK10932	100,000	1.50	
YK10945	150,000	1.50	
YK10933	245,000	2.00	
YK10934	250,000	2.00	
YK10974	300,000	2.00	
YK10935	500,000	3.00	1.76
YK10936	1,000,000	3.50	2.06

**58°**  
**73°**  
**88°**

**\$1.18**

## Multiple Shunts

For 27 M. V. Meters

Stock No.	M.A.	Stock No.	M.A.
YK10910	5	YK10913	50
YK10911	10	YK10914	100
YK10912	25	YK10915	500

For 30 M. V. Meters

Stock No.	M.A.	Stock No.	M.A.
YK10960	5	YK10963	50
YK10961	10	YK10964	100
YK10962	25	YK10965	500

For 50 M. V. Meters

Stock No.	M.A.	Stock No.	M.A.
YK10918	5	YK10921	50
YK10919	10	YK10922	100
YK10920	25	YK10923	500

For 100 M. V. Meters

Stock No.	M.A.	Stock No.	M.A.
YK10985	5	YK10988	50
YK10986	10	YK10989	100
YK10987	25	YK10990	500

## Series Tapped Shunts

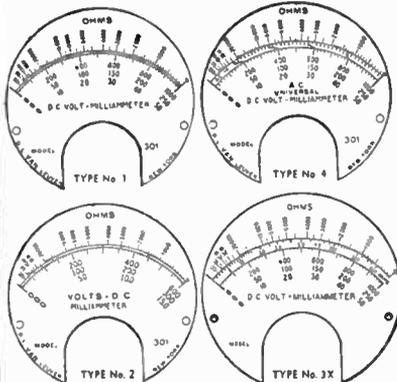


YK10916—For 1 Mill. D.C., 27 M. V. Tapped 10-100 mills. Your Cost Each **\$1.47**  
YK10924—For 50 M. V. Meter. Tapped 5-25-100 mills. Your Cost Each **\$1.76**  
YK10991—For 50 M. V.—no switch required. For direct connection to meters parts. Tapped 10-25-100-500 mills. Your Cost Each **\$2.06**

## NOTE

We carry a complete line of Weston series and shunt resistors. A complete line of Weston analyzers and test equipment will be found listed on page 119.

## Metal and Plyboard Metal Dials



Heavily silver plated metal dials with etched black numerals. Types 1, 2 and 4 for use with Jewell (88-54), Weston (301) and Triplett (321) meters. Plyboard dials in Types 1, 2 and 4 for Beede (701) meters. Type 3X dials in metal for Weston 301 and Jewell 88 fifty millivolt meters. YK10946—Dial No. 1 YK10940—Dial No. 3X YK10947—Dial No. 2 YK10949—Dial No. 4 List Price, Each 75c

Your Cost Each **39¢**

## WESTON Rectifier Type A.C.-D.C. Meter Model 301



Designed for use with external resistances and shunts for measuring D.C. voltages and current and A.C. voltages. Of the permanent magnet moving coil type with a self-contained copper oxide rectifier for A.C. measurements. Self-contained for 5 volts and 1 mill. A.C., and 50 millivolts and 1 mill. D.C. Accurate to within 2% D.C.—5% A.C. YJ10774—List \$19.00

Your Cost **\$13.97**  
WESTON 0-1 MILL., D.C. METER Type 301. Same construction as the above meter. List \$10.00. Your Cost **\$7.35**  
WESTON 2" 0-1 MILL., D.C. METER Type 506. Same construction as the above meter. List \$8.50. Your Cost **\$6.25**

## TRIPLETT 3" Universal A.C.-D.C. Meter

Uses a copper oxide rectifier in an advanced circuit that minimizes losses due to rectification. With multipliers, scale readings are 0-15-150-750 volts A.C. or D.C. at 1000 ohms per volt resistance. D.C. milliamperage readings are 15-150. Ohms scale 0-1500 and 0-1.5 megs. Comes complete with D. P. D. T. switch for changing from A.C. to D.C. Accuracy on D.C.—2%; on A.C.—5%. List \$15.00 Your Cost **\$9.80**

## TRIPLETT 0-1 Mill. D.C. Meters

Type	Stock No.	Your Cost
321—3 1/2"	YK11200	\$4.58
223—2"	YK11208	\$3.75

## LITTELFUSES for Test Instruments

Designed to insure and protect meters and other expensive equipment. Are dependable and accurate. Has many laboratory uses. Breaks circuit immediately on reaching maximum milliampere load. Length 1", diameter  $\frac{1}{8}$ ".



Stock No.	Rating Amps. M.A.	Max. Load on 5 Mil. Resist.	Your Cost Each	Your Cost Doz.
YL12339	1-200	5	50c	\$2.00
YL12385	1-100	10	110	
YL12386	1/2	25	20	
YL12387	1/8	60	5	12c
YL12388	1/4	100	3	\$1.32
YL12389	1/2	100	1.5	
YL12390	1	200	6.2	
YL12391	1/2	300	3.0	9c
YL12392	1/4	400	2.5	1.00
YL12393	1/2	600	4	
YL12394	1	1000	.24	6c
YL12395	2	2000	.14	65c

## LITTELFUSE Mountings

These attractive mountings have a base of moulded bakelite. Are furnished with plated fuse clips, slotted to hold fuse rigid. Has terminals of tinned phosphor bronze. Base is  $1\frac{1}{8} \times 5 \times \frac{1}{2}$ ". YL12383—Your Cost Each **9¢**  
Similar to above but for standard fuses. **8¢**  
YL12324—Each **8¢**



## LITTELFUSE Panel Type Mounting

For sub-panel use. Studs are 1" long and have 6-32 thread. For 1" fuses only. Base of fine bakelite. Size  $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$ ". YN12382—Your Cost Each **12¢**  
Same but for standard size fuses. **9¢**  
YL12327—Each **9¢**



## "Meter-Back" Mounting

Mounts directly on one meter terminal. Will not touch other post, even on smallest standard meter. YK11049—Your Cost Each **12¢**



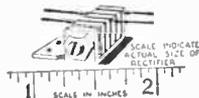
## DAYRAD 4" Square Type Meter 0-1 Mills. D.C.

This new type 4" square meter of the switchboard type has been adjusted to 1 milliamperes at 55 millivolts. Has zero adjustment screw. Very practical for all types of measuring and test instruments. Extremely accurate. Polished bakelite case, full vision scale and steady, knife-edge pointer. An asset to any laboratory. Shpg. wt. 2 lbs. YJ10481—Your Cost Each **\$5.75**



## Copper Oxide Rectifier

For D.C. meter conversion. Converts D.C. milliameters of 15 M.A. or less to A.C. milliameters. With proper resistors can measure up to 1000 volts. Only  $\frac{1}{2} \times \frac{3}{4} \times \frac{3}{4}$ ". Full instructions included. Shpg. wt. 1 lb. Small enough for all practical purposes. YJ10570—Your Cost Each **\$2.95**



Mail Your Orders to NEW YORK, CHICAGO or ATLANTA



# Laboratory Test Prods and Accessories

## RCA Tuning Wand

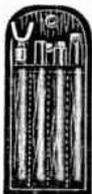
For determining correct alignment without touching trimmers. **YP15024—Your Cost..... 75¢**

## Knurled Nut Wrench



For tightening or removing  $\frac{3}{8}$ " to  $\frac{1}{2}$ " knurled nuts. Overall length 8 $\frac{1}{2}$ ". Shpg. wt. 1 lb. **YP15267—Your Cost Each..... 1.20**

## ICA Neutralizing and Aligning Tool Kit



For all adjustments on any receiver. Contains alligator side wrench, 6" insulated screwdriver, metal nib;  $\frac{3}{16}$ " and  $\frac{1}{4}$ " nut wrench,  $\frac{1}{4}$ " sq. nut insulated wrench,  $\frac{1}{4}$ " hexagon metal side wrench and 2 $\frac{1}{2}$ " insulated screwdriver, metal nib,  $\frac{1}{4}$ " hexagon slotted insulated wrench screwdriver;  $\frac{3}{16}$ " hexagon insulated nut wrench, 5" insulated screwdriver, 6" insulated screwdriver. Shpg. wt. 1 lb. **YP15089—Your Cost. 2.35**

## Aligning Screwdriver and Wrench



Consists of a screwdriver on one end and  $\frac{1}{4}$ " hexagonal opening (for aligning) on the other. Blade length 2", overall length in 3 sizes. Sturdy colored insulation.

Stock No.	Length	Your Cost
YP15100	8"	22c
YP15101	10"	28c
YP15102	12"	30c

## Neutralizing Tool



Carried in the pocket like a fountain pen—has clip for pocket.  $\frac{1}{4}$ " nut wrench with key slot and neutralizing screwdriver on removable inside rod;  $\frac{3}{16}$ " nut wrench in one end of outside barrel. Made of material that will stand hard usage. Shpg. wt. 8 oz. **YP14915—Your Cost Each 38¢**

## Attachments for Above Balneut for Majestic Sets

Overall length 2 $\frac{1}{2}$ ". Has screwdriver and offset socket for  $\frac{1}{4}$ " hex nuts that extends tool handle  $\frac{1}{4}$ ". **YP15085—Your Cost 24¢**



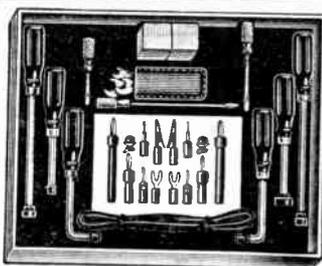
**For Crosley Sets**  
Extends tool  $\frac{1}{4}$ ". Has socket in end for  $\frac{3}{16}$ " square nuts. **YP15086—Your Cost 11¢**

**For Majestic Sets**  
Similar to Crosley but has hex socket. **YP15084—Your Cost 10¢**

## Adjustable Neutralizing Tool



Made of finest grade, unbreakable Fenoline. No metal parts. Screwdriver slides inside neutralizing wrench; other end has hexed socket for neutralizing purposes. **YP15192, extends 6" to 11". Your Cost 34¢**  
**YP15193, extends 10" to 18". Your Cost 49¢**



## Trutest Servicemen's Kit

A complete 30 pc. Kit of test and repair tools including: two 6" spintype wrenches ( $\frac{3}{16}$ " and  $\frac{1}{4}$ " ), two 9" spintype wrenches ( $\frac{3}{16}$ " and  $\frac{1}{4}$ " ), two 7" "offset", spintype wrenches ( $\frac{1}{4}$ " and  $\frac{3}{16}$ " ), three assorted size insulated screwdrivers, three assorted size flat type wrenches, one length each (72") red and black wire, one No. 14915 neutralizing tool and one 5" compensating screw driver not shown, one assortment of red and black test parts including test prods, alligator clips, etc., and one box of assorted radio hardware. Shpg. wt. 5 lbs. **YM12888—Your Cost, Complete Kit..... 2.95**

## Trutest Testing Kit

Combines a complete line of solderless and interchangeable parts for all types of testing. Two long and short insulated test prod handles, two plug-in prongs, two plug-in jacks, two insulated tapered type lugs, two insulated needle point phone tips, two insulated alligator clips. Red parts for positive and black parts for negative identification. Shpg. wt. 1 lb. **YP12972—Your Cost, Special..... 1.03**



## Test Lead Bargain!

37 inch test leads equipped with phone tips at one end and 3-inch insulated Prods at the other end. Sharp pointed prod ends. Flexible wire. A real bargain price for this excellent pair of test leads. Buy a few pairs and keep them on hand. Ends securely soldered. For use with analyzers, ohmmeters and various types of testing equipment. The leads and prods are colored red and black for distinguishing polarity. Shpg. wt. 1 lb. **YM12989—Your Cost 18¢**

## Phono-Needle Test Prods



Sturdy handles with chucks for phono-graph needle. 50" leads, one red, one black. Shpg. wt. 8 oz. **YM12975—Spade Ends. YM12976—Pin Tip Ends. Your Cost Per Pair 27¢**  
**YM12977—Alligator Clip Ends. Your Cost, Per Pair 36¢**

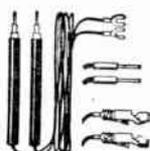
## Pencil Type Test Prods

Spring prongs at the end of prods allow changing from spade lugs to phone tips or to spring clips. Handles 6" long,  $\frac{1}{4}$ " in diam. Needle point phone tips for piercing through insulated wire. Five foot black and red flexible wire. Complete with two Alligator Clips, two needle point Phone Tips, and two tapered lugs. **YM12971—Your Cost Per Pr., Complete 75¢**



Similar to the above prods but without the interchangeable feature. Two Types—with permanently fastened Alligator Clips—and with permanently fastened Phone Tips. **YM12882—Alligator Clips Your Cost 49¢**  
**YM12883—Phone Tips Your Cost 40¢**

## Laboratory Test Prods



Improved type. Has bronze tip with needle point and heavy body. Answers two-fold purpose of needle prod and phone tip prod. Handles 5" long and are extra heavy. Red and black leads 5 ft. long. Shpg. wt. 8 oz. **YM12978—With Spade Tips. YM12979—With Phone Tips. Your Cost (either type) 42¢**  
**YM12980—With Spring Clips. Your Cost 53¢**

## BRACH NEON Test-O-Lite



With this new Test-O-Lite you can find blowout fuses immediately! Will check any voltage between 110 and 550 volts—either A.C. or D.C. Will also check spark plugs, radio sets, household appliances, etc. Neon lamp protected by moulded bakelite case. Pocket size.  $\frac{3}{4}$ " insulated leads. **YM12983—Your Cost 1.10**

## Flexible Shaft Socket Wrench



This tool has an especially flexible socket end, particularly desirable when adjusting Victor model R 32, 35, etc., receivers. Also good for getting to nuts in close corners. Shpg. wt. 2 lbs. **YP15070—Your Cost Ea. 1.18**

## Offset Screwdrivers



For tightening screws in hard-to-get-at places. Hardened high carbon steel, cadmium plated.

Stock No.	Length	Your Cost
YP15146	2 $\frac{3}{4}$ "	9c
YP15147	4 $\frac{1}{2}$ "	12c

## Insulated Hex Neutralizing Wrench



The entire length of the inside of the tube is hexed, so that as one part wears out or breaks it may be easily sawed off, thus saving the expense of a new wrench. Made of sturdy unbreakable Fenoline, will outlive 6 other wrenches. **Stock No. Length Your Cost Each**  
**YP15148 6" 12c**  
**YP15149 8" 15c**

## Short-o-Tester



Contains 2 $\frac{1}{2}$  volt lamp and small flashlight battery. Indicates closed or open circuits when its flexible lead and pin terminal are introduced into the circuit. May also be used as trouble flashlight. Complete with battery and bulb. Shpg. wt. 1 lb. **YM12984—Your Cost 88¢**

## Four-in-One Neutralizer Compensator and "Tool-Kit"

Combines in a fountain pen size compact tool  $\frac{1}{4}$ " and  $\frac{3}{16}$ " nut wrenches, miniature blade screwdriver for neutralizing and a full size insulated handle screwdriver. Fine quality extra strength fiber. **YP15082—Your Cost 65¢**



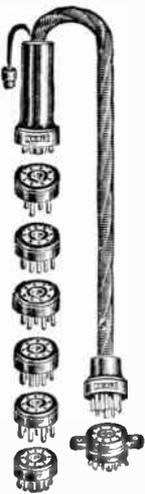
## Neutralizing Tool Set With Metal Nibs



Polished black bakelite handles. Two tools. One consists of a  $\frac{3}{8}$ " diameter 6" long tube on each end of which are heavy brass nickel plated socket wrenches for  $\frac{3}{16}$ " and  $\frac{1}{4}$ " hex nuts. The other tool fits inside the first tool and consists of a  $\frac{7}{8}$ " solid rod, one end of which has a strong screwdriver blade, the other end is of special magnetic steel. **YP15083—Your Cost 72¢**

# NA-ALD ADAPTERS

## New! 9 Wire Octal Analyzer Plug and Adapters



New compact locking adapters with silver plated clips for positive contact. Analyzer plug has special octal locking base. The adapters are of the quick release type. Dual grid stud on analyzer plug.

Adapters	
No.	Type
YK11776	8 to 4
YK11730	8 to 5
YK11731	8 to 6
YK11732	8 to 7
YK11733	8 to 7s
YK11734	8 to 8 Octal

Your Cost... **59¢**

YK11735—Analyzer Plug only. Your Cost... **\$1.47**

YK11777—Analyzer Plug with 9 wire cable to 9 prong plug and 9 contact panel mounting socket. Shpg. wt. 3 lbs. Your Cost... **\$3.23**

YJ11736—Complete Kit of Plug with cable, etc., and adapters. Shpg. wt. 2 lbs. Your Cost... **\$6.76**

Your Cost

## Set Adapters for All New Metal Tubes

For modernizing receivers without the troublesome procedure of replacing sockets and performing rewiring. Simply place the new metal tube in the proper adapter and insert the adapter in the socket previously occupied by the old type tube. No grounding.



Stock	Base of Adapter	New Metal Tube Used	Tube Replaced	Your Cost
YK11737	4 Prongs	5Z4	80	<b>59¢ Each</b>
YK11738	5 Prongs	6F5	76	
YK11739	6 Prongs	6F5	75 Tr.	
YK11740	5 Prongs	6C5	37	
YK11741	6 Prongs	6D5	41 or 42	
YK11742	6 Prongs	6J7	77 or 6 C6	
YK11742	6 Prongs	6K7	78 or 6 D6	
YK11742	6 Prongs	6F6	41 or 42	
YK11742	6 Prongs	6H6	75 or 85	
YK11746	7 Small	6P7	6F7	
YK11747	7 Large	6N7	6A6	
YK11748	7 Small	6A8	6A7	

## Adapters for All-Metal and Octal Base Tubes



These adapters are recommended for checking the complete series of ten New All-Metal tubes. In addition, a series of adapters are offered for checking All Metal Tubes in tube checkers of the earlier types within which no provision was made for testing 6.3 volt glass tubes that have similar characteristics to the metal types.

YK11752—Adapter with octal top and small 7 prong base for checking the new metal tubes as follows: 6A8, 6K7 and 6L7 in the 78 socket; 6J7 in the 77 socket; 6C5 in the 41 socket, and the 6D5 and 6F6 in the 42 socket of any tube checker. Your Cost... **59¢**

YK11737—Adapter with octal top and UX base for checking all-metal full wave rectifier 5Z4 in 80 socket of any tube checker. Your Cost... **59¢**

YK11747—Adapter with octal top and 7 prong base for checking the new all-metal class B Twin Amplifier tube in the 6A6 socket of any tube checker. Your Cost... **59¢**

YK11755—Adapter with octal top and 5 prong base for individually checking each diode section of the 6H6 metal tube. This adapter has a specially designed resistance network for supplying the diode plates with the proper diode test voltage and current. A switch on the adapter provides for checking each section for matching purposes, etc. Used in 36 tube socket of any tube checker. Your Cost... **\$1.47**

## Adapters for Checking Metal Tubes in Earlier Model Tube Checkers

YK11756—Adapter with octal top and 6 prong base for checking the new 6H6 metal tube in the 85 diode socket of any tube checker. Your Cost... **59¢**

YK11757—Adapter with octal top and 5 prong base having a lead with a new metal miniature cap and regular control grid stud attached. Checks the new all-metal 6A8, 6C5, 6D5, 6F6, 6J7, 6K7 and 6L7 tubes in the 36 socket of any tube checker. Also, permits checking the new class B twin amplifier metal tube in the 37 socket of any tube checker. Your Cost... **88¢**

## Universal Tube Checker Adapter for Metal Tubes



For those who prefer a universal adapter this unit will check all New Metal Tubes in any tube checker. Bring the old tube checker up-to-date because of this feature. The instrument has three octal sockets with a neat etched direction plate. Every one of the ten new all-metal tubes may be tested in the 36 socket of any tube checker. It will check all

octal base tubes, glass as well as metal, including the 5Y3, 5Z4, 6A8, 6A8-G, 6B6, 6C5, 6C5-G, 6D5, 6D5-G, 6F5, 6F5-G, 6F6, 6F6-G, 6H6, 6H6-G, 6J7, 6J7-G, 6K7, 6K7-G, 6L7, 6L7-G, 6N7, and 6N7-G. Two toggle switches are provided for a thorough and complete test on all metal tubes, including both plates of the 6H6 and 5Z4, and both sections of the twin class B tube. Supplied with metal tube type screen cap and full instructions for making tests. Shipping wt. 4 lbs. YK11760 List \$6.50 Your Cost... **\$3.82**

## Small-7 Analyzer Plug with All Adapters

Analyzer plug is 7 pr. with dual grid cap for glass and metal tubes, and 5 ft. 8 wire cable. Plug has small base for entering closely shielded sockets. Shpg. wt. 2 lbs.

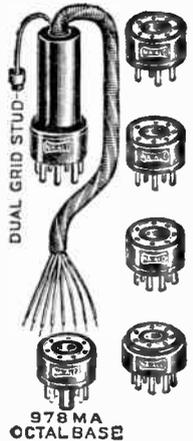
YK11775—Complete, plug, Dual Grid Cap and cable. Your Cost... **\$1.38**

Adapters for Above Stock No. Type Cost

YK11769	S7 to 4	29c
YK11770	S7 to 5	29c
YK11771	S7 to 6	29c
YK11772	S7 to 7	29c
YK11773	7to8 Octal.	

Your Cost... **59¢**

YK11774—Kit of Plug, Adapters, etc. Shpg. wt. 3 lbs. Your Cost... **\$3.15**



## Octal Grid Lug for Analyzer Plugs



Modernizes old analyzer plugs having two grid studs. Replaces one of two regular studs for accommodating new small grid clips used on metal tubes. YK11749—List 10c Your Cost... **6¢**

## Octal Base Speaker Plug

One-piece construction. Molded locator pin simplifies plugging into any octal socket. Each conductor protected with molded insulation to prevent short from pushed-back braid. List price 15c.



YK11751—Your Cost... **9¢**

## Dual Grid Stud for Analyzer Plugs



Modernizes old analyzer plugs to accommodate both regular glass and new small metal tube caps. Solders to grid wire of any analyzer cable. Nickel plated brass construction. YK11750—List 10c Your Cost... **6¢**

## Electron Ray Tuning Indicator Adapters



Enables any set using 6 volt tubes and automatic volume control to use the new Electron Ray tube, type 6E5, and thus add visual tuning to the set. This tube operates similarly to a cathode ray tube, the narrowest band width of the shadow on the fluorescent screen indicating resonance. This tube also provides service men with a resonance indicator or substitute for cathode-ray for alignment work. The molded socket base with tube housing takes the 6E5 Indicator Tube. The adapter which connects to this housing is plugged into the power tube socket, and the power tube is placed into the adapter. Red lead connects to A.V.C. diode plate and black lead to chassis. Shpg. wt. 1 lb. complete.

YK11758—Complete Adapter, for 41 or 42 Tubes. Your Cost Each... **\$2.06**

YK11759—Complete Adapter, for 6A4 or 6A5 tubes. Your Cost Each... **\$2.06**

## Adapters for Modernizing

YK11763—For small 7 latch-lock plug, in all Octal sockets except 5Z4. Your Cost... **73¢**

YK11764—Same as above, but without latch-lock. Your Cost... **59¢**



YK11765—For small 7 latch-lock plug for use in 5Z4 socket. Your Cost... **73¢**

YK11766—Same as above, but without latch-lock. Your Cost... **59¢**

YK11767—For use on all Octal Tubes, except 5Z4, in small 7 prong panel socket. Your Cost... **59¢**

YK11737—For 5Z4 tube, in UX socket. Your Cost... **59¢**

## 9 Prong Cable Plug and Socket

For analyzer, test, power cables, etc. Connects up to 9 wires to socket for easy insertion and removal. Elongated central prong makes quick locator. Socket uses dependable contacts. Shpg. wt. 1 lb. YK11761—Plug only. YK11762—Socket to match. Your Cost Each... **44¢**



Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# FUSES PLUGS CONNECTORS

## Bakelite Cable Plugs



Long handled type. Of moulded bakelite. Body  $2\frac{1}{2}$ " long. Base screws tightly into body; is easily removable. Ideal for analyzer or speaker plug. Standard socket prongs. Shpg. wt. 1 lb.

Stock No.	Prongs	Your Cost Each
YK11715	4	<b>18<sup>c</sup></b>
YK11716	5	
YK11717	6	
YK11718	7 S	
YK11719	7 L	



## Neon Glow Lamps

The serviceman and experimenter will find these glow lamps useful for many purposes. Their extreme sensitivity permit great accuracy in tests for leakage, high resistance circuits, continuity, etc., since they draw a negligible amount of current. Also used in tube checkers for indicating inter-electrode shorts. Will operate on 105-125 volts A.C. or D.C. except  $\frac{1}{2}$  watt types which operate on A.C. only.

Standard Edison Base			Candelabra Base				
Stock No.	Type	Watts	Your Cost Ea.	Stock No.	Type	Watts	Your Cost Ea.
YL12265	G10	$\frac{1}{2}$	<b>36<sup>c</sup></b>	YL12264	S4 $\frac{1}{2}$	$\frac{1}{4}$	<b>50.36</b>
YL12266	G10	1		YL12277	G10	$\frac{1}{2}$	
YL12267	S14	2		YL12278	G10	1	
YL12276	S14	3					



## New Improved Type 3-Time Plug Fuse

Lasts as long as 3 ordinary fuses. Construction permits rapid resetting to new fuse by simply rotating top. Solid moulded construction. Available in 6, 10, 15, 20, and 30 amp. sizes. Listed and approved by Underwriters' Laboratories. Specify size.



**YM13209—Your Cost 5<sup>c</sup>**

## Rubber Capped Male and Female Plugs

Moulded rubber. Standard socket arrangement of holes and prongs. Ideal for use with P.A. amplifiers or with equipment used outdoors.



Male		Female		
Stock No.	Your Cost	Stock No.	Your Cost	
YK11705	17c	4	YK11710	25c
YK11706	17c	5	YK11711	25c
YK11707	20c	6	YK11712	28c
YK11708	20c	7 S	YK11713	28c

## SURE GRIP SPEAKER PLUGS



Female Plug



Sure-Grip Plug

YK11528	4-prong plug.	YK11532	4-prong plug.
YK11529	5-prong plug.	YK11533	5-prong plug.
YK11673	6-prong plug.	YK11678	6-prong plug.
YK11674	Large size 7-prong plug.	YK11679	Large size 7-prong plug.
YK11675	Small size 7-prong plug.	YK11680	Small size 7-prong plug.
<b>Your Cost Each, 23<sup>c</sup></b>		<b>Your Cost Each, 15<sup>c</sup></b>	
<b>Any Type, 29<sup>c</sup></b>		<b>Any Type, 29<sup>c</sup></b>	
YK11676	8 Prong	YK11672	8 Prong
<b>Your Cost Each, 29<sup>c</sup></b>		<b>Your Cost Each, 29<sup>c</sup></b>	

## Plug Fuses

Crystal mica window makes inspection easy. Not to be confused with the ordinary cheap type of plug that often comes apart when inserting.



YM13200	— 6 amp.	<b>Your Cost Each 3<sup>c</sup></b>
YM13201	— 10 amp.	
YM13202	— 15 amp.	
YM13203	— 20 amp.	
YM13204	— 30 amp.	
Carton of 5		<b>14c</b>

## Radio and Auto Fuses

Available in 1, 2, 3, 4, 5, 6, 8, 10, 15, 20, 25, 30 amp. sizes. Shpg. wt. 4 oz.

YM13189	— Tin of 5 (any one size).	<b>Your Cost 14<sup>c</sup></b>
<b>STANDARD APPROVED TYPES</b>		
YM13205	— 20 amperes	<b>6<sup>c</sup></b>
YM13206	— 30 amperes	
Carton of 10		<b>50c</b>

## Cartridge Fuses

Punched out of copper and nickel plated. Has many uses.

YL12377	—	<b>Your Cost Each 2<sup>c</sup></b>
25 for 40c		

## JONES Fuse Mounts

Composition base, nickel plated brass contacts. Single hole mounting. Solder lugs.

YL12329	— Your Cost Each	<b>6<sup>c</sup></b>
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## Sub-Panel Type

Similar to the above, but for sub-panel mounting. Mounting centers  $1\frac{1}{4}$ ".

**YL12330—Your Cost Each 6<sup>c</sup>**

## BUSS Fusetrons

A thermal cutout to which a fuse is added for 10 ampere and smaller motors which protects motors as well as wiring. Will not blow on starting currents, and will prevent single phasing three phase motors. Specify size desired.

Stock No.	Amperes	Your Cost Each
YRF1800	1.25	<b>12<sup>c</sup></b>
YRF1804	2.5	
YRF1808	4.5	
YRF1809	5.6	

## Plug and Socket Cable Connectors



Moulded connectors designed to fit the standard tube sockets. Removable caps. Shpg. wt. 8 oz.

Stock No.	Prongs	Your Cost Each
YK11666	4	<b>9<sup>c</sup></b>
YK11667	5	
YK11668	6	
YK11670	7 S	
YK11669	7 L	

## Female Cable Connectors

Cap and socket assembly. Fit together by bayonet arrangement. Positive connection. Shpg. wt. 8 oz.



Stock No.	Prongs	Your Cost Each
YM13043	4	<b>21<sup>c</sup></b>
YM13044	5	
YM13045	6	
YM13112	7 S	
YM13113	7 L	

## Special Two-Piece Cable Connectors



Moulded bakelite shells. Standard tube socket connections. Prices for two-piece connector. YK11697—4 Circuit, Your Cost Each, 15c. YK11698—5 Circuit, 10 for \$1.35. YK11699—6 Circuit, 10 for \$1.35.

## Shielded Cable Plugs

For connecting mikes, speakers, and battery cables. Bakelite moulded and heavily armored. Supplied with cord grip.

Male		Female		
Stock No.	Your Cost	Stock No.	Your Cost	
YL12450	29c	4	YL12454	38c
YL12451	32c	5	YL12455	38c
YL12452	32c	6	YL12456	41c
YL12453	35c	7	YL12457	41c

# LITTELFUSE Products

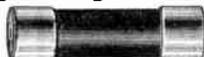
## Neon TATTELITE Tester



Ideal for servicemen and electricians for testing for blown fuses, live lines, open circuits, polarity, continuity tests, checking resistors, shorted condensers, and a multitude of other tests. Made in pocket size, it employs a tiny neon lamp which consumes negligible current, will glow on as little as .5 M.A., and may be used for indicating voltages of 90 volts D.C. and 60 volts D.C. and upwards. Varnished cambric insulation on leads made to withstand 5,000 volts. Glows pink on R.F., orange on D.C. and therefore most handy for servicing. A 50,000 ohm protective resistance is in series with the lamp, minimizing replacement of this unit. Full instructions of its many uses included. Shpg. wt. 1 lb.

**YK11310—Your Cost 59<sup>c</sup>**

## High Voltage Littlefuses



Efficient, renewable type fuses. Multi-break fuse wire blows each  $\frac{1}{2}$ " of its length. Rated to blow at 50% above rating.

1000 Volt		5000 Volt		
Stock No.	Your Cost	Stock No.	Your Cost	
YL12350	24c	$\frac{1}{2}$	YL12360	42c
YL12351	21c	$\frac{1}{2}$	YL12361	42c
YL12352	21c	$\frac{1}{2}$	YL12362	39c
YL12353	21c	$\frac{1}{2}$	YL12363	39c
YL12354	21c	$\frac{1}{2}$	YL12364	39c
YL12355	24c	$\frac{1}{2}$	YL12365	45c
YL12356	24c	1	YL12366	45c
YL12357	24c	$1\frac{1}{2}$	YL12367	45c
YL12358	24c	2	YL12368	45c

## For Radio Sets and Amplifiers



Designed for protection of radio receivers. Used in power supply line. Approved. Size  $\frac{1}{4} \times 1\frac{1}{2}$ ".

Stock No.	Amps.	V.	Your Cost Each	Doz.
YN12378	1	250	<b>5<sup>c</sup></b>	<b>50<sup>c</sup></b>
YN12379	$1\frac{1}{2}$	250		
YN12380	2	250		
YN12381	3	250	<b>9<sup>c</sup></b>	<b>\$1.00</b>
YN12396	$\frac{1}{2}$	500		
YN12397	$\frac{1}{4}$	500		
YN12398	$\frac{1}{2}$	500		
YN12399	$\frac{3}{4}$	500		

## Fuse Retainer



Designed for use with auto radio sets. Two piece connector of heavy metal, with fibre inside insulation. Heavy spring contact.  $2\frac{1}{2}$ " long.

**YL12372—Your Cost 9<sup>c</sup>**

## Antenna Connector

For auto radio sets. Two-piece metal container, fibre inside insulation. Powerful spring contact insures perfect electrical connection.

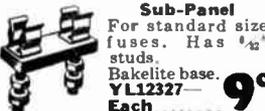
**YR16714—Your Cost Each 6<sup>c</sup>**

## Bakelite Fuse Mounts



Panel Type Bakelite base. Bronze clips, plated.

**YL12324—Your Cost Each 8<sup>c</sup>**



Sub-Panel For standard size fuses. Has "42" Bakelite base.

**YL12327—Your Cost Each 9<sup>c</sup>**

# Selected TECHNICAL BOOKS for the SERVICEMAN

## REFRIGERATION BOOKS



### Official Refrigeration Service Manual

In this refrigeration manual every part is carefully explained; diagrams are furnished of every known machine; special care given to the service end. Tools needed are illustrated and explained; There are trouble shooting charts and other service data. Over 1200 diagrams; 340 pages; size 9x12"; flexible loose leaf cover. Makes electric refrigeration servicing easy. Shpg. wt. 4 lbs.

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An enlarged fourth edition of the only book published on Domestic Refrigeration. Covers in detail the principles, types, construction and operation of domestic refrigerators and refrigeration.

Contents include chapters on—Refrigeration Units and Theory—History and Principles of Refrigerating Systems; Domestic Ice Refrigerators—Refrigerants—Air Conditioning Commercial Systems—Miscellaneous Tables. This book is particularly suitable for students, engineers, and service men. Over 700 pages 6 1/2 x 9 1/4" in size, profusely illustrated.

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Your Cost



### Practical Radio Communication

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YY20020—**\$5.00**  
Your Cost



### Short-Wave Time Calculator

Expressly for the fan who is interested in local time of the DX stations heard. Set the chart

at your time, and read directly, the time in any other part of the world. Back lists stations and operating schedule.

YY20015—**\$1.00**  
Your Cost

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A "How to make what you use" publication. No theory—practical working formulae for making hundreds of products. A "speaking acquaintance" with the products with which you are in constant contact. A book to which many publications, laboratories, manufacturing companies and trained individuals have contributed their knowledge and experience. For people who like the mysteries of the chemical world. 335 pages. Shpg. wt. 4 lbs.

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Your Cost

### NEW! RCA Bulletin on All-Metal Tubes

Contains complete data and characteristics of new all-metal tubes.

YY20013—**\$1.00**  
Your Cost

### Radio and Television



A complete treatise on both radio and television. Was especially written for the theatre projectionist but will be found to be of value by anyone interested in these subjects.

Shpg. wt. 2 lbs.  
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Your Cost

### Radio and Electronic Dictionary

By H. P. Manly

The information every service man needs arranged in alphabetical order for handy reference. Practical and unique. Covers Industrial Radio, Radio Service, Sound Pictures, Television and Radio



Broadcasting from "A to Z." Everything explained in simple, every-day language. Contains 550 illustrations, defines 3800 terms. 300 pages. Size 6x9 1/2". Bound in maroon buckram, stamped in gold. Shpg. wt. 3 lbs.

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Covers just enough theory of electricity to make the subject interesting. An unusually good book on practical electricity and house wiring. Especially useful in the wiring of homes and farm buildings. Covers in understandable language, all about volts, amperes, watts; how to read your meter; difference between A.C. and D.C.; transformers, etc. Over 180 pages. Shpg. wt. 4 lbs.

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By E. B. Lyford



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Your Cost



### Lightning Radio Calculator

Solves in a moment, radio problems of frequency, wavelength inductance, capacity, coil size, and wire size. Saves

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Your Cost

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This valuable book describes how radio interference originates, is distributed, and how to cure its interference with radio programs. Written for both expert and listener. Shpg. wt. 1 lb.

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Your Cost

## Books for the SERVICEMAN

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Just the thing for the serviceman or sound technician. Contains three individual sections dealing with: Sound Amplifiers, Transmitters, Service Problems. Chock full of diagrams, service hints, parts lists, etc. Tells how to build all kinds of test instruments. Transmitting section includes schematic diagrams and parts lists for transmitters from 20 to 1000 Watts both CW and phone. A valuable book for the "ham." Book 8 1/2 x 11". Loose leaf type binding.

YY22146—**30c**  
Your Cost

### Pocket "Gadget"

By Ghirardi and Freed. Consists of a series of 6 cards evelated at one corner and indexed at the edges. Tell at a glance the sources causing 275 different "troubles" in radio receivers. Will save you hours of time and bother. Includes hum, fading, noise, weak signals, distortion, etc.

YY22145—**25c**  
Your Cost

### The Cathode Ray Tube at Work



The theory underlying the functioning of the cathode-ray tube. Circuits that accompany it, are fully described. Tells how the tube can be utilized. 320 pages. Shpg. wt. 3 lbs.

YY20017—**\$2.50**  
Your Cost

### Sprayberry's Voltage Tables

In ONE convenient volume all the voltage tables on radio broadcast receivers made in the United States and Canada from 1927 up to the present date. A complete manual in itself. Contains 250 pages, each page having six easy-to-read tables. It is only 8 1/2 x 11", making it a handy addition to the serviceman's kit. 1500 tables telling you exactly what voltage should be measured at each socket. Completely indexed. Shpg. wt. 4 lbs.

YY20018—**\$2.00**  
Your Cost



### Radio Design Practice for 1935

An ideal book for engineers, experimenters, and designers of radio and associated equipment.

Up-to-the minute in its material. Pages lie flat when being used. New spiral binding. Shpg. wt. 3 lbs.

YY20008—**\$1.00**  
Your Cost

### Rider's Practical Testing Systems



Service work requires the testing of coils, resistances, transformers, etc. This book tells you how. Shpg. wt. 3 lbs.

YY22172—**95c**  
Your Cost

**NOTE - TECHNICAL BOOKS ARE NOT RETURNABLE**

# DEALERS' and SERVICEMENS'

## RCA Service Manuals



A complete series of Service Manuals covering ALL the RCA receivers made between 1923 and 1934. The most complete information available. Exceptionally low in price. Stiff covers fabric covered and lettered in gold.

Stock No.	Year	Lbs.	Shpg. Wt.
YY19971	1923-1928	3	
YY19969	1929-1930	3	
YY19997	1931-1932	3	
YY19950	1933	3	
YY19964	1934	3	

Your Cost, Each Manual ..... **\$1.00**

## DRAKE'S Cyclopedia



**New Edition** Completely revised. This valuable encyclopedia, written in simple language, contains information on radio and all its allied lines. Gives all practical data

on Radio transmitting and receiving, Sound Pictures, Public Address, Television, Photo-electric cells, etc. 1048 pages, 500 complete articles, 1100 additional definitions and references. 130 tables and graphs. Thoroughly covers new Superheterodynes, Short Wave Receivers and Converters and Aviation Radio. Self indexed to make every fact easy to find. Size 9x6 1/2 x 2 1/2". Shpg. wt. 10 lbs. **YY19938**—Your Cost Each ..... **\$3.92**

## Radio Service

**Questions and Answers**  
A compilation of many service problems and their answers. This book has been compiled by John F. Rider and consists of many questions received by him. Shpg. wt. 2 lbs. **YY19931**—Vol. 1  
Your Cost ..... **95¢**

## BOOKS for the AMATEUR

### Radio Amateur Call Book



The only publication listing all Radio Amateur Stations throughout the entire world. Each issue contains a complete and accurate list

of high frequency commercial stations, International abbreviations, "Q" readability system, "R" audibility system, "T" tone system. International prefixes, high frequency press and weather schedules, 326 pages. Shpg. wt. 2 lbs. **YY19936**—Latest Edition  
Your Cost ..... **\$1.25**

### The Radio Handbook



Just released and therefore right up to the minute. 292 pages of real information on newest developments. New metal tubes, new H. F. amateur receivers, transmitters—from a 1 tube beginners' job to a

1 KW for old-timers. Antennas, charts, and 5 meter data. 64 pages on New Electron Theory of electricity and radio. All in simple language. 296 pages overall. Shpg. wt. 4 lbs. **YY19999**  
Your Cost ..... **\$1.00**

### How to Design and Build 5 Meter Sets



How to design and build 5-meter transceivers, transmitters, etc., by Frank Jones with supplementary information by Kruse, Haigis, Hawkins, Hart.

**YY22132**—Your Cost ..... **25¢**

### Ultra Short Wave Amateur Band Communication

Practical data for using 3/4-meter and 5-meter bands. Reception and transmission below 10 meters is fully covered. Shpg. wt. 2 lbs. **YY19937**  
Your Cost ..... **25¢**

### Short Wave Listener

Contains the largest list of Short Wave Stations ever published. A distance chart showing the approximate distances between the principal cities of the world, also a map of the world. Shpg. wt. 2 lbs. **YY19920**  
Your Cost ..... **25¢**

### RCA Tube Manual

All the technical information on all the new tubes. Shpg. wt. 1 lb. **YY22142**—Your Cost ..... **20¢**

### Short Wave Beginner's Book



Presents all the information needed to get the most out of short wave reception. Covers the actual building of a set, making of a short wave

aerial, winding of coils and kinks in operating a receiver. Shpg. wt. 2 lbs. **YY19921**—Your Cost ..... **25¢**

### 10 Most Popular S. W. Receivers

**How to Make and Work Them**  
Every set described has actually been built and tested by the editors of Short Wave Craft. Shpg. wt. 2 lbs. **YY19922**—Your Cost ..... **25¢**

### Kruse's Radiophone Guide

Especially written for the phone man. A great deal of valuable information to assist you in getting the most out of your station. Batcher's Radiographs included. **YY22141**—Shpg. wt. 1 lb. **50¢**  
Your Cost ..... **50¢**

## Actual Trouble in Radio Receivers



Several hundred different commercial receivers and their troubles in a pocket sized book. 64 page free supplement included in price. **YY19979**

Your Cost ..... **\$1.00**

## Short Wave Coil Book



Every possible bit of information on coil winding that you could need. Gives dimensions, sizes of wire to use, methods of computing turns needed, spacing, etc. No duplication.

**YY22133**—Your Cost ..... **25¢**

## Official Short Wave Radio Manual



A complete manual on short wave equipment and practice. An excellent book for use by Amateur and Radio Serviceman. Covers the construction, operation of both

home built and commercially built receivers and converters. Also includes information on the construction and operation of amateur Transmitters. Everything pertaining to short wave is included. 240 pages. Shpg. wt. 4 lbs. **YY19952**—Your Cost ..... **\$2.00**

## How to Pass U. S. Government Radio License Exams.

Complete information for passing government license tests for commercial license. Flexible covers. 9 1/2 x 7". 170 pages—92 illustrations. Shpg. wt. 2 lbs. **YY19956**

Your Cost ..... **\$1.80**

## A.R.R.L. Publications

### Radio Amateur's Handbook



The most popular Handbook for Amateurs ever written. It is the most comprehensive book published, covering every phase of the subject. Includes: The Story of Amateur Radio; Getting Started; Electrical Fundamentals; Planning and Building Transmitters; and a host of other information. New twelfth edition contains new chapters on high frequency work, etc. 246 pages. Shpg. wt. 1 lb. **YY19949**—12th Edition  
Your Cost ..... **\$1.00**

### How to Become a Radio Amateur

Second edition in 32 pages outlines the entire field of amateur radio. Makes learning the code easy, tells how to build a station, get a license, etc. Shpg. wt. 21 lbs. **YY19935**  
Your Cost ..... **25¢**

### Radio Amateur's License Manual



Covers every phase of Amateur License procedure in a clear and concise manner. Prepared in response to an uninterrupted demand for information on how to pass examinations and apply for licenses. Complete question and answer section covers every type of question you will be asked for any type license. You can save yourself a lot of worry by studying this helpful book. Shpg. wt. 2 lbs. **YY19940**—Your Cost ..... **25¢**

### Hints and Kinks for the Amateur

Information—ideas—suggestions. Practical tips, brainstormers that worked, money saving dodges, time saving thoughts. A whole book full of them. A compilation of the best ideas in one cover. Shpg. wt. 2 lbs. **YY19981**—Your Cost ..... **50¢**

## Books for the SERVICEMAN

### Servicing Superheterodynes



Do you know all that you should to enable you to service superhets at a profit? ... Are you familiar with various kinds of superheterodyne circuits? ... Do you know the function of individual parts of a superheterodyne receiver—an autodyne superhet? ... Do you know what is meant by "image frequency"? ... Can you adjust the Atwater-Kent "double spot" interference-eliminating system? Servicing Superheterodynes answers all these questions. Gives all the information you need about superhet receivers. 163 pages, type set, profusely illustrated, cloth bound. Shpg. wt. 2 lbs. **YY19927**—Your Cost ..... **95¢**

### Servicing Receivers by Means of Resistance Measurement

By means of resistance measurement or what is more commonly known as point to point testing it is possible to service any type of set. This book describes this method in detail and furnishes all data necessary to service practically all sets made today. Like all other publications by John F. Rider it is very complete and all the information given is in clear, easily understandable form. With its help many a service problem is easily solved. Bound in strong serviceable hard cloth covers. This book together with the one listed above should be owned by every serviceman. Shpg. wt. 2 lbs. **YY19928**—Your Cost ..... **95¢**

# DATA and TECHNICAL BOOKS



**BOOKS BY  
GHIRARDI AND FREED**



### Modern Radio Servicing

Contains innumerable facts on the most up-to-date methods of servicing. Auto Radio, Cathode Ray Applications, All-Wave, High Fidelity, etc., etc., completely described. 2nd Edition. Profusely illustrated with diagrams and schematics. 1300 pages.

YY22143—Your Cost **\$4.00**

### Field Service Data and Answer Book

A handy reference book with a flexible binding. Contains comprehensive tube charts, wire tables, I.F.'s of all standard superhets, Symptoms and Remedies for troubles in over 500 models of standard receivers, ignition troubles in car radios, etc.

YY22144—Your Cost **\$1.50**

Above two books, purchased together—Your Cost **\$5.00**

### Radio Physics Course

A complete up-to-date Radio and Electrical Course which answers every question pertaining to Radio, Electricity, Photo-Electric Cells, Television and Talks. Second edition. 992 pages, 500 illustrations. A book the Technical Student, Set Builder or Service Man can not afford to be without. Written by an acknowledged leader in the field. 2nd Revised Edition.

YY19897—Your Cost **\$4.00**

### Radio Engineering Handbook

Written by Keith Henney. Authoritative. Every section written by a specialist. A book every technical radio man should have. 583 pages. Shpg. wt. 2 lbs.

YY22140—Your Cost **\$4.90**

## RADIO SERVICE *Manuals*

### RIDER'S Perpetual Trouble Shooters Manual No. 5



John F. Rider's latest Manual—No. 5—contains circuit diagrams of receivers made as late as October, 1934. It contains more detailed information than any other Manual offered. 92.1% complete in I.F. specifications! 543 different Superheterodyne chassis made by 112 manufacturers are fully illustrated and described. Special attention has been paid to trimmer locations, voltage data, etc. 1200 pages in loose leaf binder.

YY19957—Vol. No. 5 Postpaid East of Mississippi. **\$7.35**

Your Cost .....

**VOLUME No. 4**—Contains many diagrams of receivers that you are now receiving for service. These diagrams do not appear in previous or subsequent issues.

YY19976—Volume No. 4 Postpaid East of Mississippi. **\$7.35**

Your Cost .....

**VOLUME No. 3**—Postpaid East of Mississippi. **\$7.35**

YY19924—Your Cost .....

**VOLUME No. 2**—Postpaid East of Mississippi. **\$6.37**

YY19925—Your Cost .....

**VOLUME No. 1**—Postpaid East of Mississippi. **\$7.35**

YY19926—Your Cost .....

### GERNSBACK'S Official Radio Service Manual 1935 Edition

New issue containing a wealth of information extremely valuable to the serviceman. All the new circuit developments including all-wave and straight short wave receivers are described. All new receivers are diagrammed. Flexible cover—loose leaf binding. 1000 pages. Shpg. wt. 4 lbs.

YY19953—Your Cost **\$5.45**

### 1934 Official Radio Service Manual

Contains many diagrams not available in other older or newer Manuals. Over 400 pages. Over 1500 illustrations. Flexible leatherette cover. This manual will save both time and expense and is a real necessity in every service shop. Shpg. wt. 4 lbs.

YY19918—1934 Edition. Your Cost **\$2.75**

### 1933 Official Radio Service Manual

This edition contains diagrams and information that does not appear in other older or newer Manuals. Many of the sets the serviceman is now getting for repair are only listed in this edition. Over 2000 illustrations, over 700 pages. Size 9x12". Flexible loose-leaf leatherette cover. Shpg. wt. 4 lbs.

YY19900—1933 Edition. Your Cost **\$3.75**



### Radiocraft Library

These books are all new and up-to-date: written by men who are authorities on the subject. The volumes are all uniform size 6x9" and contains 50 to 120 illustrations.



- YY19905—Radio Set Analyzers.
- YY19906—Modern Vacuum Tubes.
- YY19907—The Superhet Book.
- YY19908—Modern Radio Hookups.
- YY19909—How to Become a Service Man.
- YY19910—Bringing Electric Sets Up-to-Date.
- YY19911—Radio Kinks and Wrinkles.
- YY19912—Radio Questions and Answers.
- YY19913—Auto Radio and Servicing.
- YY19914—Home Recording and All About It.
- YY19915—How to Build and Operate Short Wave Receivers.
- YY19923—How to Become an Amateur Radio Operator.
- YY19934—Point to Point Resistance Measurements.
- YY19961—P.A. Installation and Servicing.

List Each, 50c.  
Your Cost **38¢**  
(\*Size 7 1/2 x 10")

### How to Get Best Short Wave Reception

Get the most out of short wave reception by reading this very instructive book. Tells how and when to tune for the various short wave stations. Tells how to identify them, get verifications, etc.

72 pages. YY22137—Your Cost **50¢**

**101 S. W. Hookups**  
101 of the most popular short wave hookups including from 1 to 10 tube receivers.  
YY22136—Your Cost **50¢**

## Auto Radio MANUALS

### RIDER'S Specialized Auto-Radio Manuals



Volume II. The most complete servicing data on every auto radio receiver built from 1933 to April 1935. No details have been omitted. A real practical and valuable help. The information you have been looking for; right at your finger tips. 350 pages. Size 11 1/2 x 8". Shpg. wt. 5 lbs. **\$3.43**

YY20000—Your Cost .....

Volume I. Same as above; however contains all servicing information on auto radio receivers up to 1933 only. **\$3.43**

YY19898—Your Cost .....

### OFFICIAL Auto-Radio Service Manual



The publishers of the very popular Official Radio Service Manual have published this new manual that covers the auto-radio field in great detail. Complete diagrams and service notes on old as well as all new sets and accessories; detailed instructions for suppressing ignition interference. Tells when and how to use rooftop, running board, and between-axle aerials; gives technical details on all popular types of "B" Eliminators and explains how to adjust generator charging rate. All the newest features used in the latest type receivers are carefully explained.

200 pages. Size 9x12". Loose-leaf Cover. Shpg. wt. 2 lbs.  
YY19982—Vol. I. **\$1.95**  
YY20002—Vol. II.  
Your Cost, Either Copy .....

## Sound Picture MANUALS

### SOUND PICTURES Recording & Reproducing



A book covering the recording and reproduction of sound motion pictures, and equipment necessary for same. Contains complete information on the new "high-fidelity" and "wide-range" recording and reproducing. Fully illustrated with diagrams and photographs. 340 pages. Shpg. wt. 3 lbs. **\$5.00**

YY22135—Your Cost .....

### Servicing Sound Equip.



Primarily intended for use by the theatre projectionists and those in the servicing of sound equipment of great value to any sound man. New second edition greatly enlarged and revised. 288 pages. Shpg. wt. 2 lbs.

YY19919—Your Cost **\$3.50**



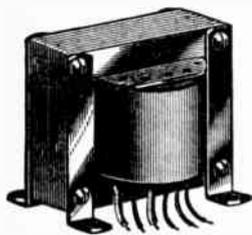
**P. A. Systems**  
A comprehensive book on all types of P.A. Equipment. Includes chapters on hotel radio installations, and police radio. Complete information on theatre, school, ball park, etc., installations. Tells how to select the proper equipment and the peculiarities of the different types. 240 pages.

Shpg. wt. 3 lbs. YY22134—Your Cost **\$3.50**

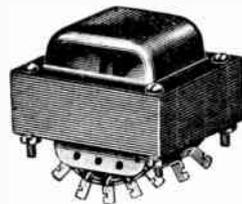
**NOTE - TECHNICAL BOOKS ARE NOT RETURNABLE**

# Service over 90% of all Standard Receivers with Trutest Power Transformers

## NO EQUAL IN QUALITY AT THESE LOW PRICES!



Trutest Power Transformers, engineered by experts and constructed of the finest materials, truly deserve the popularity accorded them in the service field. Each unit is designed to provide ample safety factor under any normal conditions of use. As a result, Trutest Power Transformers are fully guaranteed, under R.M.A. standards, for a period of 90 days, against mechanical or electrical defects. This is your assurance that Trutest Transformers will live up to the claims made of them. To simplify installation, and to preclude possibility of error in wiring, each unit is furnished with a schematic diagram showing each terminal connection.



Furnished in both flush and horizontal mountings in the large variety of sizes given below, these transformers should prove applicable to most any receiver on the market. The flush type of mounting is recommended as furnishing the more finished appearance. For replacement work the horizontal type of mounting will be found to be more practical. Experimenters and set builders will find in Trutest Power Transformers

a solution to their long-felt wants. Compactness, ease of wiring and general appearance will go far to eliminate that "home made" look. On Flush Mounting Types, soldering lugs terminate on an insulated strip and protrude through the sub-panel. The Upright Horizontal Types have wire lead terminals and feet are provided on bases; the slight elevation permitting air circulation under cores.

### For the New 6.3 Volt Tubes

**5 and 6 Tube Sets  
Up to Four Heater Type Tubes, One Power Tube and One 80 Rectifier**  
MOUNTING AREA:  $3 \times 2\frac{1}{2}$ "  
MOUNTING DIMENSIONS:  $2\frac{1}{2} \times 2$ "  
PRIMARY: 115 volts, 50-60 cycles.  
SECONDARIES: 300/300 volts—50 M.A.  
6.3 volts C.T., 2 amps. (for two or three heaters and one power tube).  
5 volts, 2 amps. (80 filament).  
Flush mounting type.  
YC1518—Shgp. wt. 3 lbs.  
**Your Cost, Special . . . . . \$1.25**

### 7 and 8 Tube Receivers

**Four or Five Heaters and Two Power Tubes (6.3 Heaters) or Seven Heaters (6.3) and Two Power Tubes (2.5), One 80 or 5Z3 Rectifier**  
MOUNTING AREA:  $3\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $2\frac{1}{2} \times 3\frac{1}{2}$ "  
PRIMARY: 115 volts, 50-60 cycles.  
SECONDARIES: 350/350 volts—90 M.A.  
6.3 volts C.T., 3 amps. (for three or four heaters and two power tubes).  
2.5 volts C.T., 4 amps. (for two power tubes).  
5 volts, 3 amps. (for 80 or 5Z3 rectifier).  
Flush mounting type.  
YC1519—Shgp. wt. 8 lbs.  
**Your Cost, Special . . . . . \$2.20**

### 9 and 10 Tube Receivers

**Up to Seven Heater Type Tubes and Two Power Tubes (all 6.3) to Ten Heaters (6.3) and Two Power Tubes (2.5), One 80 or 5Z3 Rectifier**  
MOUNTING AREA:  $3\frac{3}{4} \times 3\frac{1}{4}$ "  
MOUNTING DIMENSIONS:  $3\frac{1}{2} \times 2\frac{1}{2}$ "  
PRIMARY: 115 volts, 50-60 cycles.  
SECONDARIES: 350/350 volts—100 M.A.  
6.3 volts C.T., 4 amps. (for seven heaters and two power tubes).  
2.5 volts C.T., 4 amps. (for two power tubes).  
5 volts, 3 amps. (for 80 or 5Z3 rectifier).  
Flush mounting type.  
YC1520—Shgp. wt. 9 lbs.  
**Your Cost, Special . . . . . \$2.65**

### For use with the New Type Tubes

**Up to 8 Heater Type Tubes  
2 of the New 2A3 Power Tubes  
1-83 Rectifier**  
Suitable both for Class A and Class A1 (a modified Class B amplification).  
MOUNTING AREA:  $4\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $3 \times 3\frac{3}{4}$ "  
PRIMARY: 115 volt, 50-60 cycles.  
SECONDARIES: 400/400 at 150 M.A.  
2 1/2 volts C.T. 5 amp.  
2 1/2 volts C.T. 12 amp.  
5 volts 3 amp.  
Flush mounting type.  
YC1517—Shgp. wt. 10 lbs.  
**Your Cost, Special . . . . . \$3.48**

### Additional TRUTEST Power Transformer Specifications

As a further aid to the serviceman in selecting proper parts to fill his requirements, Trutest engineers offer the following information: Average temperature rise on all transformers listed below is 61° C.; insulation between windings tested at 1500 volts; Primary tested at double the rated voltage.

### 5 and 6 Tube Receivers

**For Three or Four 2 1/2 Volt Heater Tubes, One 2 1/2 Volt Power Tube and One 280 or 282 Rectifier**  
MOUNTING AREA:  $3\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $3\frac{1}{2} \times 2\frac{1}{2}$ "  
PRIMARY: 115 volts, 50-60 cycles.  
SECONDARIES: (1) 700 volts C.T.—70 M.A.  
(2) 5 volts, 2 amps. (one 280 filament), or 2.5 volts, 3 amps. (one 282 filament), or  
(3) 2.5 volts, 8.75 amps. (3 or 4 heaters and 1 power tube).  
Shipping weight 6 lbs.  
Flush Mounting Type  
YC1492—Using 280 Rectifier.  
YC1498—Using 82 Rectifier.  
**Your Cost Each . . . . . \$1.35**

**AN OUTSTANDING VALUE**



**For 4 Tube Midget  
For 2 Heater Tubes  
1 Power Tube  
and 1-80 Rectifier**

MOUNTING AREA:  $3 \times 2\frac{1}{2}$ "  
MOUNTING DIMENSIONS:  $2\frac{1}{2} \times 2$ "  
PRIMARY: 115 volts, 50-60 cycles.  
SECONDARIES: 650 volts C.T.—40 M.A.  
2.5 volts C.T., 3.75 amps. For 2 heaters and 1 power tube. 5 volts, 2 amps. for 80 filament. Flush mounting.  
YC1521—Shgp. wt. 4 lbs.  
**Your Cost Each . . . . . 65¢**

### Special Midget Transformer

**For 5 Tube Sets  
For Three Heater Tubes, One Power Tube and One 80 Rectifier**  
MOUNTING AREA:  $3 \times 2\frac{1}{2}$ "  
MOUNTING DIMENSIONS:  $2\frac{1}{2} \times 2$ "  
PRIMARY: 115 volts, 60 cycles.  
SECONDARIES: 680 volts, C.T.—50 M.A.  
2.5 volts C.T., 7 amps. (for 3 heaters and 1 power tube).  
5 volts, 2 amps. (for 80 rectifier).  
Flush mounting type.  
YC2431—Shgp. wt. 4 lbs.  
**Your Cost, Special . . . . . 88¢**

### 6 and 7 Tube Receivers Push-Pull Power Tubes

**For Three 2 1/2 Volt Heater Tubes, Two 2 1/2 Volt Power Tubes and One 280 Rectifier**  
MOUNTING AREA:  $3\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $2\frac{1}{2} \times 3\frac{1}{2}$ "  
PRIMARY: 115 volts 50-60 cycles.  
SECONDARIES: (1) 700 volts C.T.—70 M.A.  
(2) 5 volts, 3 amps. (280 filament).  
(3) 2.5 volts C.T., 3.5 amps. (2 power tubes).  
(4) 2.5 volts, 7 amps. (three or four heaters).  
Shgp. wt. 8 lbs.  
Flush Mounting Type  
YC1505—  
**Your Cost Each . . . . . \$1.55**  
Horizontal Mounting Type  
Same tube characteristics as above. Mounting centers  $3\frac{1}{2} \times 1\frac{1}{2}$ ".  
YC1506—  
**Your Cost Each . . . . . \$1.45**

### 8 and 9 Tube Receivers

**For Four or Five 2 1/2 Volt Heater Tubes, Two 2 1/2 Volt Power Tubes and One 280 or 282 Rectifier**  
MOUNTING AREA:  $3\frac{3}{4} \times 3\frac{1}{4}$ "  
MOUNTING DIMENSIONS:  $2\frac{1}{2} \times 3\frac{1}{2}$ "  
PRIMARY: 115 volts, 50-60 cycles.  
SECONDARIES: (1) 700 volts C.T.—90 M.A. (plate).  
(2) 5 volts, 3 amps. (one 280 filament), or 2.5 volts, 3 amps. (one 282 filament).  
(3) 2.5 volts C.T., 3.5 amps. (2 power tubes).  
(4) 2.5 volts, 10.5 amps. (5 or 6 heater tubes).  
Shgp. wt. 8 lbs.

Flush Mounting Type  
YC1507—Using 280 Rectifier. **\$1.75**  
YC1499—Using 82 Rectifier.  
**Your Cost Each . . . . . \$1.89**  
Horizontal Mounting Type  
Same tube characteristics as above. Mounting centers  $3\frac{1}{2} \times 2$ ".  
YC1508—Using 280 Rectifier.  
**Your Cost Each . . . . . \$1.89**

### 10 and 12 Tube Receivers

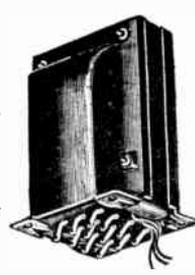
MOUNTING AREA:  $4\frac{1}{2} \times 3\frac{3}{4}$ "  
MOUNTING DIMENSIONS:  $3 \times 3\frac{3}{4}$ "  
PRIMARY: 115 volts, 50-60 cycles.  
SECONDARIES: (1) 700 volts C.T.—110 M.A.  
(2) 5 volts at 3 amps. (280).  
(3) 2.5 volts at 3.5 amps.  
(4) 2.5 volts at 15.25 amps.  
Shgp. wt. 9 lbs.

Flush Mounting Type  
YC1509—  
**Your Cost . . . . . \$2.30**  
Horizontal Mounting Type  
Same tube characteristics as above. Mounting centers  $2\frac{5}{8} \times 3\frac{7}{8}$ ".  
YC1510—  
**Your Cost Each . . . . . \$2.45**

**NOTE**  
For a complete listing of exact duplicate power transformers refer to pages 128, 129, 130 and 131.

# POWER TRANSFORMER SPECIALS

## PHILCO POWER TRANSFORMERS



### Guaranteed Replacements

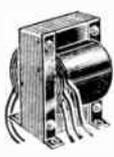
Designed for Philco Replacements. Guaranteed to be equal to the original general purpose replacement. The usual method of installing these transformers makes possible a very neat arrangement with all wiring out of sight under the base panel. Hook-up furnished with each transformer. All have 110-volt, 60-cycle primary. Average shpg. wt. 8 lbs.

Chassis	Tubes Used (1-'80, and)	Philco Part	Stock No.
20-220	3-24s; 1-'27; 2-'71As	4234	YC1955
65	2-24s; 1-'27; 2-45s	3516	YC1956
70	4-24s; 1-'27; 2-45s	5117	YC1957
76-77	3-24s; 1-'27; 2-45s	3868	YC1958
86	4-26s; 1-'27; 2-'71s	3271	YC1960
87	4-26s; 1-'27; 2-45s	3400	YC1959
90	4-24s; 2-27s; 2-45s	4938	YC1961
95-96	3-24s; 3-27s; 2-45s	3752	YC1962
111-211	4-24s; 4-27s; 2-45s	4446	YC1963
111-211	4-24s; 4-27s; 2-47s	5594	YC1964
50-51	2-24s; 1-35; 1-47	5266	YC1951
71-91	2-44s; 1-'37; 1-'36		
	2-42s	6804	YC1911

Any of the above models  
Your Cost **\$2.35**

### Exciter Lamp Transformer

For supplying exciter lamp current for either 8-volt lamps at 4 amps., or 10 volt lamps at 7.5 amps. Tapped secondary permits change from one type to the other. Ruggedly built with ample overload and safety margin. Dimensions 3 1/4 x 3 3/4 x 3". Available with mounting brackets for either horizontal or vertical mounting. Specify type desired. Shpg. wt. 5 lbs.



YC2019—Your Cost **\$2.45**

### MAJESTIC, Model 380

Exact duplicate replacement power transformer. No difficulty in installing—fits same installation mounting holes; and all leads similarly color coded. Has greater safety margin due to all faults in design of original being eliminated in this replacement. Comprises four windings: 1-105-120 volts primary; high voltage secondary; 1-6 volt fil. sec.; and 1-2.5 volts for rect. filament. Shpg. wt. 4 lbs.

YC2016—Your Cost **\$1.70**

### Stewart-Warner

Model R-119  
Part No. 83442

The genuine Stewart-Warner power transformer for the above model set. Set uses 2-78's, 1-6A7, 1-85, 1-42 and 1-80. Has one 6.3 volt winding at 2 amps.; one 5 volt winding at 2 amps. High voltage 350-350 at 80 M.A. Primary for 110 volts, 50-60 cycles. Upright mounting. Shpg. wt. 5 lbs.

YC1804—Your Cost **\$1.59**

### Models 102A, B, E

Exact duplicate of Part No. 67556. Set uses 2-24A's, 1-35, 1-27, 1-47 and 1-80. Color coded leads. Open type. Shpg. wt. 9 lbs.

YC2214—Your Cost **\$2.95**

## Replacement TRANSFORMERS for RCA-Victor Receivers

### VICTOR Models R-32, R-52, RE-45 and RE-75



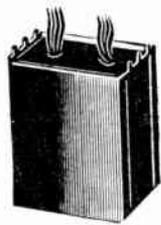
Exact duplicate of the original. No changes necessary to install. 110 volt, 50-60 cycles. Shpg. wt. 13 lbs.

YC2185—Your Cost **\$2.65**

### RADIOLA Models 17, 18, 33, 50, 51; VICTOR 7-11, 7-25 and 7-26; GRAYBAR 311

Part No. 8287-8335. Genuine replacement. 50 to 60 cycles. Shpg. wt. 9 lbs.

YC2150—Your Cost **\$1.35**



### RADIOLA Models 80, 82, 86; GRAYBAR Models 700, 770, 900; GENERAL ELECTRIC H31, 51, 71; WESTINGHOUSE Models WR5, 6, 7, 8

Part No. 8556. Genuine replacement. 50 to 60 cycle. Shpg. wt. 15 lbs.

YC2156—Your Cost **\$1.88**

VICTOR Models 35, 39, RE-57, RE-73  
Part No. 10917. Genuine replacement. 50 to 60 cycle. Shpg. wt. 15 lbs.

YC2195—Your Cost **\$1.88**

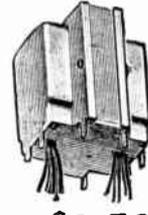
### Radiola 42 and 48 Victor 14, 15, 17 Westinghouse WR-4 G.E. Model T-41 Graybar 678, RC-3

Genuine RCA Part No. 8609 for above sets. Shpg. wt. 8 lbs.

YC2155—Your Cost **\$1.90**

Similar to above, for 120-volt, 25-cycle operation. Shpg. wt. 11 lbs.

YC2143—Your Cost **\$2.50**



### RCA-Victor R74, R76, R77, RE-81 General Electric J-105, J-107

Genuine Part No. 8932. Shpg. wt. 8 lbs.

YC2007—Your Cost **\$3.95**

### RCA-Victor Models R37, R38, 120 General Electric K-60, K-65

Genuine Part No. 9005. Shpg. wt. 6 lbs.

YC2009—Your Cost **\$2.88**

### RCA-Victor R28, RE-40, 110, 111, 115, 210, 310, G.E. K-50, K-54

Genuine Part No. 8985. Shpg. wt. 6 lbs.

YC2008—Your Cost **\$2.56**

### RCA-Victor R-7 "Superette" G.E. S-22; Graybar 8 Midget

Genuine Part No. 8679. Shpg. wt. 7 lbs.

YC2187—Your Cost **\$1.65**

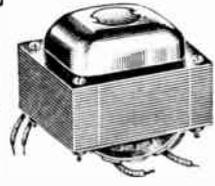
### RCA-Victor Model 100

Genuine RCA Part No. 9045. Also used in GE Model K-43 and in Westinghouse WR-32. Shpg. wt. 4 lbs.

YC2018—List \$4.84  
Your Cost **\$2.90**

## GENERAL MOTORS Power

### Transformers Model S1A



For chassis numbers: 216, 217, 219 and 250. Original Part No. 1204245. For 3-35's, 1-24, 2-27's, 1-47 and 1-80. Shpg. wt. 8 lbs.

YC2521—Your Cost **\$2.45**

### For Model S3A

Chassis No. 252, 253, 254, 255, 256, 257 and 258. Original Part No. 1204179. For 3-35s, 1-24, 3-27s, 2-45s and 1-80. Shpg. wt. 10 lbs.

YC2520—Your Cost **\$2.45**

### Columbia Model S.G. 8

An exact duplicate of the original power transformer for the Screen Grid 8 model of Columbia Radio Corp. Utilizing 3-24s; 2-27s; 2-45s and 1-80 tubes. Shpg. wt. 15 lbs.



YC2305—Your Cost **\$3.40**

### SPARTON Models 589, 591, 593, and 931 Sparton No. B2339



Replacement for the above models utilizing 7-C-484s, or 485s; 2-C-182s or C-183s, and 1-C-280 tubes. Shpg. wt. 10 lbs.

YA234—Your Cost **\$3.53**

## Atwater Kent POWER UNITS

These units have been built to the original manufacturers' specifications, and are guaranteed to give lasting and satisfactory service. All are color coded exactly like the original. Complete diagrams supplied with each unit.



For Models 40, 56 and 57  
Shpg. wt. 17 lbs.  
YB1376—Your Cost **\$4.95**

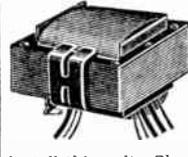
For Model 41 D.C.  
Comes complete with resistors. Shpg. wt. 17 lbs.  
YB1383—Your Cost **\$1.95**

For Models 42, 44, 45 and 52  
Shpg. wt. 17 lbs.  
YB1376—Your Cost **\$4.95**

For Models 43, 46, 47 and 53  
Shpg. wt. 19 lbs.  
YB1375—Your Cost **\$6.90**

### Atwater-Kent Power Transformer

Models 70, 72, 75, L-1, L-2, H-1, H-2



An exact duplicate of the original Atwater-Kent Power transformer used in the above models. Has the special high voltage secondary winding as used on the original. Extra heavy duty filament winding. No changes necessary to install this unit. Shpg. wt. 6 lbs.

YC2440—Your Cost **\$3.15**

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# Truest "Bottom Shell" Power Transformers



A completely shielded transformer approved by the Underwriters.

### For 5 to 6 Tubes

Secondaries: 5 volts at 3 amps., 2.5 volts at 5 1/2 amps., 2.5 volts C.T. at 1 1/2 amps., 650 volts C.T. at 30 M.A. Dimensions: 2 3/4 x 3 1/4 x 3 3/8". Shpg. wt. 5 lbs.

M.A.; primary 115 volts  
**YC1450—**  
**Your Cost**

**\$1.40**

### For 6 and 7 Tubes

Secondaries: 2.5 volts at 7 amps., 2.5 volts C.T. at 3 amps., 5 volts at 3 amps., 700 volts C.T. at 70 M.A. Dimensions: 3 1/4 x 3 3/4 x 3 3/8". Primaries 115 volts 50-60 cycles. Shpg. wt. 6 lbs.

**YC1451—**  
**Your Cost**

**\$1.60**

### For 8 and 9 Tubes

Secondaries: 2.5 volts at 10.5 amps., 2.5 volts C.T. at 3 amps., 5 volts at 3 amps., 700 volts C.T. at 90 M.A. Primary 115 volts 50-60 cycles. Dimensions: 3 3/4 x 4 1/4 x 3 1/2" high. Shpg. wt. 7 lbs.

**YC1452—Your Cost**

**\$1.95**

### For 6.3 Volt Tubes For 4 and 5 Tubes

Secondaries: 6.3 volts C.T. at 1.6 amps., 5 volts at 2 amps., 650 volts C.T. at 50 M.A. Dimensions 2 1/2 x 3 x 3 1/4" high. Primary: 115 volts 50-60 cycles. Shpg. wt. 4 lbs.

**YE5492—**  
**Your Cost**

**\$1.10**

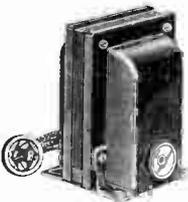
### For 6 and 7 Tubes

Secondaries: 6.3 volts C.T. at 2.8 amps., 5 volts at 3 amps., 650 volts C.T. at 70 M.A. Dimensions: 2 1/2 x 3 1/4 x 3 3/8" high. Primary: 115 volts 50-60 cycles. Shpg. wt. 8 lbs.

**YE5493—Your Cost**

**\$1.45**

## Step-Down Transformer 220 Volt to 110 Volt



Fully shielded with 6 foot heavy lamp cord for 220 volt line, and flush receptacle for 110 volt side. Size 3 1/4 x 4 x 5 1/4" high, mounting centers 2 3/4 x 3 1/4". For Receivers and Appliances drawing up to 160 watts. Shpg. wt. 9 lbs.

**YC1968**

**Your Cost**

**\$2.80**

Same as above, but for appliances drawing up to 80 watts. Shpg. wt. 6 lbs.

**YC1969—Your Cost**

**\$2.05**

## RADIART 160 Watt Variable Step-Down Transformer 200-250 V. to 110-120 V.

This transformer has a variable primary. Will handle 160 watts continuously. Comes with 16" of lamp cord with female receptacle for 110-120 volt outlet, and 5 ft. lamp cord with male plug for 200-250 volt input. Size 3 3/4 x 3 1/4 x 4". Mounting centers 1 3/4 x 3 1/4". Shpg. wt. 9 lbs.

**YC1970—List \$7.50**

**Your Cost**

**\$4.40**

### NOTE

We carry in stock at all times, a most complete line of every type and style of power transformers. Special power transformers, requiring different type windings, can be supplied at a most reasonable cost, to your own specifications. We will be pleased to quote on large quantities to jobbers and set manufacturers.

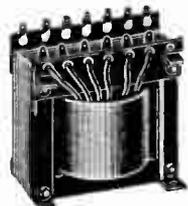


# POWER

Name of Radio and Model	Stock No.	Your Cost
<b>ALL AMERICAN MOHAWK</b>		
Lyric 90, 93, 4, 5, 6	YC2200	\$3.40
D and H	YC2201	3.69
J	YE5586	2.95
P	YE5587	2.95
<b>AMRAD</b>		
81 Bel Canto Series	YC2281	3.85
<b>APEX</b>		
Gloritone 26-A	YC2205	2.95
Gloritone 26-P	YP2484	2.95
Gloritone 27	YC2485	2.45
36 and 37	YC2206	3.35
Case 80	YC2210	3.85
8-B	YC2211	3.30
7	YC2480	2.95
32	YC2483	3.40
<b>ATWATER KENT</b>		
36, 37 and 38	YC2255	2.15
40, 56, 57, 42, 44, 45, 52 Complete Pack	YB1376	4.95
43, 46, 47, 53 Complete Pack	YB1375	6.90
41 D.C. Complete Pack	YB1383	1.95
55 and 55-C, Late Types	YC2446	3.95
60 and 60-C	YC2246	3.45
82, 85	YC2447	3.45
80 and 83	YC2472	3.40
84	YC2474	3.45
87, 89 and 89-P	YC2476	3.75
70, 72, 75, L-1, L-2, H-1, H-2	YC2440	3.15
310	YC2378	3.75
<b>BOSCH</b>		
5, 5-A	YC2406	2.50
28	YC2254	1.95
29-A	YC2336	4.10
48	YC2260	3.25
58	YC2261	3.25
60	YC2262	3.65
133	YC2202	2.95
Model 20	YC2432	2.95
Model 250-P	YC2433	3.95
Model 312	YC5588	4.95
<b>BRANDES</b>		
B-10 and B-11	YC2050	2.75
B-15 and B-16	YC2051	4.50
<b>BRUNSWICK</b>		
2-KR, 3-KR, 5-KR, 5-KR6, 5-KR, 5-KR, 5-KR6	YC2150	1.35
3-NC8 and 5-NC8	YC2153	2.60
11, 12, 16, 33	YC2083	2.95
15, 22, 32, 42	YBR119	2.25
<b>CLARION</b>		
51, 53 and 55	YCL103	3.95
60	YCL232	3.95
90	YCL197	2.50
<b>COLONIAL</b>		
31	YC2363	3.70
32	YC2279	3.40
33, 34 and 35	YC2280	3.95
36-114, 38-117, 39-125	YC2225	2.95
47	YC2227	2.75
<b>COLUMBIA-KOLSTER</b>		
930-300	YC2057	5.95
931	YC2058	5.95
<b>COLUMBIA RADIO</b>		
Screen Grid 8	YC2305	3.40
<b>CROSLEY</b>		
71, 71-1, 84	YE5590	3.95
122	YE5591	3.95
125	YE5592	3.95
131, 132	YE5593	3.95
AC-7	YC1890	1.10
608, 25 cycle	YC1885	1.75
704	YC1887	1.75
704-A	YC1886	2.25
706 Showbox and 704-B	YC1850	3.20
40-S, 41-S, 42-S and 82-S	YC1851	3.20
53, 54, 57, 58	YE5594	3.25
124	YE5595	3.25
<b>EARL</b>		
21 and 22	YC2286	2.55
24, 31, 32, 33 and 41	YC2287	2.90
24, 31, 32, 33 and 41, coil only	YC2288	1.95
<b>ECHOPHONE</b>		
S3	YE5627	3.45
<b>EDISON</b>		
R-4, R-5 and C-4	YC2251	3.85
R-6 and R-7	YC2306	4.10
R-1, R-2 and C-2 (Plate Transformer)	YC2350	2.75
R-1, R-2 and C-2 (Filament Transformer)	YC2338	4.40

Name of Radio and Model	Stock No.	Your Cost
<b>EVEREADY</b>		
1, 2 and 3	YC2254	\$1.95
30 series	YC2283	2.25
40 and 50 series	YC2284	2.70
<b>FADA</b>		
10, 11, 16, 17, 20, 30, 31 and 32	YC2277	3.70
25	YC2351	3.70
35 and 35-B	YC2352	3.70
41, 42, 44, 46 and 47	YC2353	3.70
43, KP, KG, 761, 766, 767	YC2354	3.70
50, 70, 71, 72 for E-420 Power Unit	YC2355	3.70
75 and 77	YC2357	3.70
45 (KU)	YC2358	3.70
RC	YC2461	3.70
RE	YC2462	3.70
KO and KOC; 51, 53, 57	YC2464	3.70
KX	YC2465	3.70
<b>FREED</b>		
55 and 56	YC2286	2.55
65, 78, 79, 90 and 95	YC2287	2.90
65, 78, 79, 90 and 95, coil only	YC2288	1.95
<b>FRESHMAN</b>		
"Q" 60 cycle	YC2263	2.45
N, 2-N, N-11, N-12, N-17, N-60S	YC2313	4.70
<b>GENERAL ELECTRIC</b>		
H-31, H-51 and H-71, 60 cycle	YC2156	1.88
T-41, 60 cycle	YC2155	1.90
T-41, 25 cycle	YC2143	2.50
S-22, S-42, 60 cycle	YC2187	1.65
T-12, 60 cycle	YC2188	1.70
K-62, 60 cycle	YC2189	3.95
H-32, H-72, 60 cycle	YC2190	2.95
J-72	YC2118	2.50
J-80 Series	YC2117	2.95
J-83 and J-87	YC2119	2.50
J-80 and J-85	YC2112	2.25
J-70-75	YC2454	1.75
J-100	YC2115	3.50
<b>GENERAL MOTORS</b>		
"A" Chassis, 120, 130, 140, 150, 160	YC2278	2.45
MA and MB Chassis for 110, 180, 190	YC2518	2.45
252, 253, 254, 255, 256, 257	YC2520	2.45
S-1-A, 216, 217, 219, 250	YC2521	2.45
<b>GRAYBAR</b>		
311, 60 cycle	YC2150	1.35
500 and 550, 60 cycle	YC2152	2.60
310, 60 cycle	YC2153	2.60
678, RC-3, 60 cycle	YC2155	1.90
678, RC-3, 25 cycle	YC2143	2.50
600, 60 cycle	YC2154	2.95
700, 770, 900, 60 cycle	YC2156	1.88
Midget 8, 60 cycle	YC2187	1.65
Graybarette No. 4, 60 cycle	YC2188	1.95
GB-9, 60 cycle	YC2189	3.25
GB-100, 60 cycle	YC2190	2.95
<b>GREBE</b>		
AC-6	YC2234	3.65
AH-1	YC2228	3.95
412 Amplifier	YC2229	2.95
<b>GRUNOW</b>		
6C, 660, 661	YE5601	3.95
6D, 670, 671	YE5602	3.95
7A, 700, 701	YE5603	3.95
7B, 730, 751	YE5604	3.95
8A, 801	YE5605	3.95
9A, 901, 902	YE5606	3.95
<b>GULBRANSEN</b>		
"C", 9-in Line	YC2316	4.40

## For 8 and 9-Tube Receivers



Has following windings: High voltage delivers 750 volts C.T. at 100 M.A.; 2.5 volts C.T. at 9 amps.; 2.5 volts at 3 amps.; 5 volts at 2 amps. Primary for 105-120 volts, 50-60 cycles. Size 4 1/2 x 3 1/4 x 1 1/2"; mtg. centers 2 5/8 x 3 13/16". Shpg. wt. 9 lbs.

**YC1488**  
**Your Cost... \$2.65**

# TRANSFORMERS

## Truest Universal Mounting Transformers



**YC1463—YC1476—YC1477**  
—Dimensions:  $4\frac{1}{2} \times 3\frac{3}{4} \times 3\frac{1}{2}$ "  
Mounting:  $1\frac{1}{8}$ " to  $2 \times 1\frac{1}{8}$ " to  $2\frac{7}{8}$ " or,  $1\frac{1}{8}$ " to  $2\frac{1}{8} \times 1\frac{1}{8}$ " to  $3\frac{1}{8}$ "

**YC1475**—Dimensions:  $4\frac{1}{2} \times 3\frac{3}{4} \times 3\frac{1}{2}$ "  
Mounting:  $1\frac{1}{8}$ " to  $2\frac{1}{8} \times 1\frac{1}{8}$ " to  $2\frac{7}{8}$ " or,  $1\frac{1}{8}$ " to  $2\frac{1}{8} \times 1\frac{1}{8}$ " to  $3\frac{1}{8}$ "  
All 25 cycle transformers are slightly larger in size.

### For New Type Sets

#### 8 to 10 Tubes

For 5-227's or 224's; 2-245's or 247's, 1-280.  
Primary: 110 volts 50-60 cycles.  
Secondaries: (1) 700 volts C.T. 110 M.A. (plate).  
(2) 5 volts C.T. 2 amps. (1-280 filament).  
(3) 2.5 volts C.T. 3.5 amps. (2-245 or 247 filament).

(1) 2.5 volts C.T. 8.75 amps. (5-227's or 224's filament). Shpg. wt. 6 lbs.  
110 volts 50-60 cycles. **\$2.10**

**YC1477—Your Cost**  
For 110 volts 25 cycles. Shpg. wt. 10 lbs.  
**YC1467—Your Cost** **\$3.45**

#### 10 to 12 Tubes

For 7-277's, or 224's, 2-245's or 247's, 1-280.  
Primary: 110 volts 50-60 cycles.  
Secondaries: (1) 700 volts C.T. 110 M.A. (plate).  
(2) 5 volts, 2 amps. (1-280 filament).  
(3) 2.5 volts C.T. 3.5 amps. (2-245's or 247's filament).

(1) 2.5 volts C.T. 12.25 amps. (7-277's or 224's filament). Shpg. wt. 10 lbs.  
110 volts 50-60 cycles. **\$2.55**

**YC1475—Your Cost**  
For 110 volts 25 cycles. Shpg. wt. 15 lbs.  
**YC1465—Your Cost** **\$3.95**

### For Old Type Sets

#### 8 to 10 Tubes

For 6-226's, 1-227's, 2-171A's, 1-280.  
Primary: 110 volts 50-60 cycles.  
Secondaries: (1) 600 volts C.T. 80 M.A. (plate).  
(2) 5 volts, 2 amps. (1-280 filament).  
(3) 2.5 volts C.T. 1.75 amps. (1-227 filament).  
(4) 5 volts C.T.  $\frac{1}{2}$  amp. (2-171A's filament).

(5) 1.5 volts 6.3 amps. (6-226's filament). Shpg. wt. 6 lbs.  
110 volts 50-60 cycles. **\$2.30**

**YC1476—Your Cost**  
For 110 volts 25 cycles. Shpg. wt. 10 lbs.  
**YC1466—Your Cost** **\$3.75**

#### 7 to 9 Tubes

For 6-227's, or 224's, 2-171A's, 1-280.  
Primary: 110 volts 50-60 cycles.  
Secondaries: (1) 600 volts C.T. 70 M.A. (plate).  
(2) 5 volts, 2 amps. (1-280 filament).  
(3) 5 volts C.T.  $\frac{1}{2}$  amp. (2-171A's filament).  
(4) 2 $\frac{1}{2}$  volts C.T. 10.5 amps. (6-227's or 224's filament). Shpg. wt. 6 lbs.

110 volts 50-60 cycles. **\$2.30**

**YC1463—Your Cost**  
For 110 volts 25 cycles. Shpg. wt. 10 lbs.  
**YC1464—Your Cost** **\$3.75**

### Field Exciter Transformers



Open type with long coded leads. Have primary, high voltage and rectifier filament windings. Deliver full rated voltages and current. Primaries for 105-120 volts, 50-60 cycles A.C. Average size  $3 \times 2\frac{1}{2} \times 2\frac{1}{2}$ ". Shpg. wt. 4 lbs.

**YC2291**—Delivers 250 volts at 50 M.A. with 80 rectifier. **\$1.45**  
**Your Cost Each**

**YE5506**—Delivers 100 volts at 110 M.A. with 80 rectifier. **\$1.95**  
**Your Cost Each**

**YE5507**—Delivers 160 volts at 160 M.A. with 83 rectifier. **\$2.25**  
**Your Cost Each**

Name of Radio and Model	Stock No.	Your Cost
<b>KENNEDY</b>		
10 and 20.....	YC2359	\$2.75
<b>KOLSTER</b>		
K-20, K-21, K-22, K-23, K-25, 60 cycle.....	YC2052	4.45
K-20, K-21, K-22, K-23, K-25, 25 cycle.....	YC2053	5.95
K-24.....	YC2054	5.30
K-43 and K-48.....	YC2051	4.50
6-J and 6-K.....	YC2066	3.75
International K-80, K-90.....	YC2068	3.95
International K-110, K-120.....	YE5607	3.75
International K-130.....	YE5608	3.95
International K-140.....	YE5609	3.95

Name of Radio and Model	Stock No.	Your Cost
<b>MAJESTIC</b>		
70, 71, 72, 7-BP6, Plate-Filament.....	YC2125	3.75
90, 91, 92, 9-BP6, Plate-Filament.....	YC2100	3.45
180, 8-BP6, Plate Transf. 70 Series, Filament Transformer 7-BP6.....	YC2169	4.25
90-B and 100-B.....	YC2105	.39
Chassis 15: 151, 153, 154.....	YC2127	3.40
Chassis 20: 21, 22, 23.....	YC1491	2.50
Chassis 50: 52.....	YC2129	3.75
Chassis 130: 130, 131, 132.....	YC2132	3.75
25 Series.....	YC2130	3.45
35, 351.....	YC2128	3.25
210, 211, 214, 215.....	YC2099	2.95
230A.....	YC2097	3.95
220, 221, 223.....	YC2040	3.80
290, 291, 293, 294.....	YE5610	5.45
320, 324.....	YE5611	3.45
340, 344.....	YE5612	4.25
360, 363.....	YE5613	3.85
371, 373, 370.....	YE5614	2.85
300, 300A.....	YE5615	3.25
310A, 311.....	YC2044	3.25
310B, 314, 315.....	YC2045	2.25
330, 331, 336, 77.....	YC2046	2.25
380, 381.....	YC2047	1.95
800.....	YC2016	1.70
	YC2049	2.25

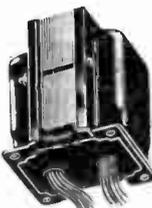
Name of Radio and Model	Stock No.	Your Cost
<b>PEERLESS</b>		
65 for electrostatic speaker.....	YE5616	3.85
70, 71, 72 for dynamic spkr.....	YE5617	3.85
70, 71, 72 for electro spkr.....	YE5618	4.75

Name of Radio and Model	Stock No.	Your Cost
<b>PHILCO</b>		
15.....	YC1909	2.35
20 and 220.....	YC1955	2.35
21.....	YC1910	2.35
50.....	YC1951	2.35
65.....	YC1956	2.35
70.....	YC1957	2.35
76 and 77.....	YC1958	2.35
86.....	YC1960	2.35
87.....	YC1959	2.35
90 (2-45s).....	YC1961	2.35
90 (1-17).....	YC1952	2.35
90 (2-47s).....	YC1953	2.35
91-121.....	YC1911	2.35
95 and 96.....	YC1962	2.35
111 and 211.....	YC1963	2.35
112 and 212.....	YC1954	2.35
500 Series (511).....	YC1964	2.35

Name of Radio and Model	Stock No.	Your Cost
<b>RCA-RADIOLA</b>		
30-A.....	YC2175	2.45
17, 18, 33, 40, 51; 60 cycle.....	YC2150	1.35
44, 46, 47; 60 cycle.....	YC2152	2.60
60 and 62; 60 cycle.....	YC2153	2.60
66; 60 cycle.....	YC2154	2.95
66; 25 cycle.....	YC2193	3.95
64 and 67; 60 cycle.....	YC2157	8.35
42 and 48; 60 cycle.....	YC2155	1.90
42 and 48; 25 cycle.....	YC2143	2.50
80, 82, 86; 60 cycle.....	YC2156	1.88
Superette (8 tube), 60 cycle.....	YC2187	1.65
Radiolette (4 tube), 60 cycle.....	YC2188	1.70

## THORDARSON High Power Transformer

Has following windings: High voltage delivers 1200 volts C.T. at 200 M.A.; 2.5 volts C.T. at 10 amps.; 7.5 volts C.T. at 3 amps.; 5 volts at 3 amps. (for rectifier). Primary for 115 volts, 60 cycles A.C. 5x4x1 $\frac{1}{2}$ ". Mounting centers 3x3". Shpg. wt. 12 lbs.



**YA226—Your Cost** **\$2.45**

Name of Radio and Model	Stock No.	Your Cost
<b>RCA-RADIOLA—(Cont.)</b>		
R-11, 18 and 18-A; 60 cycle.....	YC2189	53.95
R-50, R-55 and RE-20, 60 cycle.....	YC2190	2.95
R-8, R-10, R-12; 60 cycle.....	YC2112	2.25
R-71, R-72.....	YC2117	2.95
R-4, R-6.....	YC2454	1.75
R37, R38, R37P, R38P, 120.....	YC2009	2.88
R28, R28P, R28BW, RE40, RE40P, 110, 111, 115, 120, 310.....	YC2008	2.56
140, 141, 141E, 240.....	YC2010	4.10
R90, R90P, 260.....	YC2014	5.10
R-100, R-101.....	YC2011	1.92
330, 331.....	YC2015	2.88

Name of Radio and Model	Stock No.	Your Cost
<b>SONORA</b>		
A-31, A-33, A-35, B-31.....	YC2275	2.95

Name of Radio and Model	Stock No.	Your Cost
<b>SPARTON</b>		
AC-7, 62 and 63.....	YA229	2.35
930.....	YA228	2.75
89-A.....	YA231	4.10
101, 110, 111, 574 and 870.....	YA233	4.40
589, 591, 593 and 931.....	YA234	3.53
301, 564 and 570.....	YA235	5.50
600, 610, 620 and 737.....	YA236	3.45
410, 420.....	YA250	3.25
25, 26, 30 and 45.....	YA251	3.75
69, 79, 79A, 89.....	YC1834	2.95

Name of Radio and Model	Stock No.	Your Cost
<b>STEINITE</b>		
40, 40A, 40S and 45A.....	YC2276	3.30
70.....	YC2217	2.90
261, 262, Complete Pack.....	YC2494	7.25
40C, 60C, 102C, 41C.....	YE5600	3.95
50A, 102A.....	YE5619	4.95

Name of Radio and Model	Stock No.	Your Cost
<b>STEWART-WARNER</b>		
900 Series.....	YC1809	2.95
950 Series, 951, 952, 953, 961, 962, 963.....	YC2272	3.55
100-A and 100-B.....	YC2242	3.65
515, 516, 715, 801, 801-A, 802.....	YC2204	2.95
102, A, B, E.....	YC2214	2.95
102, A, B, C, 25 cycle.....	YC2216	4.45
R-119.....	YC1804	1.59
R-120, 1201, 1209.....	YE5620	3.95
R-106.....	YE5621	3.95

Name of Radio and Model	Stock No.	Your Cost
<b>STROMBERG-CARLSON</b>		
10, 11, 25 and 26.....	YC7370	3.45
19, 20, 22 and 22A.....	YC7371	3.75
37.....	YE5622	3.95
38, 39, 40, 41.....	YC7392	3.45
635 and 636.....	YC2256	3.45
638, 25-60 cycle.....	YC2249	4.95
641, 642, 652, 654.....	YC2257	3.40
846 and 848.....	YC2258	4.10
846 Speaker Transformer.....	YC2346	3.25
60.....	YC1833	3.45

Name of Radio and Model	Stock No.	Your Cost
<b>VICTOR</b>		
R-32, RE-15, R-52 and RE-75 (new type).....	YC2185	2.65
15, 14 and 17.....	YC2155	1.90
35, 39 and 57; 60 cycle.....	YC2195	1.88
35, 39 and 57; 25 cycle.....	YC2442	3.95
7-11, 7-25, 7-26 and 17-8; 60 cycle.....	YC2150	1.35
9-18 and 9-54.....	YC2157	8.35
R-7AC.....	YC2187	1.66
R-5AC.....	YC2188	1.70
R-11.....	YC2189	3.95
R-50, R-55, RE-20.....	YC2190	2.95

Name of Radio and Model	Stock No.	Your Cost
<b>WESTINGHOUSE</b>		
WR-4.....	YC2155	1.90
WR-5, WR-6 and WR-7.....	YC2156	1.88
WR-10A.....	YC2187	1.65
WR-14.....	YC2188	1.70
WR-15.....	YC2189	3.95

Name of Radio and Model	Stock No.	Your Cost
<b>ZENITH</b>		
50-60 and 70 Series: ZE-50, ZE-60, ZE-70 Power Units.....	YC1980	3.50
Super-Het, 10, 11 and 12; 60 cycle.....	YC1981	3.20
59, 60, 70 Series; 25 cycle.....	YC1988	4.95
ZE-240.....	YC1978	3.75
ZE-7 Plate Transformer.....	YC1985	3.75
ZE-11 Plate Transformer for 34-P, 35-P, 37A.....	YC1976	2.95
410, 411.....	YC1977	3.75
BH chassis 2021.....	YE5623	3.75
210-5, 211-5, 270-5.....	YE5624	2.95
475, 760, 767, 765.....	YE5625	3.75
475B, 77B, 775B.....	YE5626	3.95

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# THORDARSON POWER TRANSFORMERS

## Fully Shielded Types

Upright mounting transformers, with long color coded leads at the bottom. Knockouts in sides of shield allow bringing leads through for wiring on top of chassis. All voltage and current ratings are accurate.



### 2.5 Volt (7 to 11 Tubes)

T-5602—Secondaries: 700 volts C.T. at 70 M.A.; 2.5 C.T. at 9 amps.; 2.5 volts C.T. at 1.5 amps.; 5 volts at 2 amps. Dimensions:  $4\frac{1}{2} \times 3\frac{1}{4} \times 3\frac{1}{4}$ " ; mounting holes  $2\frac{3}{4} \times 3$ ". Shpg. wt.  $7\frac{1}{2}$  lbs.  
**YA261—Your Cost**..... **\$2.50**

### 2.5 Volt (8 to 12 Tubes)

T-5604—Secondaries: 700 volts C.T. at 105 M.A.; 2.5 volts C.T. at 12 amps.; 5 volts at 2 amps. Dimensions:  $5 \times 3\frac{1}{4} \times 3\frac{1}{4}$ " ; mounting holes  $3 \times 3\frac{1}{4}$ ". Shpg. wt. 9 lbs.  
**YA263—Your Cost**..... **\$3.09**

### 2.5 Volt (10 to 14 Tubes)

T-5605—Secondaries: 700 volts C.T. at 110 M.A.; 2.5 volts C.T. at 9 amps.; 2.5 volts C.T. at 3 amps.; 2.5 volts C.T. at 3 amps.; 5 volts at 2 amps. Dimensions:  $5 \times 3\frac{1}{4} \times 3\frac{1}{4}$ " ; mounting holes  $3 \times 3\frac{1}{4}$ ". Shpg. wt. 11 lbs.  
**YA264—Your Cost**..... **\$3.38**

### 6.3 Volt (7 to 8 Tubes)

T-7061—Secondaries: 770 volts C.T. at 70 M.A.; 6.3 volts C.T. at 2.5 amps.; 5 volts at 2 amps. Dimensions:  $4\frac{1}{2} \times 3\frac{1}{4} \times 3\frac{1}{4}$ " ; mounting holes  $2\frac{3}{4} \times 2\frac{1}{2}$ ". Shpg. wt. 7 lbs.  
**YA321—Your Cost**..... **\$2.35**

### For Class "B" Receivers

T-6793—Secondaries: 700 volts C.T. at 200 M.A.; 2.5 volts C.T. at 15 amps.; 5 volts at 3 amps.; 5 volts C.T. at 2 amps. Dimensions:  $5 \times 3\frac{1}{4} \times 4\frac{1}{2}$ " ; mounting holes  $3\frac{1}{2} \times 3\frac{1}{4}$ ". Shpg. wt. 12 lbs.  
**YA425—Your Cost**..... **\$4.70**

T-6935—Secondaries: 775 volts C.T. at 200 M.A.; 6.3 C.T. at 3 amps.; 5 amps. at 3 amps. Dimensions:  $5 \times 3\frac{1}{4} \times 4\frac{1}{2}$ " ; mounting holes  $3 \times 2\frac{3}{4}$ ". Shpg. wt. 12 lbs.  
**YA426—Your Cost**..... **\$4.12**

## HALF-SHELL TYPES

Designed for general replacement purposes and for use in new equipment. Flush mounting type with solder lug terminals mounted on fibre supports. All terminals coded for easy identification.

### 2.5 Volt (4 to 6 Tubes)

T-5002—Secondaries: 4 volts at 2 amps.; 2.5 volts C.T. at 5 amps. and 620 volts C.T. at 40 M.A. Dimensions:  $3 \times 3\frac{1}{2} \times 3$ " ; mounting centers  $2\frac{3}{4}$ ". Shpg. wt. 5 lbs.  
**YA270—Your Cost**..... **\$1.62**

### 2.5 Volt (5 to 9 Tubes)

T-4900—Secondaries: 5 volts at 2 amps.; 2.5 volts C.T. at  $8\frac{1}{2}$  amps. and 700 volts C.T. at 70 M.A. Dimensions:  $3\frac{1}{2} \times 3\frac{1}{2}$ ". Hole required in chassis  $1\frac{1}{2} \times 2\frac{7}{8}$ ". Shpg. wt. 8 lbs.  
**YA424—Your Cost**..... **\$1.90**

### 2.5 Volt (8 to 12 Tubes)

T-6363—Secondaries: 5 volts at 2 amps., 2.5 volts C.T. at 3 amps., 2.5 volts C.T. at 9 amps. and 700 volts C.T. at 80 M.A. Dimensions:  $3\frac{1}{2} \times 3\frac{1}{4}$ ". Chassis hole  $1\frac{1}{2} \times 2\frac{7}{8}$ ". Shpg. wt. 8 lbs.  
**YA440—Your Cost**..... **\$2.35**

### 2.5 Volt (8 to 14 Tubes)

T-5003—Secondaries: 5 volts at 2 amps.; 2.5 volts C.T. at 12 amps. and 700 volts C.T. at 80 M.A. Dimensions:  $3\frac{1}{2} \times 3\frac{1}{4} \times 3\frac{1}{4}$ " ; mounting holes  $3\frac{1}{2} \times 2\frac{7}{8}$ ". Shpg. wt. 8 lbs.  
**YA399—Your Cost**..... **\$2.20**

### 6.3 Volt

T-7021—Secondaries: 6.3 volts C.T. at 3 amps.; 2.5 volts at 4 amps.; 5 volts at 2 amps. and 700 volts C.T. at 70 M.A. Dimensions:  $3\frac{1}{2} \times 3\frac{1}{4}$ ". Chassis hole  $1\frac{1}{2} \times 2\frac{7}{8}$ ". Shpg. wt. 8 lbs.  
**YA459—Your Cost**..... **\$2.05**

**All Primaries designed for 110-115 volts, 50-60 cycles A.C. All terminal connections coded (color or number).**

## Transformers For Sets Using Type '26 Tubes Fully Shielded

T-5601—Secondaries: 650 volts C.T. at 70 M.A.; 1.5 volts C.T. at 4 amps.; 1.5 volts C.T. at 1 amp.; 2.5 volts C.T. at 3 amps.; 5 volts C.T. at .5 amps.; 5 volts at 2 amps. Dimensions:  $4\frac{1}{2} \times 3\frac{1}{4} \times 3\frac{1}{4}$ " ; mounting holes  $2\frac{3}{4} \times 3$ ". Shpg. wt. 8 lbs.



**YA260—Your Cost**..... **\$2.65**

T-5603—Secondaries: 700 volts C.T. at 105 M.A.; 1.5 volts C.T. at 5 amps.; 1.5 volts C.T. at 1 amp.; 2.5 volts C.T. at 3 amps.; 2.5 volts C.T. at 1.75 amps.; 5 volts at 2 amps. Dimensions:  $5 \times 3\frac{1}{4} \times 3\frac{1}{4}$ " ; mounting holes  $3 \times 2\frac{3}{4}$ ". Shpg. wt. 9 lbs.  
**YA262—Your Cost**..... **\$3.23**

## Special Values in High Power Transformers

Fully shielded type as illustrated above with the exception of T-6541, which is half snail type with lugs at bottom (illustrated at left). Are suitable for receivers and low power transmitters. Prices are unusually low.

T-6912—Secondaries: 800 volts C.T. at 100 M.A.; 2.5 volts C.T. at 5 amps.; 2.5 volts C.T. at 5 amps.; 5 volts at 3 amps. Dimensions:  $4\frac{1}{2} \times 3\frac{1}{4} \times 3\frac{1}{4}$ ". Shpg. wt. 7 lbs.  
**YA427—Your Cost**..... **\$2.25**

T-3773—Secondaries: 870 volts C.T. at 150 M.A.; 2.5 volts C.T. at 5 amps.; 7.5 volts C.T. at 2.5 amps.; 5 volts at 3 amps. Dimensions:  $5 \times 3\frac{1}{4} \times 3\frac{1}{4}$ ". Shpg. wt. 10 lbs.  
**YA222—Your Cost**..... **\$2.95**

T-6541—Secondaries: 1000 volts C.T. at 150 M.A.; 2.5 volts C.T. at 8 amps.; 7.5 volts C.T. at 2.5 amps.; 5 volts at 3 amps. Dimensions:  $5 \times 3\frac{1}{4} \times 3\frac{1}{4}$ ". Shpg. wt. 14 lbs.  
**YA334—Your Cost**..... **\$3.25**

**NOTE—Information on the new Thordarson 6 watt and 30 watt amplifier kits is available. Write for prices and discounts.**

## New! THORDARSON 18 Watt High-Gain Power Amplifier Kit

### "Build-It-Yourself"

This excellent amplifier will operate with either crystal, ribbon, dynamic or carbon mikes and can be used with any type input without changing the circuit. Supplies field current for one to four speakers. Supplies mike current for carbon mikes. Gain of 114.9 db. Both gain and tone controls. Output impedances 4, 8, 15 and 500 ohms. Excellent frequency response. Two units—amplifier and power supply. **Foundation Unit**

contains: power supply base with three sockets mounted, amplifier base with nine sockets mounted, sub-assembly base and four resistance strips, one each, input and output terminal strips and complete instructions and diagrams for assembling. Shpg. wt. 7 lbs.  
**YM12865—Foundation Unit as described. List \$6.00** **Your Cost**..... **\$3.53**

One each of the following required: Average shpg. wt. 6 lbs.  
**YA300—T-7428 Power Transformer. Your Cost**..... **\$3.82**  
**YR336—T-7429 Power Choke. Your Cost**..... **2.79**  
**YA332—T-7430 Filter Choke. Your Cost**..... **.88**  
**YA301—T-7431 Tapped Input Impedance. Your Cost**..... **2.20**  
**YA338—T-7432 Push-Pull Input. Your Cost**..... **2.20**  
**YA333—T-1892 Choke. Your Cost**..... **1.03**  
**YC1753—T-5319 Choke. Your Cost**..... **.79**  
**YA335—T-7549 Choke. Your Cost**..... **.79**  
**YA328—T-6594 Output Transformer. Your Cost**..... **2.94**

**NOTE—For complete list of additional parts required, write for free technical bulletin describing this amplifier in detail. Full technical specifications and diagrams included.**

## New! THORDARSON Capacity and Leakage Tester. Sold in Kit Form

A combined condenser capacity and leakage tester which will prove an invaluable aid to the serviceman. Sold in kit form, it is inexpensive to build. It checks capacities from 001 to 50 mfd. in five ranges. In addition, any unknown resistor, condenser or iron core choke may be compared with any similar known standard by use of a bridge ratio comparison circuit. Leakage is indicated by a neon bulb. Voltage for leakage test derived from D.C. power supply of the receiver under check or from an external B supply. Voltage through neon bulb automatically polarizes the condenser.



**FOUNDATION KIT—Consists of a portable walnut instrument case; an etched and drilled metal panel and scale, mounting screws and complete instructions. Shpg. wt. 8 lbs.**  
**YJ10540—Your Cost**..... **\$2.64**

ADDITIONAL PARTS REQUIRED						
Stock No.	Quan. Req.	Cost Each	Stock No.	Quan. Req.	Cost Each	
YA303	1	\$1.18	YM13056	1	$1\frac{1}{2}$ " Bar Knob	\$0.07
YA333	1	.53	YM13055	1	$2\frac{1}{4}$ " Bar Knob	.10
YG7919	1	.09	YD3985	1	$\frac{1}{2}$ " Mfd. 400 V.	.56
YM12879	8	.04	YD3272	1	1 Mfd. 400 V.	.49
YW12264	1	.36	YD3174	2	.5 Mfd. 400 V.	.18
YM13331	1	.06	YD3181	1	.05 Mfd. 400 V.	.08
YF6247	1	.59	YD3744	1	.005 Mfd. 400 V.	.12

# THORDARSON Replacement AUDIO TRANSFORMERS



## Straight Audio Transformers

Thordarson Audio Transformers are universally acknowledged to be the standard of excellence with regard to quality and dependability. They are ruggedly built to withstand any normal condition of use, and the fine quality of the materials used assures perfect satisfaction. Units are available in all popular types of mounting. Type R-300 is specially designed for P. A. work.

Stock No.	Type No.	Mount. Fig.	Turn Ratio	Dimensions			List Price	Your Cost
				H.	W.	D.		
YA213	R100	2C	1:3	2 1/2"	2"	1 3/4"	\$1.75	\$1.03
YA239	R300	2A	1:3	3"	2 1/2"	2 1/2"	3.50	2.35
YA240	R103	2C	1:2	2 1/2"	2 1/8"	1 3/8"	2.00	1.18
YA265	T2999	2B	1:2	2 1/2"	2"	2 1/8"	1.75	1.03
YA266	T5736	2F	1:2	2 1/2"	2"	2 1/8"	2.00	1.18
YA267	T5737	2B	1:3	3"	2 1/2"	2"	3.00	1.75
YA268	T5738	2F	1:3	3"	2 1/2"	2 1/2"	3.25	1.90

Average shipping weight 3 lbs.



## P.P. Input Transformers

The units listed below are designed to couple a 10,000 ohm plate to P.P. grids. The 10,000 ohm plate includes type 56, 76, 37, 27, 01A, 30, 55, 85, 57, 77 and 6C6 tubes as triodes. To grids of any tubes operating in Class A and delivering under 15 watts. The power detector transformers are designed for highly selective sets to compensate for the loss of high notes due to side band cutting.

Stock No.	Type No.	Mount. Fig.	Turn Ratio	Dimensions			List Price	Your Cost
				H.	W.	D.		
YA216	R101	2C	1:3.2	2 1/2"	2 1/8"	1 3/4"	\$1.32	1.18
YA281	T3391	2B	1:3.2	2 1/8"	2"	2 1/8"	1.18	1.32
YA282	T5739	2P	1:3.2	2 1/8"	2"	2 1/8"	1.32	2.05
YA284	T5740	2B	1:3	3"	2 1/2"	2 1/2"	2.20	2.05
YA284	T5741	2F	1:3	3"	2 1/2"	2 1/2"	2.20	2.05
YA285	T5742*	2B	1:3	3"	2 1/2"	2 1/2"	2.20	2.20
YA286	T5743*	2F	1:3	3"	2 1/2"	2 1/2"	2.20	2.20
YA243	T4304	2A	1:3	3"	2 1/2"	2 1/2"	2.35	2.35

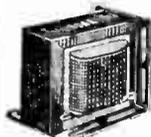
\* High Peak for Power Detection.

## Push-Pull Interstage Transformers

Similar to the above, but for the P.P. Plates to P.P. Grids.

Stock No.	Type No.	Mount. Fig.	Turn Ratio	Dimensions			List Price	Your Cost
				H.	W.	D.		
YA323	T6434	2B	1:1.3	3"	2 1/2"	2"	\$3.50	\$2.05
YC2259	T5397	2F	1:1.3	3"	2 1/2"	2 1/2"	3.75	2.20
YA324	T6791*	2B	1:1.5	3"	2 1/2"	2"	3.50	2.05
YA272	T5870*	2F	1:1.5	3"	2 1/2"	2 1/2"	3.75	2.20

\* May carry grid current in Class AB; not for use in Class B stages.



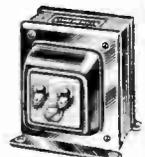
## Filter Chokes

All Thordarson Filter Chokes are designed to secure maximum inductance possible for the specified operating conditions. Careful insulation and rugged construction make them the ideal audio components. The inductance ratings shown below are taken with full rated current flowing through the choke. Average shipping weight 3 lbs.

Stock No.	Type No.	Mount. Fig.	Inductance	Cap'y M.A.	Res. Ohms	Your Cost
YA241	R105	2C	40 H	75	266	\$1.03
YA332	T7430	2B	12 H	15	2100	.88
YA333	T1892	2B	22 H	35	405	1.03
YA334	T6807	2B	15 H	85	375	1.18
YA287	T5751	2B	5 H	80	138	.88
YA288	T5752	2F	5 H	80	138	1.03
YA289	T5753	2B	9.5 H	110	200	1.18
YA290	T5754	2F	9.5 H	110	200	1.33
YA335	T7519	2B	7.2 H	120	290	.79
YA336	T7429	2C	9.85 H	150	200	2.79

## Output Coupling Transformers

The listing below has been chosen so that it would cover practically all tube and speaker combinations in general use. Types R107 and T5701 are Universal Transformers. They will match the impedance of any single or P.P. output tubes to voice coils of from 1 to 29 ohms impedance (provided with five secondary taps). Average shipping weight 3 lbs.



Stock No.	Type No.	Mount. Fig.	To Match	Sec. Imp. Ohms	Your Cost
YA275	R107	2C	Universal	.1 to 29	\$1.32
YA276	T3399	2B	P.P. 45, 71A, etc.	6-12	1.03
YA277	T5744	2F	P.P. 45, 71A, etc.	6-12	1.18
YA278	T5701	2E	Universal	.1 to 29	1.18
YA326	T6751	2F	19 or P.P. 49 Class B	4, 8, 15, 500	2.84
YA273	T5872	2R	P.P. 2A3, 48 Tetrodes	4, 8, 15, 500	2.05
YA274	T5873	2R	P.P. 2A3, 48 Tetrodes	4, 8, 15, 500	2.05
YA327	T6751	2F	P.P. 2A5, 47, 41, 42, 33, 6A4, LA, 59 and 89	4, 8, 15, 500	2.20
			6A4, LA, 59 and 89	4, 8, 15, 500	2.20
			Pentodes: 79 in Class B, 10 in Class A		
YA328	T6594	2F	P.P. 50 Class A; 2A5, 42 Class AB; P.P. parallel 79 Class B	4, 8, 15, 500	2.94
YA329	T6748	2F	P.P. 71A, 45 Class A, 43 pent, or 53 Class B	4, 8, 15, 500	2.20
YA330	T7575	2F	P.P. 2B36 or 6B5	4, 8, 15, 500	3.53
YA331	T6792	2F	P.P. parallel 2A3	4, 8, 15, 500	3.53

## P.P. Output Chokes

These chokes were used extensively in the older types of receivers, using high impedance magnetic speakers. Average shipping weight 3 lbs.

Stock No.	Type No.	Mount. Fig.	Used With	Your Cost
YA291	R102	2C	P.P. 45, 71A, 46, etc.	\$1.18
YA292	T5747	2B	P.P. 45, 71A, 46, etc.	1.03
YA293	T5748	2F	P.P. 45, 71A, 46, etc.	1.18
YA294	T5749	2B	P.P. 50, 110, 45, 46	1.62
YA295	T5750	2F	P.P. 50, 110, 45, 46	1.75



## Microphone, Line and Mixer Transformers

Specially designed to fulfill the requirements in the Sound or Public Address fields. Although the listing below covers only the more popular types of transformers, we can speedily furnish any transformer you may require. Average shipping weight 3 1/2 lbs.

Stock No.	Type No.	Mount. Fig.	Characteristics	List Price	Your Cost
YA375	T6573	2F	D.B. Mike (200 ohms) to grid	\$3.25	\$1.90
YA376	T6822	2B	D.B. Mike (200 ohms) to grid	3.90	1.75
YA258	T3020	2A	D.B. Mike (200 ohms) to grid	3.50	2.05
YA378	T6372	2F	50, 100, 150 or 200 ohms (1 to 4 circuit mixer) to grid	4.00	2.35
YA379	T6194	2F	500 or 125 ohm line to P.P. grids in Class A	4.00	2.35
YA380	T7083	2F	Crystal Mike to 200 or 50 ohms line (or mixer)	4.00	2.35
YA384	T5515	2F	Plate to 200 or 50 ohm line	3.00	1.75
YA385	T6226	2F	Plate to 500 or 125 ohm line	3.00	1.75

## Driver Transformers

Stock No.	Type No.	Mount. Fig.	Characteristics	Your Cost
YA296	T5289	2A	46 or 59 Class A to P.P. 46's, 59's Class B	\$2.94
YA338	T7432	2F	P.P. 76, 56 to 42's, 2A3's, Cl. AB, or 2A3's in P.P. parallel	2.20
YCA339	T7201	2F	P.P. 56's to 45's P.P. in Cl. AB	2.20



## THORDARSON Type T-4252 P. P. Input



A fully shielded transformer attractively finished in black enamel. Extra heavy core. For use with 27 into 45, 47, 42, 71A, etc., tubes. Used in Philco models 65, 95, 96, 111, 112. Shpg. wt. 3 lbs. **YC1755—Your Cost . . . \$1.70**

## Type T-3855 P.P. Input

Similar in appearance to the above. Ratio 1:4. For use with 27 into a 26 tube (by omitting the center tap) or 26 into P.P. 45, 71A, 31, 50, etc. Used in Philco 86 and 87. Shpg. wt. 3 lbs. **YC1756—Your Cost . . . \$1.34**

## THORDARSON T-2927 Screen Grid Coupler



For coupling a screen grid tube to an audio stage. Will provide approximately 3 times the gain of resistance coupling. Inductance 1080 henries at 8 M.A. maximum D.C. Has leads. Size: 1 3/4 x 2 1/4 x 2" high. Shpg. wt. 3 lbs. **YE5497—Screen Grid Coupler Your Cost . . . \$1.73**

## NOTE

Due to limited space it is impossible to list the complete Thordarson line. We can supply any Thordarson product at 40 and 2% from List.

## THORDARSON Type T-1700B Filter Choke



Fully cased filter choke rated 8.75 henries, 130 M.A. (inductance measured under full load). Has D.C. resistance of 231 ohms. 1600 volt insulation. Size: 3 1/2 x 2 1/4 x 3"; mtg. centers 3 3/8". Shpg. wt. 4 lbs. List price \$3.25. **YA269—Your Cost . . . \$1.90**

## Type R-196 Choke

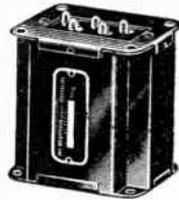
Fully shielded with binding post terminals on side. Rated inductance 15 henries at 85 M.A. (inductance at full rated load). Size 3 x 2 1/2 x 2 1/2". Shpg. wt. 4 lbs. **YA242—Your Cost . . . \$1.76**

# STANDARD AUDIO Transformers

## Lafayette "P.A." Transformers

Employ the finest grade of high permeability core material. Each unit individually checked for frequency characteristics and overall performance. Uniform response, low wave-form dis-

tortion, high efficiency, thorough shielding and dependability are assured. Only more popular numbers are listed below; for complete line refer to page 116 in Catalog 56.



## New UTC Varitone

A revolutionary audio device which permits full control of audio response. Enables tone correction or emphasis of high or low notes or both. Makes phono and radio reception more pleasant and more life-like. Suited for adaptation to theatre sound equipment. Will help attenuate "lows" that cause reverberation. Type VT-1 and VT-2 used in conjunction with a 50,000 ohm potentiometer. Technical details, including all possible tone variations (curves) sent on request. Shpg. wt. each, 2 lbs.



### CLASS B OUTPUTS

P.P. 49, 53, 79, 89 plates to 500, 200, 16, 8, 5, 3 and 1.5 ohms. Type A mounting.

**YD5430—Your Cost** ..... \$3.95

P.P. 46 or 59 plates to 500, 200, 16, 8, 5, 3, and 1.5 ohms. Type A mounting.

**YE5431—Your Cost** ..... \$3.95

**Tube to Line Transformers**  
From a low level triode plate to 500, 200 or 50 ohms. Type A mounting.

**YC2576—Your Cost** ..... \$3.75

### Overall Dimensions

Mtg. Dim. L W H

Type A—1<sup>5</sup>/<sub>16</sub>x2<sup>7</sup>/<sub>16</sub>" 2<sup>1</sup>/<sub>2</sub>" 3" 3"

Type B—2<sup>7</sup>/<sub>16</sub>x3<sup>3</sup>/<sub>8</sub>" 3<sup>1</sup>/<sub>2</sub>" 4<sup>3</sup>/<sub>8</sub>" 3"

Type C—3<sup>1</sup>/<sub>16</sub>x4<sup>5</sup>/<sub>16</sub>" 3<sup>3</sup>/<sub>8</sub>" 4<sup>7</sup>/<sub>8</sub>" 4<sup>1</sup>/<sub>4</sub>"

### CLASS B INPUTS

Driver plate to 49, 53, 79, or 89 grids. Type A mounting.

**YE5429—Your Cost** ..... \$3.25

Driver 46 or 59 plate to 46 or 59 grids. Type A mounting.

**YC2555—Your Cost** ..... \$3.45

### Class A Output Transformers

All secondary impedances of the units listed below are tapped for 500, 200, 15, 8, 5, 3 and 1.5 ohms.

Primary 5000 ohms plate to plate or 3000 ohms plate to plate. For 5000 ohms will match P.P. self bias 2A3's. Single 59 triode, 71A, or 2B6. For 3000 ohms will match P.P. 2A3's fixed bias. Type B mounting.

**YC2563—Your Cost** ..... \$3.95

Primary 2500 ohms plate to plate or 1500 ohms plate to plate. For 2500 ohms will match four self biased 2A3's in push-pull parallel circuit. For 1500 ohms will match four 2A3's in push-pull parallel circuit fixed bias. Type C mounting.

**YC2564—Your Cost** ..... \$5.75

Primary 8000 ohms plate to plate. Will match P.P. 50's, 45's, 43's. Single 211, 843, 842, 205D, 48. Type B mounting.

**YC2562—Your Cost** ..... \$3.95

Primary 4000 ohms plate to plate. Will match four 50's in push-pull parallel. Type C mtg.

**YC2579—Your Cost** ..... \$5.75

Primary 10000 ohms or 6000 ohms plate to plate. For 10000 ohms will match P.P. 59 triodes, 71A's, 2B6's. Single 10, 41, 268A, 2A3. For 6000 ohms will match P.P. 52A's, or single 31, 46, 59 pentode. Type B mtg.

**YC2592—Your Cost** ..... \$3.95

### CLASS A INPUTS

From one plate to one grid. Ratio 3:1. Type A mtg.

**YC2569—Your Cost** ..... \$2.50

From one plate to two grids. Ratio 2:1 each side. Split secondaries. Type A mounting.

**YC2570—Your Cost** ..... \$2.75

From 2 plates to 2 grids. 1:75 ratio each side. Both primary and secondary in two sections. Type A mounting.

**YC2571—Your Cost** ..... \$3.45

500, 200 or 50 ohm line to single grid. Type A mounting.

**YC2572—Your Cost** ..... \$3.75

500, 200 or 50 ohm line to push-pull grids. Type A mounting.

**YC2578—Your Cost** ..... \$4.25

### Mixing and Matching Transformers

Mixing 500, 200 or 50 ohm line to 500, 200 or 50 ohm line. Type A mounting.

**YC2594—Your Cost** ..... \$3.25

## SPECIAL AUDIO Transformer



This compact audio unit can be used in any set, either A.C. or D.C., using straight audio amplification. Its low height makes it especially suited for sub-base installations. Two sets of brackets are provided for horizontal or vertical mounting. Turn ratio 3:1. Core of high grade silicon steel. Units afford exceptionally fine frequency response. Supplied with long insulated leads for direct connections in chassis. Size 1<sup>3</sup>/<sub>8</sub>" high, 2<sup>3</sup>/<sub>8</sub>" wide and 2<sup>1</sup>/<sub>8</sub>" deep. Shpg. wt. 2 lbs.

**YE5461—Your Cost, Special** ..... \$73<sup>00</sup>

## JEFFERSON Transformers

### UNIVERSAL OUTPUTS



Primary and secondary tapped to match the output of any existing output tube to any voice coil. Full instructions for connections for various types of tubes and voice coils included. Size 1<sup>1</sup>/<sub>2</sub>" x 2<sup>3</sup>/<sub>8</sub>" x 2". Shpg. wt. 2 lbs.

**YE5432—Your Cost** 467-170. \$94<sup>00</sup>

Identical with the above, but with oversized core. Size 2x2<sup>3</sup>/<sub>8</sub>x2". Type 467-176.

**YE5433—Your Cost Each** ..... \$1.18

### UNIVERSAL INPUTS

Can be used as straight radio, P.P. input, or double P.P. input transformer. Leads and lugs. Size 1<sup>1</sup>/<sub>2</sub>x2<sup>3</sup>/<sub>8</sub>x2". Shpg. wt. 2 lbs.

**YE5434—Type 467-168. Your Cost Each** ..... \$94<sup>00</sup>

Similar to the above, but with oversized core. Size 2x2<sup>3</sup>/<sub>8</sub>x2".

**YE5435—Your Cost Each** ..... \$1.18

### Filter Chokes

**Type 466-135—Inductance 8 Henries, max. D.C. 80 M.A. Resistance 255 ohms. Size 1<sup>1</sup>/<sub>2</sub>x2<sup>3</sup>/<sub>8</sub>x2". Shpg. wt. 2 lbs.**

**YE5436—Your Cost Each** ..... \$73<sup>00</sup>

**Type 466-125—Inductance 10 Henries, max. D.C. 100 M.A. Resistance 275 ohms. Size 2x2<sup>3</sup>/<sub>8</sub>x2". Shpg. wt. 3 lbs.**

**YE5437—Your Cost Each** ..... \$88<sup>00</sup>

## AUDIO UNITS

Type 467-403—Straight audio, ratio 1:3. Strap mounting. Size 2x3<sup>1</sup>/<sub>4</sub>x1<sup>7</sup>/<sub>8</sub>". Shpg. wt. 2 lbs.

**YE5443—Your Cost Ea.** ..... \$76<sup>00</sup>

Type 467-404—Push-pull, input transformer. Ratio 1:3. Strap mounting. Size 2x3<sup>1</sup>/<sub>4</sub>x1<sup>7</sup>/<sub>8</sub>". Shpg. wt. 2 lbs.

**YE5444—Your Cost Each** ..... \$82<sup>00</sup>

Type 467-410—Push-pull output. Matches P.P. pentodes or triodes to 6-8 ohm voice coil. Carries 3<sup>1</sup>/<sub>2</sub> watts. 7000 ohms C.T. Size 2x2<sup>3</sup>/<sub>4</sub>x1<sup>7</sup>/<sub>8</sub>". Shpg. wt. 2 lbs.

**YE5445—Your Cost Each** ..... \$68<sup>00</sup>

Type 467-412—Push-pull output. Matches P.P. pentodes or triodes to 10-15 ohms voice coil. Carries 10 watts. 6000 ohms C.T. Size 2<sup>1</sup>/<sub>2</sub>x4x2<sup>1</sup>/<sub>8</sub>". Shpg. wt. 3 lbs.

**YE5446—Your Cost Each** ..... \$94<sup>00</sup>

## "Mike" and Line Transformers

Type 467-413—Single button mike transformer. Turn ratio 1:64. Flat from 30 to 7000 cycles. Size 2x3<sup>1</sup>/<sub>4</sub>x1<sup>7</sup>/<sub>8</sub>". Shpg. wt. 2 lbs.

**YE5447—Your Cost Each** ..... \$76<sup>00</sup>

Type 467-414—Similar to above, but double button mike. Size 2x3<sup>1</sup>/<sub>4</sub>x1<sup>7</sup>/<sub>8</sub>".

**YE5448—Your Cost Each** ..... \$82<sup>00</sup>

Tube to line, 200 or 500 ohm line. Size 2<sup>1</sup>/<sub>2</sub>x2<sup>1</sup>/<sub>4</sub>x2<sup>1</sup>/<sub>8</sub>". Shpg. wt. 3 lbs.

**YE5449—Type 467-177. Your Cost Each** ..... \$1.47

Line to tube, 500 or 200 ohms to tube. Size 2<sup>1</sup>/<sub>2</sub>x2<sup>1</sup>/<sub>4</sub>x2<sup>1</sup>/<sub>8</sub>". Shpg. wt. 3 lbs.

**YE5450—Type 467-178. Your Cost Each** ..... \$1.47

## "STAR" SEALED AUDIO

This transformer is fully sealed in a sheet metal case that prevents opens due to moisture. Coil machine wound to insure accuracy. Core of silicon steel. Turn ratio 3:1. Size 2<sup>3</sup>/<sub>8</sub>x2<sup>1</sup>/<sub>4</sub>x2<sup>3</sup>/<sub>8</sub>". Binding post terminals. An excellent transformer for use in practically any type of receiving set or amplifier. Unusually fine response. Shpg. wt. 2 lbs.

**YE5462—Type 467-113. Your Cost Each** ..... \$1.18



### NOTE

We can supply any Jefferson product, not shown here, at 40 and 2% off list price.

## P.P. Input Transformer



With soldering lug terminals on each side. High grade core material assures excellent frequency response. Turn ratio

3:1. Size 2<sup>3</sup>/<sub>8</sub>x2x2". Shpg. wt. 2 lbs.

**YE5485—Your Cost** ..... \$95<sup>00</sup>

## Speaker Field Transformer



Designed to deliver high voltage D.C. to dynamic speaker fields. Pri. 115 V. 60 cycles. Secondary, -fil.

-5 V. at 3A. H.V. 240 V. D.C. at 150 M.A. For type 80, 5Z3 or 83 rectifier tube. Dim.—3<sup>1</sup>/<sub>4</sub>x4x3<sup>1</sup>/<sub>2</sub>".

D.C. output capacity—36 watts. Shpg. wt. 3 lbs.

**YE5599—Your Cost** ..... \$2.05

## Velocity Mike Trans.



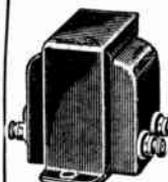
Small size ribbon mike transformer with excellent characteristics. Matches ribbon to either 50 or 200 ohm line. Especially suitable for medium priced

velocity microphones. Dimensions 2<sup>1</sup>/<sub>2</sub>x2<sup>1</sup>/<sub>4</sub>x2<sup>1</sup>/<sub>8</sub>". Cased and suitable for all ordinary requirements.

Shpg. wt. 1 lb.

**YE5598—Your Cost** ..... \$1.47

## Mike Transformer—2-Button



Has a turn ratio of 1:45. Impedance ratio 1: 2000. Has flat response curve from 30-7000 cycles. 3<sup>1</sup>/<sub>16</sub>x2<sup>1</sup>/<sub>16</sub>x3<sup>1</sup>/<sub>16</sub>". Shpg. wt. 2<sup>1</sup>/<sub>8</sub> lbs.

**YC1929—Your Cost** ..... \$95<sup>00</sup>

# Trutest De Luxe AUDIOS

## The Most Comprehensive Line of DELUXE AUDIO EQUIPMENT AVAILABLE



The excellent performance of Trutest De Luxe Audio Equipment is due to intelligent design, unusual care in manufacture and selection of high quality material. Special high quality steel is used in the core laminations and a coil structure is employed which provides low distributed capacity, low capacity coupling and a high coupling factor. In all cases where a tap is brought out, it is done between sections and never from within the winding. Coils are layer wound and carefully tested. Failure due to coil defects are almost unheard of.

Core steel is treated for maximum magnetic value. Dimensional accuracy of laminations and assembly insures complete freedom from the perplexing hum caused by even a slight irregularity in these respects. Maintenance of such high standards of material and workmanship is possible through our policy of laboratory controlled production. Our engineers are responsible for factory production as well as design. Shielded in a heavy gauge steel case, with a pleasing black shrivel finish. Size  $2\frac{1}{4} \times 2\frac{1}{2} \times 3\frac{1}{2}$ ". Average shpg. wt. 3 lbs.



### Inter-Stage Audios

- YC1580**—1st Stage Audio, DeLuxe, ratio  $3\frac{1}{2}:1$ .  
**Your Cost** ..... **\$2.40**  
**YC1579**—Push-pull Input, DeLuxe, ratio  $2\frac{1}{2}:1$ .  
**Your Cost** ..... **\$2.50**  
**YC1582**—Push-pull Plates to push-pull grids, ratio 1.75:1.  
**Your Cost** ..... **\$2.45**  
**YC1577**—Push-pull Input, split secondaries, isolated, ratio 1.75:1.  
**Your Cost** ..... **\$2.75**

### Tube-to-Line Transformers

- YC1591**—Two 43, 171A, 250 or 245 type tubes to 500 ohm line, 15 ohm winding for voice coil or monitor.  
**Your Cost** ..... **\$2.75**  
**YC1592**—Two 18, 20, 33, 41, 42, 47, 59, 2A5 type tubes to 500 ohm line, 15 ohm winding for voice coil or monitor.  
**Your Cost** ..... **\$2.75**  
**YC1593**—Operating out of General purpose to 500 and 200 ohm lines.  
**Your Cost** ..... **\$2.75**  
**YC1943**—Two 2A3 type tubes to a 250, 500, 1000 ohm line.  
**Your Cost** ..... **\$2.75**

### Mixer Transformers

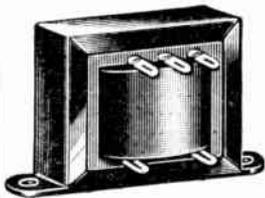
- YC1587**—Input, two button microphone, 200 ohm to grid of tube.  
**Your Cost** ..... **\$2.25**  
**YC1590**—Input, two button microphone, 200 ohm to 500 ohm line.  
**Your Cost** ..... **\$2.45**  
**YC1598**—Input, two button microphone, 200 ohms to a 50 ohm output. For using four microphones with four of these transformers; with secondaries in series feeding into a 200 ohm line.  
**Your Cost** ..... **\$2.45**  
**YC1944**—Velocity ribbon microphone to a 200 and 500 ohm line.  
**Your Cost** ..... **\$2.75**  
**YC1936**—50, 200, 500 ohm line to 50, 200, 500 ohm line.  
**Your Cost** ..... **\$2.75**  
**YC1937**—Universal line to grid of a tube.  
**Your Cost** ..... **\$2.75**

### DeLuxe Screen Grid Audio Coupler

- Used to couple a screen grid detector to an audio tube. Gives three times the amplification of resistance coupling. Size  $3\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{4}$ ". Shpg. wt. 3 lbs.  
**YC1594**—**Your Cost** ..... **\$2.45**

### Output Coupling Transformers

- YC1930**—Single 171A-245-43-50-6F6 metal Triode output to a 2-8-15 ohm voice coil.  
**Your Cost** ..... **\$2.40**  
**YC1584**—Push-pull 45-71A-43-50-6F6 metal Triodes output to a dynamic speaker 2-8-15 ohm voice coil.  
**Your Cost** ..... **\$2.50**  
**YC1931**—Single 18-20-33-41-42-47-59-2A5 output to a high impedance magnetic speaker.  
**Your Cost** ..... **\$2.40**  
**YC1933**—Single 18-20-33-41-42-47-59-2A5 output to a dynamic speaker 2-8-15 ohm voice coil.  
**Your Cost** ..... **\$2.95**  
**YC1585**—Push-pull 10-18-20-33-41-42-46-47 2A5-59 (Class B) output to a 2-8-15 ohm voice coil of a dynamic speaker.  
**Your Cost** ..... **\$2.45**  
**YC1934**—Push-pull 2A3-48 output to a dynamic speaker 2-8-15 ohm voice coil.  
**Your Cost** ..... **\$2.45**  
**YC1947**—Push-pull Class B 49s (53-79-89) (Class A 38s) to a dynamic speaker 2-8-15 ohm V. C.  
**Your Cost** ..... **\$2.25**



## Trutest Standard Replacement Audios and Chokes

This line of Trutest audio components is exceptionally complete. They are not to be confused with inferior types which are built to a price rather than a quality standard. All Trutest audio transformers are constructed using the finest grade of silicon steel for core material. Coils are wound with brand new copper wire of the proper gauge for each particular application. Insulation is tested at 1250 volts A.C. Average size of units is  $3\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{3}{4}$ "; mounting centers  $2\frac{1}{2}$ ". Average shpg. wt. 3 lbs.

### Outputs

- YC1553**—Output, Single '45 or 6F6 metal Triode type tube to 5-15 ohm voice coil.  
**Your Cost** ..... **75¢**  
**YC1554**—Output Push-pull '45a or 6F6 metal Triodes type tubes to 5-15 ohm voice coil.  
**Your Cost** ..... **75¢**  
**YC1555**—Output, Single Pentode '47 or 6F6 metal Pentode to a 5-15 ohm voice coil.  
**Your Cost** ..... **75¢**  
**YC1556**—Output, P.P. Pentodes, 47s, 6F6 metal Pentodes to a 5-15 ohm voice coil.  
**Your Cost** ..... **75¢**  
**YC1564**—Output, Push-pull, 49s Class B, to a 5-15 ohm voice coil of dynamic speaker.  
**Your Cost** ..... **\$1.15**  
**YC1566**—Output, Push-pull 2A3's, to a 5-15 ohm voice coil of dynamic speaker. ( $2\frac{1}{2} \times 3 \times 2$ ".)  
**Your Cost** ..... **\$1.89**

### Filter Chokes

- YC1557**—Choke, 25 henry, 25 M.A. maximum D.C. Resistance of 830 ohms.  
**Your Cost** ..... **69¢**  
**YC1558**—Choke, 11 henry, 60 M.A. maximum D.C. Resistance of 300 ohms.  
**Your Cost** ..... **69¢**  
**YC1570**—Choke, Heavy Duty, 30 henry, 125 M.A. maximum D.C. Resistance of 200 ohms.  
**Your Cost** ..... **89¢**

### Audios

- YC1550**—Audio, either stage of straight audio amplification. Ratio 3:1.  
**Your Cost** ..... **75¢**  
**YC1551**—Push-pull Input, from single plate to 2 grids. Ratio 2.5:1.  
**Your Cost** ..... **78¢**  
**YC1552**—Push-pull Inter-stage, between 2 plates and 2 grids. Ratio 1.75:1.  
**Your Cost** ..... **98¢**  
**YC1562**—Push-pull Input, Split Secondaries (isolated), between 1 plate and 2 grids. Ratio 1.75:1.  
**Your Cost** ..... **\$1.08**

### Special Line Transformer

- A special transformer with coil wound on a  $1\frac{1}{4}$ " core of special high permeability iron. Frequency characteristics exceptionally fine. Low loss factor.  
**YC1565**—500 to 250 ohm line to  $\frac{1}{2}$ - $\frac{3}{4}$ -1.5-2-2.5-4-6-8-10-15 ohm voice coil.  
**Your Cost** ..... **\$2.45**  
**Special** .....

### Double Button Mike Transformers

- YE5448**—Double Button Microphone transformer, 200 ohms each side of center-tap.  
**Your Cost** ..... **82¢**

## Trutest



### Midget Transformers and Chokes

An extremely compact, yet highly efficient series of transformers and chokes particularly suited for use in auto radio receivers and A.C.-D.C. compact radios. They can, however, be used in any type of receiver or amplifier. Unshielded strap mounting type with rust resisting frame. Dimensions  $1\frac{1}{2} \times 1 \times 1\frac{1}{2}$ ". Mounting centers  $2\frac{1}{2}$ " apart.

### Transformers

- YC1619**—Interstate audio, ratio  $3\frac{1}{2}:1$ .  
**YC1620**—Push-pull Input, ratio  $1\frac{1}{2}:1$ .  
**YC1607**—Single Output: 45, 48, 71A, 43, etc. to 5-15 ohm voice coil.  
**YC1609**—Single Output: 47, 59, 33, 2A5, 89, 31, 27, 42, 18, etc., to 5-15 ohm voice coil.  
**YC1614**—Push-pull Output: 45, 48, 71A, 43, etc., to 5-15 ohm voice coil.  
**YC1615**—Push-pull Output: 47, 59, 33, 2A5, 89, 31, 20, 42, 18, etc., to 5-15 ohm voice coil.  
**Your Cost, Any Type** ..... **49¢**

### Chokes

- YC1601**—10 Henry Choke. Resistance 200 ohms, 50 M.A. maximum D.C.  
**Your Cost** ..... **29¢**  
**YC1602**—11 Henry Choke. Resistance 250 ohms, 65 M.A. maximum D.C.  
**Your Cost** ..... **29¢**  
**YC1603**—13 Henry Choke. Resistance 350 ohms, 50 M.A. maximum D.C.  
**Your Cost** ..... **29¢**  
**YC1604**—20 Henry Choke. Resistance 500 ohms, 35 M.A. maximum D.C.  
**Your Cost** ..... **35¢**



# REPLACEMENT AUDIO TRANSFORMERS

## RCA Coupling Reactor 44-46 and 47



Exact duplicate of RCA Part No. 6004. Coupling Screen Grid Detector to power output tube. Approximate inductance D.C. resistance 6000 ohms. Shpg. wt. 2 lbs.

YC2000—Your Cost **\$1.75**

## FADA 42, 44, 46; KA P.P. Input Transformer

An exact duplicate of the original Fada part for the above model receivers. Constructed with high permeability core to provide equal or superior than original quality. No changes necessary to install. Shpg. wt. 4 lbs.



YC1642—Your Cost **\$1.38**

## P.P. Output Transformer

For above model sets. Similar in appearance to input transformer. Shpg. wt. 4 lbs.

YC1643—Your Cost **\$1.10**



## Trutest Transceiver Audio Transformer

Combination audio and microphone transformer for use in the new five meter transceivers. For matching a single and double button microphone to one grid. In receiving position it is used as an ordinary audio transformer. Shpg. wt. 2 lbs.

YC1627—Your Cost **\$9<sup>00</sup>**

## Trutest Tube Tester Filament Transformer

Voltages for all type tubes including battery tubes and new auto tubes. Very compact in size. Color-coded flexible leads. Primary tapped at 105, 115 and 125 volt, 50-60 cycle. Secondary is single winding with the following taps: 1½, 2, 2½, 3, 3.5, 6.3, 7½, 15, 25, and 30 volts. Shpg. wt. 3 lbs.



YC1967—Your Cost **\$1.20**

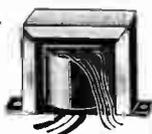
## Trutest High Impedance Primary P.P. Input



Designed to couple screen grid or pentode detector such as the 21 and 57 to a pair of 45's or 47's, 2A5's, etc., in push-pull. Extra fine core. Strap mounting. Long insulated leads. 1000 volt insulation. Real quality transformer. 3¼", 2¼", 1¾". Shpg. wt. 3 lbs.

YE5491—Your Cost **\$1.75**

## Trutest Special Line to Voice Coil Transformer



Use this line to voice coil transformer on one or more speakers to obtain maximum output and tone. Matches 2, 4, 8, or 15 ohm V.C. to 250 or 500 ohm line. The correct way to add an extra speaker to your set. Shpg. wt. 2 lbs.

YE5494—Your Cost **\$1.55**

## Trutest Filament Transformers



2½ volts at 10½ Amperes. Guaranteed to deliver rated voltages and load without heating. 110 volts primary. 1000 volts insulation. Size 3x2x2½". Shpg. wt. 3 lbs.

YC2383—Your Cost **\$1.25**

Same as above but uncased. 2½ volts at 10½ amps. Semi-open type-strap mounting. **\$1.10**

YC2387—Your Cost **\$1.10**

Same as above except 2½ volts at 5½ amps. Uncased. **\$1.29**

YC2388—Your Cost **\$1.29**

Two separate windings of 2½ volts at 5½ amps., each. Uncased. **\$0.89**

YC2441—Your Cost **\$0.89**

6.3 volts at 3 amps. Uncased type, strap mounting with leads. **\$1.10**

YE5495—Your Cost **\$1.10**

7.5 volts at 3½ amps. Uncased type, strap mounting with leads. **\$1.10**

YE5496—Your Cost **\$1.10**

# Exact DUPLICATE AUDIOS for STANDARD RADIO RECEIVERS

Manufacturer	Model and Type	Stock No.	Your Cost
Atwater-Kent	55, 55C, 60, 60C—P.P. Input and Output Pack	YC2492	\$1.89
Atwater-Kent	67—Audio and P.P. Input	YC2243	1.89
Crosley	30S, 31S, 33S, 34S, 40S, 41S, 42S, 82S—P.P. Input	YC1849	.79
Crosley	60S, 61S, 62S, 63S—P.P. Input 32, 40, 41, 41A, 42, 704, 706—1st Audio and P.P. Input	YC1892	1.18
General Motors	120, 130, 140, 150, 160—P.P. Input	YC2298	.98
Majestic	70, 90—1st Audio	YC2490	.74
Majestic	70, 90, 180—P.P. Input	YC2109	1.15
RCA-Victor	R32, RE45, R52, RE75—P.P. Input-Output	YC1965	1.58
RCA-Victor	80, 82, 86, R35, R39, R57—P.P. Input-Output	YC1998	1.68
RCA-Victor	R50, R55, RE20, RAE59, RAE79—P.P. Input-Output	YC2001	1.45
RCA-Victor	60, 62—Single Audio	YC2173	.59
RCA-Victor	16, 17, 18, 33, 41, 50, 51—Double Audio	YC2005	1.18
RCA-Victor	R11, 18, 18A, 21, 26—P.P. Input	YC1999	1.25

Manufacturer	Model and Type	Stock No.	Your Cost
RCA-Victor	R7, R9—P.P. Input-Output	YC1994	\$2.00
RCA-Victor	R-7A—P.P. Input-Output	YC2098	2.00
Sparton	69, 79—Audio	YC2455	1.18
Sparton	931, 301—Audio	YC2456	1.18
Sparton	101, 110, 111—P.P. Input	YC2466	2.35
Sparton	301—P.P. Input	YC2467	2.06
Sparton	589, 931—P.P. Input	YC2468	1.62
Sparton	930—P.P. Input	YC2469	1.18
Sparton	89, 89A—P.P. Output	YC2486	1.18
Sparton	301—P.P. Output	YC2487	1.47
Sparton	930, 931—P.P. Output	YC2488	1.03
Stromberg	641, 642, 652, 654, 846, 848—Audio	YC2331	1.25
Stromberg	10, 11, 25, 26—P.P. Input	YC2375	2.85
Stromberg	68—1st Audio	YC1813	1.25
Stromberg	68—Driver Input	YC1814	2.15
Zenith	50, 60, 70 Series—P.P. Interstage	YC2259	1.95

## PHILCO

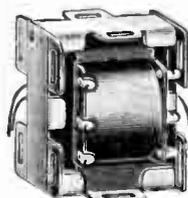
## Exact Duplicate Replacements

Shipping weight 3 lbs.



Philco Models	Single or P.P. Input			Single or P.P. Output			Chokes		
	Part No.	Stock No.	Your Cost	Part No.	Stock No.	Your Cost	Part No.	Stock No.	Your Cost
20-220	4232	YC1738	50.94	2766	YC1746	93 <sup>c</sup>	4231	YC1750	50.90
65	3537	YC1932	.89	2766	YC1746		3422	YC1752	
70-270	x			2673	YC1749		4819	YC1753	
76-77	3872	YC1741	83 <sup>c</sup>	2766	YC1746		3422	YC1752	
86-87	3242	YC1740	1.25	2766	YC1746		4819	YC1752	
90-90A (2-45's)	4952	YC1742		2766	YC1746		4819	YC1753	
90-90A (1-47)	x			2673	YC1749		4819	YC1752	
95-96-296	3537	YC1932	89	2766	YC1746		3422	YC1752	
111-112 (45)	3537	YC1932		2766	YC1746		3422	YC1752	
500 Series	x			x			7254	YC1754	
41-42 D.C.	3872	YC1741	.83	2766	YC1746	3422	YC1752	.93	

## UNIVERSAL Output Transformer



Combination of taps to feed from single or P.P. output stage to any voice coil from 2 to 30 ohms, in 2 ohm steps. Unit may be mounted on end or sides. Some of the more popular output tubes with which unit can be used are, single or P.P.: 112A, 71A, 45, 50, 47, 10, 41, 42, 43, 46, 48, 59, 31, 33, 38, 79, 89, 2A5. Diagrams for all tubes included. Size 2x2"x1½". Shpg. wt. 3 lbs.

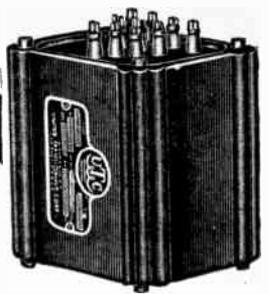
YC1708—Your Cost **78<sup>c</sup>**

## Universal Input

Same physical specifications as above. Used with single, P.P. or double P.P. audio tubes. Shpg. wt. 4 lbs.

YC1707—Your Cost **78<sup>c</sup>**

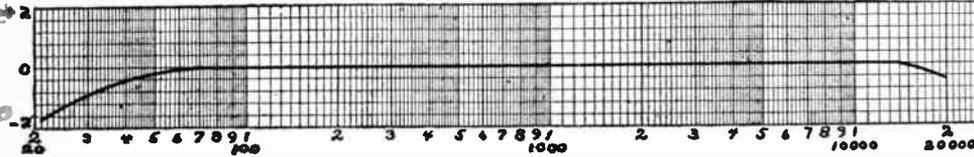
# UTC "Linear Standard" AUDIO TRANSFORMERS



United Transformer Company "Linear Standard" Components represent the closest approach to the ideal transformer from the standpoint of uniform response, low wave form distortion, high efficiency, thorough shielding and dependability. The curve shown below illustrates the linear frequency response of a typical UTC audio output transformer. As shown, this series

of audio units are linear over a frequency spectrum of 9 octaves, i.e., from 20 to 20,000 cycles. No effort has been spared to assure uniform characteristics on all audio units. A special grade of high permeability iron is used to house them, and as a result, hum pickup has been overcome. Each transformer is individually tested for frequency response.

Frequency in Cycles Per Second



Dimensions		
L	W	D
D. 2 1/4"	3"	3 1/8"
E. 3 1/2"	4 1/4"	4 3/8"
F. 5 3/4"	4 3/4"	5 1/8"
G. 6 1/4"	6 1/4"	5 1/8"

## Input Transformers

**YE5401**—Primary will match 500, 333, 250, 200, 125 or 50 ohm line, as required for carbon dynamic microphones, low impedance pick-ups, etc. Secondary in two sections for series or parallel connection. Overall impedance of windings in series 100,000 ohms; impedance of each winding 25,000 ohms. Type D mtg. **Your Cost Each \$9.00**

**YE5402**—Primary same as above. Secondary same as above except that overall impedance of windings in series is 200,000 ohms; impedance of each winding 50,000 ohms. Type D mtg. **Your Cost Each \$12.00**

**YE5403**—Primary will match a velocity ribbon microphone. Secondary in two sections for series or parallel connection. Overall impedance of windings in series 130,000 ohms; impedance of each winding 32,500 ohms. Type D mtg. **Your Cost Each \$12.00**

**YE5404**—Primary designed for 500, 333, 250, 200, 125 or 50 ohm line to 2-50 watt grids at a plus 25 level. Type E mtg. **Your Cost Each \$13.20**

## MIXING AND MATCHING TRANSFORMERS

**YE5405**—Mixing, carbon or dynamic mike or low impedance pick-up to a variable impedance line. Primary and secondary windings will match 500, 333, 250, 200, 125 or 50 ohm lines. Type D mtg. **Your Cost Each \$9.00**

**YE5406**—Mixing, velocity ribbon mike to a 500, 333, 250, 200, 125 or 50 ohm line. Type D mtg. **Your Cost Each \$9.00**

**YE5407**—30 watt audio line matching transformer. Input designed for 3500, 2700, 2000, 1350, 875, 500, 200, 50 ohms. Output tapped for 30, 20, 15, 10, 7.5, 5, and 1.2 ohms. Type F mtg. **Your Cost Each \$12.00**

**YE5408**—Crystal mike to 500, 333, 250, 200, 125 or 50 ohm line. Type D mtg. **Your Cost Each \$9.00**

## Output Transformers

\*—Secondary tapped at 500, 333, 250, 200, 125, 50, 30, 20, 10, 7.5, 5, 2.5 and 1.2 ohms.  
†—Secondary tapped at 6000, 5000, 4000, 1800, 1500, 1000, 30, 20, 15, 10, 7.5, 5, 2.5 and 1.2 ohms.

\*\*—Secondary tapped at 30, 20, 15, 10, 7.5, 5, 2.5 and 1.2 ohms.

**YE5409**—Primary impedance 8000 ohms plate to plate. Will match p.p. 50's, 45's, 6F6 metal triodes; single 211, 843, 842, 205D, 48. Secondary\*. Type E mtg. **Your Cost Each \$12.00**

**YE5410**—Same primary and will match same tubes as above. Secondary†. Type E mtg. **Your Cost Each \$12.00**

**YE5411**—Same primary and will match same tubes as above. Secondary\*\*. Type E mtg. **Your Cost Each \$8.40**

**YE5412**—Primary impedance 5000 ohms and 3000 ohms plate to plate. For 500 ohms will match self bias p.p. 2A3's; single 71A, 2B6, 59 triode, 6F6 metal triode. For 3000 ohms will match fixed bias p.p. 2A3's Secondary\*. Type E mtg. **Your Cost Each \$12.00**

**YE5413**—Same primary and will match same tubes as above. Secondary†. Type E mtg. **Your Cost Each \$12.00**

**YE5414**—Same primary and will match same tubes as above. Secondary\*\*. Type E mtg. **Your Cost Each \$8.40**

**YE5415**—Primary impedance 2500 ohms and 1500 ohms plate to plate. For 2500 ohms will match four 2A3's in p.p.-Parallel self bias circuit. For 1500 ohms will match four 2A3's in p.p.-Parallel fixed bias circuit. Secondary\*. Type F mtg. **Your Cost Each \$18.00**

**YE5416**—Same primary and will match same tubes as above. Secondary†. Type F mtg. **Your Cost Each \$18.00**

**YE5417**—Same primary and will match same tubes as above. Secondary\*\*. Type F mtg. **Your Cost Each \$12.00**

**YE5418**—Primary impedance 10,000 ohms or 6000 ohms plate to plate. For 100,000 ohms will match p.p. 59 triodes, 2B6's, 71A's, 6F6 metal triodes; single 10, 41, 268A, 2A3. For 6000 ohms will match single 31, 46, 59 pentode. Secondary\*. Type E mtg.

**YE5419**—Same primary and will match same tubes as above. Secondary†. Type E mtg. **Your Cost, Either Type \$12.00**

**YE5420**—Same primary and will match same tubes as above. Secondary\*\*. Type E mtg. **Your Cost Each \$8.40**

**YE5421**—Primary impedance 18,000 ohms plate to plate. Will match p.p. 845's. Secondary\*. Type G mtg. **Your Cost Each \$21.00**

## COUPLING TRANSFORMERS

**YE5422**—Cascade, single plate to single grid Turn ratio 2:1 overall. Type D mtg. **Your Cost Each \$6.00**

**YE5423**—Input, one plate to 2-grids. Turn ratio 1 1/2:1 each side of center. Primary and sec. in two sections. Type D mtg. **Your Cost Each \$7.80**

**YE5424**—Input, 2-plates to 2-grids. Turn ratio 1.6:1 each side of center. Primary and secondary each in two sections. Type E mtg.

**YE5425**—Input, 2-screen grid plates to 2-grids. Effective ratio 1:1. Type E mtg. **Your Cost, Either Type \$13.20**

**YE5426**—Single plate or line to one or 2-grids. One side of primary will match single plate of tubes like the 01A, 12A, 30, 31, 26, 27, 37, 55, 56, or 85. Another primary designed for a carbon or dynamic mike or a low impedance pick-up. Secondary in two sections. Total secondary impedance 100,000 ohms. Type D mtg. **Your Cost Each \$12.00**

## TUBE TO LINE TRANSFORMERS

**YE5427**—From a single plate like the 6C5 metal triode, 01A, 12A, 30, 31, 26, 27, 55, 56, or 85 to 500, 333, 250, 200, 125 or 50 ohm line. Type D mtg. **Your Cost Each \$9.00**

**YE5428**—From p.p. plates (same tubes as above) to 500, 333, 250, 200, 125 or 50 ohm line. Type D mtg. **Your Cost Each \$9.00**

## Special "HIPERM ALLOY" Portable Audio Units



These new transformers, designed for portable use, are extremely compact and light in weight. Their high fidelity measures up to broadcast standards, being uniform in response from 40 to 12,000 cycles. This degree of fidelity is made possible only by the use of a new core material known as **Hiper Alloy**, a nickel alloy having high initial permeability. This alloy is used both for the core and for the case. Have threaded metal inserts for mounting. Size of H1 case 1 1/2 x 2 1/2 x 2 3/4". Size of H2 case 1 1/2 x 3 3/4 x 2 3/4".

**COUPLING TRANSFORMERS**  
**YE5456**—Cascade, single plate like the 6C5 metal triode, 26, 27, 30, 31, 37, 55, 56, 85, 864,

57 or 77 triode to a single grid. Ratio 2:1 overall. H1 mtg. **Your Cost Each \$5.40**

**YE5457**—Input, single plate (same tubes as above) to p.p. grids. Ratio 1 1/2:1 each side of center. H1 mtg. **Your Cost Each \$6.60**

**YE5458**—Input, two p.p. plates (same tubes as above) to p.p. grids. Ratio 1 1/2:1 overall. H2 mtg. **Your Cost Each \$9.00**

## INPUT TRANSFORMERS

**YE5459**—Variable impedance line to single grid. Primary will match 500, 333, 250, 200, 125 or 50 ohm line. Secondary impedance 90,000 ohms. H1 mtg. **Your Cost Each \$7.50**

**YE5460**—Velocity mike to a single grid. Secondary impedance 90,000 ohms. H1 mtg. **Your Cost Each \$7.50**

## MIXING, MATCHING AND OUTPUT TRANSFORMERS

All tapped to match 500, 333, 250, 200, 125 or 50 ohm lines.

**YE5451**—Variable impedance line to a variable impedance line. Both primary and secondary tapped as above. H1 mtg. **Your Cost Each \$7.50**

**YE5452**—Matching, velocity ribbon mike to tapped line. H1 mtg. **Your Cost Each \$7.50**

**YE5453**—Matching, crystal mike or pick-up to tapped line. H1 mtg. **Your Cost Each \$7.50**

**YE5454**—Output, from a single plate like the 6C5 metal triode, 26, 27, 30, 31, 37, 55, 56, 85, 864, 57 or 77 triode to tapped line. H1 mtg. **Your Cost Each \$7.50**

**YE5455**—Output, p.p. plates (same tubes as above) to tapped line. H1 mtg. **Your Cost Each \$7.50**

To Speed Handling of YOUR Order -- Use Our Order Blank

# CONDENSER BLOCKS

Name of Radio and Model	Stock No.	Your Cost
<b>ALL AMERICAN MOHAWK</b>		
Model Lyric 90, 93, 94, 95, 96	YB1421	\$3.25
Model Lyric "D" and "H"	YB1420	3.40
Model Lyric 60 and 80 Series	YB1419	3.25
<b>APEX</b>		
Models 36 and 37	YB1409	3.10
Model 41	YB1407	1.85
Models 46 and 46-A	YB1406	1.70
Models 47 and 47-A	YB1405	1.70
<b>ATWATER KENT</b>		
36 Condenser Block (Serial below 260,000)	YB1380	.49
36 Condenser Block (Serial above 260,000)	YB1382	.49
37-38 Condenser and Choke Assembly	YB1378	1.65
45 Condenser Assembly	YB1370	1.48
46, 47 and 53 Condenser Assembly	YB1369	2.70
55, 55C, 60, 60C: 7 Taps	YB1368	2.40
55F, 55FC, 3rd Type 60C, L-1 Chassis 5 Taps, 1A5	YB1367	1.39
72 Series	YB1365	1.39
<b>BOSCH</b>		
Model 28	YB1349	1.95
Model 29-825	YB1348	3.45
Model 48	YB1347	2.65
Models 5 and 5-A	YB1345	2.15
Models 20J, 20K and 20L	YB1343	2.95
Model 133	YB1342	2.65
Models 73 and 74	YB1341	2.65
Model 10	XB1340	2.75
<b>BRANDES</b>		
Models B-15 and B-16	YB1333	1.95
<b>BRUNSWICK</b>		
Models PR-17-8	YB1020	1.45
Models 2KR0, 3KR0, 2KR6, 5KR0, 5KR6	YB1019	.35
Model 5N0 Power Unit	YB1015	2.95
Models 15 and 22	YBR265	2.25
Models 14, 21, 31 Red Spot	YB1311	.48
Models S14, S21, S31 Green Spot	YB1312	.48
Models S14, S21, S31 Blue Spot	YB1314	.48
Models S14, S21, S31 Black Spot	YB1313	.48
Models S14, S21, S31 Yellow Spot	YB1315	.48
<b>COLUMBIA RADIO</b>		
Model Screen Grid 8	YB1290	2.50
<b>COLUMBIA-KOLSTER</b>		
Models C-1, C-3	YB1280	.95
Models C-5	YB1278	2.75
Model 950	YB1271	3.35
Model 980, Part 4350 for Turner B supply	YB1272	3.75
<b>EARL, C. A.</b>		
Models 31, 31S, 32, 32S, 33, 33S and 41	YB1244	2.10
<b>ECHOPHONE</b>		
Model S-3	YB1299	2.75
<b>EDISON</b>		
Models R-1, R-2, C-2	YB1220	3.30
Models R-4, R-5, C-4	YB1219	2.65
Models R-6, R-7	YB1218	2.65
<b>EVEREADY</b>		
Models 30, 40 and 50 Series	YB1210	2.75
Models 1, 2 and 3	YB1349	1.95

## NOTE

We maintain a rapid repair service on all blocks. If the unit you want is not shown in the listing, send in the old block and we will quote on its repair, at the lowest prices. All units are fully guaranteed to be equal to the original.

Name of Radio and Model	Stock No.	Your Cost
<b>FADA</b>		
Models 25, No. 1780X	YB1205	\$2.98
Models 35, 35Z, No. 1790X	YB1203	2.98
Model 25 and 35 (Late) No. 1801X	YB1201	2.98
Models 42, 44, 46, 47, No. 1830X	YB1199	2.98
Models 50, 70, 71, 72, 75, 77, No. 1492MS	YB1197	2.98
Model 43	YB1206	2.98
<b>FREED</b>		
Models 65, 78, 79, 90 and 95	YB1244	2.10
<b>FRESHMAN</b>		
Model "Q"	YB1155	1.50
Model N (all models)	YB1153	3.40
<b>GENERAL MOTORS</b>		
Models 120, 130, 140, 150 and 160. "A" Chassis	YB693	1.69
<b>GRAYBAR</b>		
Model 311	YB1019	.35
Models 500, 550	YB1016	2.75
Model 300	YB1015	2.75
Model 340. Condenser Block	YB1014	1.70
Model 600	YB1010	2.95
Model 678	YB1021	2.40
Models 700, 770, 900	YB1005	1.95
<b>HAMMARLUND</b>		
Model HIQ 30	YB1105	3.75
Model HIQ 31	YB1104	3.75
<b>KOLSTER-COLUMBIA</b>		
Models 6-J, 6-K, 6-R	YB1089	2.50
Models K-20, 22, 25 and 27	YB1280	.95
Model K-24	YB1278	2.75
Model K-43, K-48	YB1334	1.98
Model K-45	YB1086	2.95
<b>MAJESTIC</b>		
Models 25B, 251B, 253B, 254B	YB1062	2.75
Models 35, 351, 353	YB1061	2.75
Model 70 Series, 7P6 Power Unit, Early Models	YB1071	1.80
Model 70 Series, 7BP6 Power Unit, Late Models	YB1070	1.80
Model 80-180, 8PB6 Power Unit	YB1069	3.50
Model 90 Series, 9PB6 Power Unit	YB1067	1.90
Models 90-B and 100-B	YB1065	1.75

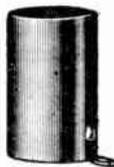
Name of Radio and Model	Stock No.	Your Cost
<b>MAJESTIC—Cont.</b>		
Models 50, 52	YB1063	\$2.25
Model 20 Condenser and Input Transformer	YB1064	3.65
Models 30 and 31 Condenser and Choke Assembly	YB1073	1.95
60-61-62-160-163	YB1072	1.95
<b>MAJESTIC ELIMINATOR BLOCKS</b>		
"B" Super Condenser	YB848	1.85
"B" Master Condenser	YB848	1.85
"B" Special Master Condenser	YB846	1.85
<b>PEERLESS</b>		
Model 65	YB1045	.95
Model 70	YB1044	2.65
<b>PHILCO</b>		
Model 20, 220	YB1030	2.75
Model 65	YB1029	1.75
Model 82	YB1028	1.90
Model 87	YB1026	1.90
Models 95, 96, 296, 111, 211, 112, 212	YB1031	3.95
<b>RCA-RADIOLA</b>		
Models 17 and 50	YB1020	1.45
Models 18, 33 and 51	YB1019	.35
Model 30-A Filter	YB1018	2.75
Models 42, 48	YB1021	2.40
Models 44, 46 and 47	YB1016	2.75
Models 33, 44, D.C.	YB1002	.75
Model 60	YB1015	2.75
Model 62 Filter	YB1014	1.70
Model 66 Filter Block	YB1010	1.95
Model 67 Filter Block	YB1007	5.35
Models RE81, R74, 76, 77	YB1033	3.95
Models 80, 82 and 86	YB1005	1.95
R7A, RE16A	YB1001	.89
R8, 10, 12, RE19	YB534	4.05
R50, R55, RAE59, RAE79	YB531	2.75
<b>SPARTON</b>		
Models AC-7, 62 and 63	YB979	3.30
Model 89-A	YB976	3.85
Models 69, 79, 79A and 89	YB975	1.95
Model 301-A	YB974	3.95
Model 930	YB973	.90
Model 301	YB981	1.95
<b>STEINITE</b>		
Models 40-A, 45-A and 40-S	YB940	2.95
Models 50-A and 102-A	YB939	2.95
Models 70, 80 and 95	YB938	2.95
Models 261 and 262	YB937	2.95
<b>STEWART-WARNER</b>		
Model 900-950 A.C. Series, Condenser and Choke Assembly	YB928	3.40
<b>STROMBERG-CARLSON</b>		
Models 10 and 11	YB920	3.65
Models 12 and 14	YB919	3.75
Models 38, 39, 40 and 41	YB921	3.95
Models 635 and 636	YB918	3.75
Models 641, 642, 652 and 654	YB916	3.50
Models 846 and 848	YB915	3.65
<b>VICTOR</b>		
Models 9-18 and 9-54	YB1011	4.75
Model R-15	YB1021	2.40
Models R-32, RE-45, R-52, RE-75	YB890	.49
Models R-32, RE-45, R-52, RE-75; 4 Taps	YB893	1.10
Model 7-25	YB1020	1.45
Models 7-11, 7-26	YB1019	.35

### COLONIAL Model 32 By-Pass Condensers



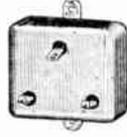
No. 1748-SA  
The genuine Colonial part for the above model sets (32 A.C., 32 D.C.). R.F. by-pass unit. Contains 2-1 mfd. and 1-5 mfd. units.  
YB688—Your Cost **35¢**  
Part No. 1728-SA. Detector by-pass for the above sets. Contains: 1-1-1-25-1 mfd.  
YB691—Your Cost Each **59¢**

### SPARTON By-Pass Condensers



A new and improved type of condenser housed in a metal shell. Has threaded insert for connecting screw. For use in 1928-31 sets.  
YB545—25 Mfd. Your Cost Each **28¢**  
YB546—5 Mfd. Your Cost Each **34¢**  
YB547—1.0 Mfd. Your Cost Each **39¢**  
**SPARTON 410 BY-PASS**  
Genuine Part No. A-6456. Contains four .3 mfd. sections.  
YB548—Your Cost Each **19¢**

### EVEREADY 50 By-Pass



Exact duplicate of the original Eveready Part No. 2822. Contains three .5 mfd. 400 volt condensers. Can negative. Can be used as a general replacement part. Shpg. wt. 1 lb.  
YB541—Your Cost **69¢**

### ATWATER KENT Condensers



Speaker By-Pass Models 37, 38, 40, 42, 44 and 46  
Guaranteed to be equal or superior to the original condensers. Capacity .5 mfd. No changes necessary to install. Shpg. wt. 4 oz.  
YD3961—Your Cost Each **55¢**  
R. F. By-Pass Condenser Same models as above. Contains three .25 mfd. condensers.  
YD3960—Your Cost Each **55¢**

# STANDARD REPLACEMENT CONDENSER BLOCKS

## MAJESTIC Power Unit

### Condenser Blocks

#### For Early Model Receivers

These blocks are built to the original Majestic specifications from brand new, first quality merchandise, guaranteed as to quality. Constructed with new high voltage paper condensers to insure long and satisfactory service. These units are equal to or superior to the original blocks. Tinned solder lug terminals are securely riveted to a bakelite panel on top of unit. Fit chassis exactly; no changes necessary to install.



#### For Majestic 7BP6, 7P6 (Sets with 171 Type Tubes)

Size  $8\frac{3}{4} \times 2\frac{1}{2} \times 4\frac{1}{2}$ " Shpg. wt. 6 lbs.  
**YB1071**—7P6 Early Model Sets  
**YB1070**—7BP6 Late Model Sets  
**Your Cost** ..... **\$1.80**  
**Either Type** .....

#### For Majestic 8P6

(Sets with 250 Type Tubes)  
 1000 volt test Condensers. Size  $8\frac{3}{4} \times 2\frac{1}{2} \times 4\frac{1}{2}$ " Shpg. wt. 6 lbs.  
**YB1069**—  
**Your Cost Each** ..... **\$3.50**

#### For Majestic 9P6

(Sets with 245 Type Tubes)  
 Size  $8\frac{3}{4} \times 2\frac{1}{2} \times 4\frac{1}{2}$ " Shpg. wt. 4 lbs.  
**YB1067**—  
**Your Cost Each** ..... **\$1.90**

#### For Majestic "A" Eliminators

Size  $3\frac{1}{2} \times 3\frac{3}{4} \times 7\frac{3}{4}$ " Shpg. wt. 4 lbs.  
**YB849**—  
**Your Cost Each** ..... **\$2.35**

## Condenser Blocks

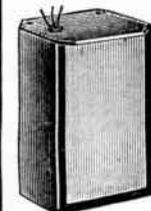
Models 90B-100B Chassis; 90, 91, 92, 93, 102 and 103. Majestic Replacement Part No. 1564. Contains three 2 mfd. and one 1 mfd. condensers. Shpg. wt. 6 lbs.  
**YB1065**—**Your Cost** ..... **\$1.75**

### Majestic 60, 160

Original Majestic Part No. 3858. Shpg. wt. 9 lbs.  
**YB1072**—  
**Your Cost** ..... **\$1.95**

### Majestic 30 Choke and Condenser

Genuine Majestic Part No. 3622. Shpg. wt. 10 lbs.  
**YB1073**—**Your Cost** ..... **\$1.95**



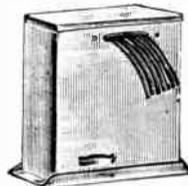
## FADA Model 43 Condenser Block

Built according to the standards of the original Fada condenser bank No. 1865-X. Contains: 2 mfd. at 600 volts, 2 mfd. at 400 volts and 2-1.0 mfd. at 400 volts. Shpg. wt. 4 lbs.

**YB1206**  
**Your Cost** ..... **\$2.98**

### Models 42, 44, 46, 47, No. 1830X

Similar in appearance to the above. Contains 7.1 m crofards of condenser.  
**YB1199**—**Your Cost** ..... **\$2.98**



## GENERAL MOTORS Model "A"

### Chassis: 120, 130, 140, 150, 160 Filter Block

Genuine G. M. Part No. 1200123-1202645. Has total capacity of 10 mfd. Can be used by the new set builder or for general replacement purposes. Six leads. Shpg. wt. 7 lbs.  
**YB693**—List \$16.50. **Your Cost** ..... **\$1.69**



## A.K. Models 37 and 38

Contain the filter condenser block and three chokes; two high voltage filter chokes and one speaker choke. Constructed of highest grade materials. Leads color coded; diagrams furnished. Shpg. wt. 7 lbs.

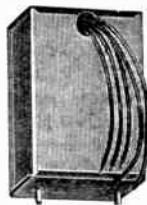
**YB1378**—**Your Cost** ..... **\$1.65**  
**POWER TRANSFORMER** for models 36, 37 and 38. Exact duplicate. Shpg. wt. 9 lbs.  
**YC2255**  
**Your Cost** ..... **\$2.15**



## SPARTON Condenser Blocks

### Model 930

Comprises five sections totalling 6.1 mfd. Color code is: red lead is 2 mfd., 1000 volts; three blue leads are 1 mfd., 400 volt sections; brown lead is 1.1 mfd., 600 volt section. in metal container  $5\frac{1}{2} \times 3\frac{1}{2} \times 2\frac{1}{2}$ " Shpg. wt. 5 lbs.  
**YB973**—**Your Cost** ..... **90¢**



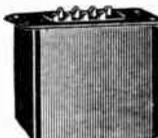
### Models 69, 79, 89

Brand new condenser blocks made especially for replacement in Sparton models. Original specifications have been strictly adhered to. Shpg. wt. 5 lbs.  
**YB975**—  
**Your Cost** ..... **\$1.95**

## STROMBERG-CARLSON Filter

Models 641, 642, 652, 654

An exact duplicate Stromberg-Carlson filter condenser. Total capacity 9 mfd. Shpg. wt. 11 lbs.  
**YB916**  
**Your Cost** ..... **\$3.50**



## Condenser Blocks for U. S. Radio & Television Co. Gloritone and Apex Receivers

Made in accordance with the original condenser blocks.

### Apex Model 28

Set uses 3-24's, 2-27's, 2-45's and 1-80. Contains following capacities: 1.-3.-1.-1. mfd. Has five leads. Shpg. wt. 4 lbs.  
**YB1410**—**Your Cost** ..... **\$2.20**

### Apex Models 48 and 48A

Same capacities as in above; different physical construction. Shpg. wt. 4 lbs.  
**YB1404**—**Your Cost** ..... **\$2.20**

### Apex Model 36

Set uses 4-26's, 1-27, 1-71A, and 1-80. Contains four 1. mfd. and two .5 mfd. sections. Has six terminals. Shpg. wt. 4 lbs.  
**YB1409**—**Your Cost** ..... **\$3.10**

### Apex Model 41

5-27's, 2-45's, 1-80. 1.-1.5-1.-1. mfd. 4 leads. Shpg. wt. 4 lbs.  
**YB1407**—**Your Cost** ..... **\$1.85**

### Apex Models 46, 46A, 47 and 47A

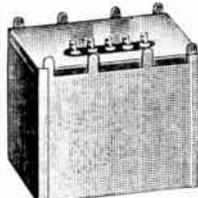
2-24's; 2-27's; 2-45's and 1-80. 1.-2.1.5.-5.-1 mfd. 5 leads. Shpg. wt. 4 lbs.  
**YB1405**—**Your Cost** ..... **\$1.70**



## RCA-VICTOR REPLACEMENT BLOCKS

### CONDENSER BLOCKS

For Models R-32, RE-45, R-52, RE-75



Contains: One 5 mfd., one 3 mfd., one 2.5 mfd. and 5 mfd. sections at 600 working voltage. All brand new blocks, never been used or installed before. Housed in a metal container,  $5\frac{1}{2} \times 5 \times 4$ ". Shpg. wt. 8 lbs.  
**YB890**—**Your Cost, Special** ..... **49¢**

### For Late Models R-32, RE-45, R-52, RE-75

Contains: One 5 mfd., one 3 mfd. and one 2.5 mfd., 600 working voltage. This is for the late Victor models, equipped with 4 taps, but can be used for the early models by using a .5 mfd. condenser in place of the No. 5 tap.  
**YB893**—**Your Cost** ..... **\$1.10**



### Capacitor Pack Models R-8, R-10 R-12 and RE-19

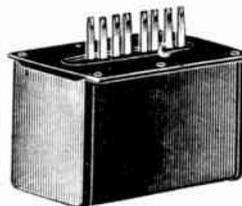
Genuine Replacement Part No. 7342, for the above model sets. Shpg. wt. 3 lbs. List \$6.75.  
**YB534**  
**Your Cost** ..... **\$4.05**



### Radiola 64 Victor 9-18 and 9-54

#### No. 8368 Filter Capacitor

Genuine Radiola Filter Condenser. Contains: Four 4 mfd., one 2 mfd. and two 1 mfd. All brand new, using 1000 volt foil and paper.



condensers of the very best Shpg. wt. 13 lbs.  
**YB1011**—List Price \$30.00  
**Your Cost** ..... **\$4.75**

### Filter Condenser Models R-50, R-55, RE-20, RAE-59 and RAE-79

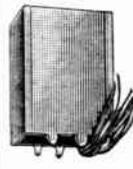
For genuine RCA replacement condenser block Part No. 8712-64905, comprising one 2 mfd., one 3 mfd., two .5 mfd. and one .1 mfd. Shpg. wt. 5 lbs.



**YB531**—**Your Cost** ..... **\$2.75**

### Filter and By-Pass Assembly for Models R-7A, RE-16A

For Genuine Replacement Part No. 7256. Contains 1-.005 mfd., 5-.5 mfd., 1-1 mfd. and 1-1.0 mfd. condensers. Shpg. wt. 6 lbs.  
**YC1001**—  
**Your Cost Each** ..... **89¢**



Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# SPRAGUE

POWER FACTOR UNDER 10%

You'll Be Surprised . . .

# Condensers

INSURING MAXIMUM FILTERING



## Upright Can Type Dry Electrolytics

For general replacement use, or for use by the set builder.

Mounted in cylindrical aluminum cans. Larger sizes have bolt and nut terminals, smaller sizes, soldering lugs. Come complete with mounting ring that permits mounting condenser in any position. Max. surge voltage 600 volts.

Stock No.	Cap'y Mfd.	Size L D	Your Cost
YD2600	2	3 1/2 x 1"	\$0.65
YD2601	4	3 1/2 x 1"	.73
YD2602	6	4 1/2 x 1"	.85
YD2603	8	4 1/2 x 1 1/2"	.88
YD2604	10	4 1/2 x 1 3/4"	1.06
YD2605	12	4 1/2 x 1 3/4"	1.21
YD2606	16	4 1/2 x 1 3/4"	1.35
YD2607	8-8	4 1/2 x 1 3/4"	1.41
YD2608	4-4	4 1/2 x 1 3/4"	1.65
YD2609	8-8-8	4 1/2 x 2 1/2"	2.35
YD2610	5-15	4 1/2 x 2 1/2"	1.96
YD2611	9-9-18	4 1/2 x 2 1/2"	3.41
YD2612	9-9-18-18	4 1/2 x 3"	4.79
YD2613	8-8-8-8	4 1/2 x 2 1/2"	3.14
YD2614	8-8-18-18	4 1/2 x 3"	4.44
YD2615	18-18	4 1/2 x 2 1/2"	2.88

## Inverted Can Type

This type, made only in the smaller sizes, has a threaded neck with a bolt and lock washer to mount through hole in chassis.

Stock No.	Cap'y Mfd.	Size L D	Your Cost
YD2616	4	3 1/2 x 1"	\$0.73
YD2617	6	4 1/2 x 1"	.85
YD2618	8	4 1/2 x 1 1/2"	.88

## "500" Wet Electrolytics

Electrolysis has been overcome in these condensers by using a chromium plated can. 500 volt peak.

Stock No.	Cap'y Mfd.	Size L D	Your Cost
YD2913	4	4 7/16 x 1"	\$0.47
YD2914	8	4 7/16 x 1"	.56
YD2915	10	4 7/16 x 1 1/8"	.62
YD2923	12	4 7/16 x 1 1/8"	.68

## Special Replacements for A.C.-D.C. Receivers



Though having a lower voltage rating (dual five-50 volts; dual four-150 volts) than the balance of the 600-Line, these special replacements have been included because they will stand up far longer than the condensers ordinarily used.

Stock No.	Cap'y Mfd.	Size L W T	Your Cost
YB473	5-5	2 3/4 x 1 1/2 x 1/8"	\$0.68
YB474	4-4	2 3/8 x 1 1/2 x 1/8"	.85

. . . . at the increased pop, volume and clearer tone Sprague "600" Line Condensers bring to the average receiver. Higher working voltages and surge voltages allow these condensers to take everything that a rectifier tube can give them. This means higher operating voltages for all other parts of the circuit, insuring maximum receiver efficiency. Try Sprague's and see!

## Oil-Filled By-Pass Condensers For Short Wave Receivers



Special by-pass units housed in tubular metal cases. Are oil filled and oil impregnated. **Non-inductive.** Capacities up to .01 mfd. have wkg. vltg. of 1500 volts D.C. .05 to .1 mfd. have wkg. vltg. of 1000 volts D.C. Designed specially for high frequency circuits.

YD2945—.005 Mfd.	27°
Your Cost Each	
YD2946—.002 Mfd.	27°
Your Cost Each	
YD2947—.01 Mfd.	41°
Your Cost Each	
YD2950—.02 Mfd.	45°
Your Cost Each	
YD2948—.05 Mfd.	47°
Your Cost Each	
YD2949—.1 Mfd.	53°
Your Cost Each	



## "EC" Condensers and Emergency Kits

These compact high voltage (600-volt peak) dry electrolytics have a guaranteed power factor of less than 10%.

Stock No.	Cap'y Mfd.	Size L W D	Your Cost
YD2670	1	2 1/2 x 1 x 1/2"	\$0.50
YD2671	2	2 1/2 x 1 x 1/2"	.56
YD2672	4	2 1/2 x 1 x 1/2"	.68
YD2673	6	2 1/2 x 1 x 1"	.76
YD2674	8	2 1/2 x 1 3/8 x 1"	.79

Emergency Kit No. 1 contains two each of the above; Kit 2, one each.

YD2675 - Kit No. 1	\$6.58
Your Cost . . . .	
YD2749 - Kit No. 2	\$3.29
Your Cost . . . .	

## Cardboard Type Dry Electrolytics



Mounted in waxed cardboard containers with mounting lugs and have color coded leads for easy identification. Maximum peak surge voltage 600 volts.

Stock No.	Cap'y Mfd.	Size L W T	Your Cost
YD2646	2	2 3/8 x 1 x 1"	\$0.56
YD2647	4	4 1/8 x 1 3/8 x 3/8"	.68
YD2648	6	4 1/8 x 1 3/8 x 1"	.76
YD2649	8	4 1/8 x 1 3/8 x 1"	.77
YD2650	2-4	4 1/8 x 1 3/8 x 1"	.97
YD2651	4-4	4 1/8 x 1 3/8 x 1"	1.06
YD2652	4-6	4 1/8 x 1 3/8 x 1 1/2"	1.15
YD2653	4-8	4 1/8 x 1 3/8 x 1 1/2"	1.18
YD2654	6-6	4 1/8 x 1 3/8 x 1 1/2"	1.27
YD2655	6-8	4 1/8 x 1 3/8 x 1 1/2"	1.29
YD2656	8-8	4 1/8 x 1 3/8 x 1 1/2"	1.29

## Tubular Condensers

These cardboard tube condensers are very compact in size and are rated at 600 volts maximum peak surge voltage. Long tinned leads permit easy mounting and connecting. Can be used for both by-pass and filter circuits on A.C. or D.C.



Stock No.	Cap'y Mfd.	Size L D	Your Cost
YD2627	.0001	3/4 x 3/4"	
YD2628	.00025	3/4 x 3/4"	
YD2629	.0004	3/4 x 3/4"	
YD2630	.0005	3/4 x 3/4"	
YD2631	.001	1 x 3/4"	15°
YD2632	.002	1 x 3/4"	
YD2633	.003	1 x 3/4"	
YD2634	.004	1 x 3/4"	
YD2635	.005	1 x 3/4"	
YD2636	.006	1 x 3/4"	
YD2637	.01	1 1/8 x 3/4"	18°
YD3638	.02	1 1/8 x 3/4"	21°
YD2639	.05	1 1/8 x 3/4"	
YD2640	.06	1 1/8 x 3/4"	
YD2641	.1	1 1/8 x 3/4"	\$0.27
YD2642	.25	1 1/8 x 3/4"	.36
YD2643	.5	1 1/8 x 3/4"	

## Midget Condensers



Extremely compact in size. Tested to withstand 1000 volts.

Stock No.	Cap'y Mfd.	Your Cost
YD2657	.0001	
YD2658	.00025	
YD2659	.0004	
YD2660	.0005	
YD2661	.001	15°
YD2662	.004	
YD2663	.005	
YD2664	.006	
YD2665	.01	
YD2666	.02	18°
YD2667	.05	21°
YD2668	.06	
YD2669	.1	

## By-Pass Condensers



Stock No.	Cap'y Mfd.	Size L W T	Your Cost
YD2619	0.1	1 1/2 x 7/8 x 3/8"	\$0.30
YD2620	0.25	1 1/2 x 7/8 x 3/8"	.36
YD2621	.5	1 1/2 x 7/8 x 3/8"	.45
YD2622	1.0	2 x 1 1/2 x 3/8"	.59
YD2623	1-1	2 1/4 x 1 1/2 x 3/8"	.39
YD2624	25-.25	2 x 1 1/2 x 3/8"	.48
YD2625	-.5-.5	2 x 1 1/2 x 3/8"	.59
YD2626	1-1-1	2 x 1 1/2 x 3/8"	.50

## Low Voltage Tubular Dry Electrolytics

Specialty designed condensers for use in A.C.-D.C. sets. Compact in size. Free straps supplied (as per illustration) to couple and mount any combination of condensers. 2 1/2" long.



Stock No.	Cap'y Mfd.	Diam.	Volts	Your Cost
YD3224	2	1 1/4"	200	\$0.36
YD3225	4	1 1/4"	200	.42
YD3226	8	1 1/4"	200	.54
YD3300	16	1 1/4"	200	.72
YD3301	25	1 1/4"	200	.77
YD3227	8-8	1 1/4"	200	.77
YD3228	4-4	1 1/4"	200	.86
YD3229	4-8	1 1/4"	200	.62
YD3230	10-10	1 1/4"	25	.51
YD3231	10	1 1/4"	50	.48
YD3232	25	1 1/4"	25	.50
YD3233	25	1 1/4"	50	.50

## CAPACITY INDICATOR

"It Chirps on Overloads"

The new patented Sprague Surge Arrester built into this new Capacity Indicator chirps when voltages over 475 volts are applied. Indicator checks capacities from .00025 to 16 mfd., in two ranges; from .00025 to .5 and from 1 to 16 mfd. Capacities selected by means of two rotary switches of the self-cleaning wiping contact type. Entire unit housed in fine bakelite case 7 1/4 x 3 1/8 x 3 3/4". Terminals marked for easy connections. Complete with test leads and instructions. Shpg. wt. 7 lbs.

YW10451 - **\$8.90**  
Your Cost . . . . .



## SPRACO 450 Volt Condensers with "Extra Safety Factor"

GUARANTEED FIRST GRADE

These condensers have a special filler which makes it possible to get higher capacity in smaller space. Have extra safety factor voltage rating, low power factor, extremely low leakage, and are absolutely impervious to moisture. Extremely small size allows them to be mounted anywhere. Light weight, and self-supporting. Provided with insulated leads, push-pack wire.

Stock No.	Cap'y Mfd.	Dimensions L Diam.	List Price	Your Cost Each
YD2916	1	2 1/2 x 1 1/4"	\$0.55	\$0.32
YD2917	2	2 1/2 x 1 1/4"	.65	.38
YD2918	4	2 1/2 x 1 1/4"	.75	.44
YD2919	6	2 1/2 x 1 1/4"	.90	.53
YD2920	8	2 1/2 x 1 1/4"	.95	.56
YD2921	4-4	2 1/2 x 1 1/4"	1.20	.71
YD2922	8-8	2 1/2 x 1 1/4"	1.50	.88



# SOLAR Condensers QUALITY ABOVE ALL!

**YOUR GUARANTEE OF SATISFACTION**  
 Every capacitor is guaranteed to be free of defects on workmanship and materials for a period of one year. If you are not satisfied, we will refund your money or replace the capacitor. No questions asked.

## Guaranteed—Reliable in Every Climate

All SOLAR condensers are subject to the guarantee bond shown on the left. They are made of the best of materials and workmanship and have been tested under trying conditions of temperature and humidity. They are noted, amongst Service Men and Construc-

tors, for their long-life, efficiency, and, of great importance when replacing defective units, for their extreme small size. All condensers are carefully checked and rated.

### Standard Size Cardboard Electrolytics

High quality units—with lugs and mounting flanges. Available in single or multiple sections. Separate "common" for each section in multiple units. Cardboard containers, waxed and moisture proofed. Avge. shpg. wt. 0 lbs. Peak 500 volts D.C.



Single Sections—2 Lug Terminals				
Stock No.	Cap. Mfd.	Dimensions, Inches	D.C. Peak Voltage	Your Cost
YD2843	4	2 1/8 x 1 1/8 x 5/8	500	\$0.39
YD2844	4	2 1/8 x 1 1/8 x 5/8	500	.45
YD2744	6	4 1/4 x 1 1/8 x 5/8	500	.54
YD2845	8	4 1/4 x 1 1/8 x 5/8	500	.57
YD2846	10	4 3/8 x 1 1/8 x 1 1/4	500	.69
YD2746	12	4 3/8 x 1 1/8 x 1 1/4	500	.78
YD2747	16	4 3/8 x 1 1/8 x 1 1/4	500	.87

Multiple Sections—Separate Connections				
Stock No.	Cap. Mfd.	Dimensions, Inches	D.C. Peak Voltage	Your Cost
YD2846	4-4	4 3/8 x 1 3/8 x 1 1/4	500	.72
YD2748	4-8	4 3/8 x 1 3/8 x 1 1/4	500	.81
YD2847	8-8	4 3/8 x 1 3/8 x 1 1/4	500	.90

### "Star Midget" Cardboard Electrolytics

Much smaller than "Standard" types.



Flexible wire leads. Available in 220 or 500 volts D.C. peak.

Stock No.	Cap. Mfd.	D.C. P.V.	Dimensions, Inches	Your Cost
YD2848	1	500	2 7/8 x 1 1/8 x 9/16	\$0.33
YD2849	2	500	2 7/8 x 1 1/8 x 9/16	.39
YD2870	4	500	2 7/8 x 1 1/8 x 1 1/8	.45
YD3486	6	500	2 7/8 x 1 1/8 x 1 1/8	.54
YD2871	8	500	2 7/8 x 1 1/8 x 1 1/8	.57
YD2874	4	220	2 3/8 x 3/4 x 1 1/8	.39
YD2875	6	220	2 3/8 x 3/4 x 7/8	.45
YD2876	8	220	2 3/8 x 3/4 x 1	.48
YD2877	10	220	2 3/8 x 3/4 x 1	.54
YD2878	12	220	2 3/8 x 1 x 1	.57
YD2879	16	220	2 3/8 x 1 x 1 1/4	.63
YD2880	20	220	2 3/8 x 1 x 1 1/4	.72
YD2881	25	220	2 3/8 x 1 x 1 1/4	.75

### "Little Giant" Dry Electrolytics "Smaller Than Midgets"



Extremely small sized, even smaller than present "midget" sizes. New, Safe, and thoroughly Efficient. The result of a new engineering development. Available in two voltage ratings—525 V. Peak and 250 V. Peak. With leads.

525 V. Peak (450 W.V.)				
Stock No.	Cap. Mfd.	Dimensions, Inches	D.C. Peak Voltage	Your Cost
YD3475	2	2 1/8 x 3/4 x 1/2	500	\$0.39
YD3476	2	2 1/8 x 3/4 x 1/2	500	.45
YD3477	6	2 1/8 x 1 1/8 x 1/2	500	.54
YD3478	8	3 1/8 x 1 1/8 x 1/2	500	.57
YD3479	10	3 1/8 x 1 1/8 x 1/2	500	.69
YD3480	12	3 1/8 x 1 1/8 x 1/2	500	.78
250 V. Peak (200 W.V.)				
YD3481	4	2 1/8 x 3/4 x 1/2	500	.39
YD3482	8	2 1/8 x 3/4 x 1/2	500	.48
YD3483	10	2 1/8 x 1 1/8 x 1/2	500	.54
YD3484	12	2 1/8 x 1 1/8 x 1/2	500	.57
YD3485	16	2 1/8 x 1 1/8 x 1/2	500	.63

### Type D Standard Round Inverted Cans

Standardized size for mounting in a 3/4" hole. Cans are fully insulated from sections. Flexible wire leads are provided for each section and clearly indicate polarity. Dimensions, 1 1/2" diameter by 4 3/8" high. Available in all popular sizes. Ideal for replacement.



Stock No.	Cap. Mfd.	D.C. Peak Voltage	Your Cost
YD2839	4	500	\$0.51
YD2840	8	500	.63
YD2733	10	500	.75
YD2841	4+4	500	.78
YD2734	4+8	500	.86
YD2842	8+8	500	.97

### Wet Electrolytic Condensers

Self healing units, capable of withstanding voltage overloads of moderate duration without harm. Low-leakage, full and well maintained capacity, excellent power factor,—all resulting in long service life. Supplied in round inverted metal cans (negative terminal) 1 1/2" diameter and 4 3/8" high. Excellent for replacement and construction; used extensively as the first filter section because temporary high voltage peaks (before tubes heat up) have no injurious effect upon these units.



Stock No.	Cap. Mfd.	D.C. Peak Voltage	Your Cost
YD2725	8	600	\$0.90
YD2726	4	500	.54
YD2727	8	500	.60
YD2728	10	500	.66
YD2729	12	500	.72
YD2730	20	500	.90
YD2731	30	500	1.20
YD2732	16	350	.72

### Type T Cartridge Electrolytics



Encased in impregnated tubes, with 2" bare wire leads. High capacity in small space at low cost. Dual units have common negative at one end, and 2 positive leads at other end.

Stock No.	Cap. Mfd.	D.C. P.V.	Dimensions, Inches	Your Cost
YD2703	5	500	1 3/4 x 5/8	\$0.33
YD2704	1	500	1 3/4 x 3/4	.33
YD2705	2	500	2 1/4 x 3/4	.39
YD2706	4	500	2 3/4 x 1	.45
YD2707	8	500	3 3/4 x 1	.57
YD2708	4	175	1 3/4 x 7/8	.36
YD2709	8	175	2 1/4 x 7/8	.45
YD2710	5	60	1 3/4 x 3/4	.30
YD2711	10	60	1 3/4 x 7/8	.39
YD2714	25	60	2 1/4 x 1	.48
YD2715	5	35	1 3/4 x 5/8	.30
YD2716	10	35	1 3/4 x 7/8	.30
YD2717	25	35	2 1/4 x 7/8	.39

### Precision Capacitor Analyzer



A scientific, accurate and reliable instrument for servicemen or laboratory. Employs Wien Bridge method of capacity measurement which results in high accuracy independent of line-voltage variations. Has the following numerous features:

**Measures Capacity:** Will accurately measure capacity of all types of electrolytics, paper and mica condensers. Capacity range—.00002 to 70.0 mfd.

**Measures Leakage, Etc.:** Directly indicates leaky, shorted, open, intermittent and power factor of all types of condensers.

**Indicates Dielectric Resistance:** Directly indicates the dielectric resistance of all types of insulation and insulators, between cable wires, coil windings, etc. This test is made at a D.C. potential from 25 to over 400 volts (supplied by a built-in power supply).

**Direct Reading:** All measurements made simply and directly, and require no complicated calculations or reference to charts or curves.

**Easy to Use:** All indications are visual. Two dial control provides complete condenser analyses quickly and easily.

**Compact, Portable:** In attractive cabinet with removable top. Weights only 7 lbs. Dimensions 9 1/2 x 7 1/2 x 6 1/4". Supplied complete with instructions, but less 58 and 80 tubes. Shpg. wt. 10 lbs.

**\$17.34**

### MICA Receiving Condensers

#### Type MH

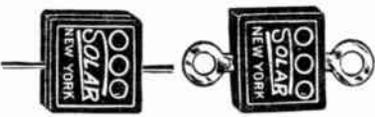
Bakelite moulded mica fixed condenser, with lugs. Dimensions 1 5/8 x 5/8 x 1/2". Accurately rated, impervious to moisture or heat. Capacity rating deeply imprinted in bakelite.



Stock No.	Cap'y	Your Cost	Stock No.	Cap'y	Your Cost
YD3450	.00005	\$0.10	YD3465	.002	\$0.13
YD3452	.0001	.09	YD3467	.003	.16
YD3454	.0002	9¢	YD3468	.004	18¢
YD3455	.00025		YD3469	.005	
YD3458	.0005		YD3470	.006	
YD3463	.001	.10	YD3474	.01	.37

### Postage Stamp Condensers

Miniature bakelite moulded fixed mica condensers, with leads or lugs. Size, 3/8" square. Accurately rated, with capacity either RMA color coded or deeply imprinted in bakelite.



Stock No.	Cap'y	Your Cost Each	Lugs	Stock No.	Cap'y	Your Cost Each
YD3403	.00005	8¢		YD3429	.00005	8¢
YD3405	.0001		YD3431	.0001		
YD3407	.0002		YD3433	.0002		
YD3408	.00025		YD3434	.00025		
YD3409	.0003		YD3435	.0003		
YD3410	.0004		YD3436	.0004		
YD3411	.0005	\$0.10		YD3437	.0005	\$0.10
YD3416	.001		YD3442	.001		
YD3418	.002		YD3444	.002		
YD3419	.0025		YD3445	.0025		

**2% OFF For Cash On SOLAR Condensers**

# CORNELL DUBILIER

The **PIONEER** Condenser--



the **QUALITY STANDARD** since 1910

## Cardboard Cased Filter and By-Pass

Capacity is constant over a wide-frequency range, with low power factor under ordinary conditions of use. Solder lug terminals securely riveted and will not pull out. Condenser is heavily waxed and thoroughly moisture-proofed.



### 525 Volts Peak

Stock No.	Cap. Mfd.	Size L W D	Ins. D	Your Cost
YD3618	2	4 1/2 x 1 3/8 x 1 1/8	1 1/8	\$0.38
YD3619	4	4 1/2 x 1 3/8 x 1 1/8	1 1/8	.44
YD3620	6	4 1/2 x 1 3/8 x 1 1/8	1 1/8	.53
YD3621	8	4 1/2 x 1 3/8 x 1 1/8	1 1/8	.56
YD3622	10	4 1/2 x 1 3/8 x 1 1/8	1 1/8	.68
YD3623	12	4 1/2 x 1 3/8 x 1 1/8	1 1/8	.76
YD3699	16	4 1/2 x 1 3/8 x 1 1/8	1 1/8	.85

## With Mounting Flanges



Mounting holes strengthened with eyelets. Individual soldering lugs brought out from case on all dual units. P.V. 525 volts; W.V. 450 D.C.

Stock No.	Cap. Mfd.	Size L W D	Ins. D	Your Cost
YD3624	4	4 1/2 x 1 3/8 x 1 1/8	3/4	\$0.44
YD3625	8	4 1/2 x 1 3/8 x 1 1/8	1 1/8	.56
YD3626	4-4	4 1/2 x 1 3/8 x 1 1/8	1 1/8	.70
YD3628	4-8	4 1/2 x 1 3/8 x 1 1/8	1 1/8	.79
YD3632	8-8	4 1/2 x 1 3/8 x 1 1/8	1 1/8	.88
YD3674	4-4-4	4 1/2 x 1 3/8 x 1 1/8	1 1/8	1.06
YD3675	8-8-8	4 1/2 x 2 x 2	1 1/8	1.29

## Special Compact Filters 525 V. P. 450 V. W.

These new small sized units were designed primarily to be used in the "cigar-box" midsets. Provided with stiff wire leads so that the units are self-supporting. They are only 2 1/2" long and will fit in the smallest sets.



Stock No.	Cap. Mfd.	Size L W D	Ins. D	Your Cost
YD3614	1	1 1/2 x 1 1/2	1/2	\$0.32
YD3615	2	1 1/2 x 1 1/2	1/2	.38
YD3616	4	1 1/2 x 1 1/2	1/2	.44
YD3617	8	1 1/2 x 1 1/2	1/2	.56

## "Handy Mike"

### A.C.-D.C. Electrolytics

Very small, handy, and inexpensive. Well made in silver finish containers equipped with color coded leads. Peak voltage 300 volts D.C., working voltage 250 volts D.C. Dimensions, length—2 1/2", width—1 1/2", depth—varies with mfd. of each and specified below. Ideal for use in A.C.-D.C. receivers.



Stock No.	Cap. Mfd.	Depth, Ins.	Your Cost
YD3793	4	3/4	\$0.38
YD3794	8	3/4	.50
YD3795	10	1 1/8	.56
YD3796	12	1 1/8	.62
YD3797	16	1 1/8	.68
YD3798	20	1 1/8	.73
YD3799	25	1 1/2	.82

## Inverted Can Type With Leads



The construction of this condenser makes it ideal for use in receivers where the negative lead must be insulated from the chassis. Separate leads in round metal can offer complete shielding, both insulated from can. 525 volts peak, 450 D.C. working volts.

Stock No.	Cap. Mfd.	Size L D	Ins. D	Your Cost
YD3683	2	2 1/2 x 1 3/8	1 1/8	\$0.44
YD3646	4	2 1/2 x 1 3/8	1 1/8	.50
YD3647	6	4 1/2 x 1 3/8	1 1/8	.59
YD3648	8	4 1/2 x 1 3/8	1 1/8	.62
YD3649	10	4 1/2 x 1 3/8	1 1/8	.73
YD3598	4-4	4 1/2 x 1 3/8	1 1/8	.76
YD3599	4-8	4 1/2 x 1 3/8	1 1/8	.85
YD3653	8-8	4 1/2 x 1 3/8	1 1/8	.94

## Inverted Can Type With Lug



Similar to above but with solder lug terminal. Can is negative. For inverted mounting only. Excellent for constructors, —and for replacement purposes inasmuch as a good many receivers employ this type of electrolytic condenser.

Stock No.	Cap. Mfd.	Size L D	Ins. D	Your Cost
YD3963	2	2 1/2 x 1	1 1/8	\$0.44
YD3964	4	3 1/2 x 1	1 1/8	.50
YD3965	6	4 1/2 x 1	1 1/8	.59
YD3966	8	4 1/2 x 1	1 1/8	.62
YD3967	10	4 1/2 x 1 1/8	1 1/8	.73
YD3969	4-4	4 1/2 x 1 1/8	1 1/8	.76
YD3970	8-8	4 1/2 x 1 1/8	1 1/8	.94

## High Capacity Low Voltage "A" Condensers



Ideally suited to provide hum proof operation of dynamic speakers. Also for low voltage rectifier circuits for talking pictures.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
YD3975	1000	12	\$2.10
YD3976	1500	12	2.92
YD3977	2000	12	3.71
YD3978	1000	18	2.92
YD3979	1500	18	4.26
YD3980	2000	18	5.39

## High Voltage Filter Condensers Type F and Type TDF



Oil filled and impregnated, hermetically sealed condensers 1/8 the size of ordinary wax paper types. Excellent non-inductive characteristics. Particularly suited for P.A. and power amp. equipment.

Stock No.	Cap. Mfd.	W. Volts	Dimensions Ins.	Your Cost
YD4000	.05	1,000		\$0.97
YD4001	.1	1,000	2 x 1 x 1	1.03
YD4002	.25	1,000		1.09
YD4003	.5	1,000		1.18
YD4004	1.	1,000	2 1/2 x 1 1/2 x 1 1/2	1.47
YD4005	2.	1,000	4 x 1 1/2 x 1 1/2	2.64
YD4006	4.	1,000	4 3/4 x 2 1/2 x 1 1/2	4.12
YD4007	1.	1,500	2 3/4 x 1 1/2 x 1 1/2	2.21
YD4008	2.	1,500	4 1/2 x 1 1/2 x 1 1/2	3.67
YD4009	1.	2,000	4 1/2 x 1 1/2 x 1 1/2	3.09
YD4010	2.	2,000	4 3/4 x 2 1/2 x 1 1/2	4.70

## "Hi-Mike" Round Metal Can Condensers, Type EA



For use in amplifiers, power units and other equipment where sturdy, neat appearing single section units are required. Can is negative. 525 volts peak; 450 volts D.C. working. Complete with mounting ring.

Stock No.	Cap. Mfd.	Size L D	Ins. D	Your Cost
YD3640	2	2 1/2 x 1 3/8	1 1/8	\$0.44
YD3641	4	2 1/2 x 1 3/8	1 1/8	.50
YD3642	6	4 1/2 x 1 3/8	1 1/8	.59
YD3643	8	4 1/2 x 1 3/8	1 1/8	.62
YD3644	10	4 1/2 x 1 3/8	1 1/8	.73
YD3645	12	4 1/2 x 1 3/8	1 1/8	.82

## Dual and Multiple Sections Type EA

Can be mounted in upright, horizontal, or any other position without affecting operation. All provided with mtg. rings. Can is negative. Rated peak voltage 525; wkg. voltage 450 v. D.C.



Stock No.	Cap. Mfd.	Size L D	Ins. D	Your Cost
YD3633	5-15	4 1/2 x 2 1/2	1 1/8	\$1.35
YD3634	8-8	4 1/2 x 2 1/2	1 1/8	1.06
YD3635	4-4-4	4 1/2 x 2 1/2	1 1/8	1.27
YD3636	8-8-8	4 1/2 x 3	1 1/8	1.59
YD3637	9-9-18	4 1/2 x 3	1 1/8	2.20
YD3638	8-8-8-8	4 1/2 x 3	1 1/8	2.12
YD3639	8-8-18-18	4 1/2 x 3 1/2	1 1/8	2.85

## Wet Electrolytics



These condensers incorporate the latest in engineering developments; excellent electrical characteristics. Type EX supplied with mtg. ring. Type EY for screw mtg. 500 Volt Peak.



Stock No.	Cap. Mfd.	Size L D	Ins. D	Your Cost
YD4011	4	3 1/2 x 1 1/2	1 1/8	\$0.50
YD4012	6	4 1/2 x 1 1/2	1 1/8	.56
YD4013	8	4 1/2 x 1 1/2	1 1/8	.59
<b>Type EY</b>				
YD4014	4	3 1/2 x 1 1/2	1 1/8	.50
YD4015	6	4 1/2 x 1 1/2	1 1/8	.56
YD4016	8	4 1/2 x 1 1/2	1 1/8	.59
YD4190	10	4 1/2 x 1 1/2	1 1/8	.65
YD4191	12	4 1/2 x 1 1/2	1 1/8	.71

## High Quality Paper Dielectric



### Condensers, Type PE Cardboard Type

Dimensions identical to electrolytic units; capacity 1/2 to 1/2 of electrolytics. Cardboard type. Leakage and power factor negligible, no polarity, safe high voltage ratings and reliable operation. Preferred by most servicemen for bypass or filter replacement purposes. Available in two types,—450 W.V. and 600 W.V. All with leads.

### 450 V. Working—600 V. Peak

Stock No.	Cap. Mfd.	Size L W D	Ins. D	Your Cost
YD4017	2	4 1/2 x 1 3/8 x 1 1/8	1 1/8	\$0.44
YD4083	4	4 1/2 x 1 3/8 x 1 1/8	1 1/8	.53
YD4084	8	4 1/2 x 1 3/8 x 1 1/8	1 1/8	.68
YD4085	8-8	4 1/2 x 1 3/8 x 1 1/8	1 1/8	1.12

### 600 V. Working—800 V. Peak

Stock No.	Cap. Mfd.	Size L W D	Ins. D	Your Cost
YD4018	2	4 1/2 x 1 3/8 x 1 1/8	1 1/8	.59
YD4086	4	4 1/2 x 1 3/8 x 1 1/8	1 1/8	.71
YD4087	8	4 1/2 x 1 3/8 x 1 1/8	1 1/8	.94
YD4089	4-4	4 1/2 x 1 3/8 x 1 1/8	1 1/8	1.18
YD4088	8-8	4 x 2 x 1 1/2	1 1/8	1.56

## Inverted Can Type with Leads



Similar to the above but contained in round metal cans; inverted mtg. Separate leads—no common.

### 600 V. Working—800 V. Peak

Stock No.	Cap. Mfd.	Size L W D	Ins. D	Your Cost
YD3650	4	4 1/2 x 1 3/8	1 1/8	\$0.79
YD3651	8	4 1/2 x 1 3/8	1 1/8	1.03
YD3655	4-4	4 1/2 x 1 3/8	1 1/8	1.32
YD3652	8-8	4 1/2 x 1 1/2	1 1/8	1.65

## "Hi-Mike" Cartridge Type Electrolytics



### TYPE ED

Self-supporting wire leads that cannot pull out. Compact. Hermetically sealed.

Stock No.	Cap. Mfd.	Wkg. Volts	Size L D	Ins. D	Your Cost
YD3600	5	25	2 3/8 x 1 1/2	3/8	\$0.30
YD3601	10	25	2 3/8 x 1 1/2	3/8	.30
YD3603	25	25	2 3/8 x 1	3/8	.38
YD3604	50	25	2 3/8 x 1 1/2	3/8	.56
YD3605	5	50	2 3/8 x 1 1/2	3/8	.30
YD3606	10	50	2 3/8 x 1 1/2	3/8	.38
YD3607	25	50	2 3/8 x 1 1/2	3/8	.47
YD3608	50	50	2 3/8 x 1 1/2	3/8	.71
YD3609	10	100	2 3/8 x 1 1/2	3/8	.41
YD3610	25	100	2 3/8 x 1 1/2	3/8	.56
YD3801	4	150	2 3/8 x 1 1/2	3/8	.35
YD3802	8	150	2 3/8 x 1 1/2	3/8	.44
YD3803	4	200	2 3/8 x 1 1/2	3/8	.38
YD3804	8	200	2 3/8 x 1 1/2	3/8	.47
YD3805	4	250	2 3/8 x 1 1/2	3/8	.38
YD3806	8	250	2 3/8 x 1 1/2	3/8	.50
YD3807	10	250	2 3/8 x 1 1/2	3/8	.56
YD3808	12	250	2 3/8 x 1 1/2	3/8	.62
YD3809	16	250	2 3/8 x 1 1/2	3/8	.68
YD3818	2	300	2 3/8 x 1 1/2	3/8	.35
YD3819	4	300	2 3/8 x 1 1/2	3/8	.41
YD3611	1	450	2 3/8 x 1 1/2	3/8	.33
YD3612	2	450	2 3/8 x 1 1/2	3/8	.38

# CORNELL-DUBILIER BY-PASS CONDENSERS

## "Dwarf Tiger" Units



Developed to meet the demand for an extremely low cost condenser especially suited for use in small midjet sets where space is limited. They are light in weight, and can easily be connected between points.

Stock No.	Cap. Mfd.	Diam. In.	Wkg. Volts	Your Cost
YD3735	.01	7/16	400	<b>12c</b>
YD3736	.02	7/16	400	
YD3737	.05	7/16	400	<b>15</b>
YD3738	.1	7/16	400	<b>18</b>
YD3739	.25	7/16	400	<b>24</b>
YD3740	.5	7/16	400	<b>29</b>
YD3760	1.0	1	400	<b>44</b>
YD3684	.0001	7/16	600	
YD3685	.00025	7/16	600	
YD3741	.0005	7/16	600	<b>12c</b>
YD3742	.001	7/16	600	
YD2743	.002	7/16	600	
YD3744	.005	7/16	600	
YD3745	.01	7/16	600	
YD3746	.02	7/16	600	<b>15</b>
YD3747	.05	7/16	600	<b>18</b>
YD3748	.1	7/16	600	<b>21</b>
YD3749	.25	7/16	600	<b>27</b>
YD3750	.5	1	600	<b>35</b>

## Metal Can By-Pass Units

**Non-Inductive.** Housed in one-piece drawn metal cans, and thoroughly plated to prevent corrosion. All units are hermetically sealed against moisture. Dual units have common terminal; triple units have common grounded to can.



**SINGLE SECTIONS**

Stock No.	Cap. Mfd.	Working Volts	Your Cost
YD4067	.05	400	<b>\$0.27</b>
YD4068	.1	400	<b>.29</b>
YD4069	.25	400	<b>.35</b>
YD4070	.5	400	<b>.44</b>
YD4071	1.0	400	<b>.59</b>
YD4072	2.0	400	<b>.91</b>
YD4073	.1	600	<b>.35</b>
YD4074	.25	600	<b>.41</b>
YD4075	.5	600	<b>.56</b>

**MULTIPLE SECTIONS**

Stock No.	Cap. Mfd.	Working Volts	Your Cost
YD4076	1.0	600	<b>\$0.88</b>
YD4077	1-1	400	<b>.38</b>
YD4078	.25-25	400	<b>.47</b>
YD4079	.5-5	400	<b>.59</b>
YD4080	1-1-1	400	<b>.50</b>
YD4081	1-1	600	<b>.41</b>
YD4082	1-1-1	600	<b>.59</b>

## "Cub" Cartridge Condensers



Cornell "Cub" condensers have become the most universally used condensers in radio set design. Used extensively by over 135 radio set manufacturers. Units are wound on a wooden core, thoroughly impregnated, and cased in cardboard containers. Stiff wire leads are fastened to metal caps.

Stock No.	Cap. Mfd.	Diam. In.	Wkg. Volts	Your Cost
YD3820	.01	7/16	400	<b>\$0.12</b>
YD3821	.05	7/16	400	<b>.15</b>
YD3734	.1	7/16	400	<b>.18</b>
YD3724	.25	7/16	400	<b>.24</b>
YD3725	.5	1	400	<b>.30</b>
YD3726	1.0	1 1/4	400	<b>.44</b>
YD3727	.1	3/8	600	<b>.21</b>
YD3728	.5	1 1/4	600	<b>.35</b>
YD3822	1-1	3/4	400	<b>\$0.33</b>
YD3823	.25-.25	1	400	<b>.50</b>
YD3732	.05-.05	3/8	600	<b>.35</b>
YD3733	1-1	1	600	<b>.38</b>



**Midget Micas**  
With Wire Leads or Lug Terminals  
Soldering lug or wire lead terminals. Used extensively by set manufacturers. 1000 volt test.

Stock No.	Cap. Mfd.	Working Volts	Your Cost
YD3715	.0001	600	<b>9c</b>
YD3716	.0001	600	
YD3717	.00025	600	<b>12c</b>
YD3718	.0005	600	
YD3719	.001	600	<b>15</b>
YD3720	.002	600	<b>21</b>
YD3721	.003	600	<b>24</b>
YD3722	.004	600	<b>27</b>
YD3723	.005	600	<b>32</b>
YD3786	.006	600	<b>35</b>
YD3789	.01	600	<b>44</b>

## Uncased Renewal Sections



Oil treated, hermetically sealed units that stand up under continuous duty at full rated voltage. All thoroughly impregnated and covered by a paper wrapper. Have insulated leads securely anchored to the sections and color coded according to the voltage. Ideal for replacement work.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
YD403S	.5	400	<b>\$0.33</b>
YD4036	1.0	400	<b>.44</b>
YD3981	2.0	400	<b>.68</b>
YD3982	.25	600	<b>.33</b>
YD4037	.5	600	<b>.38</b>
YD4038	1.0	600	<b>\$0.59</b>
YD3983	2.0	600	<b>.82</b>
YD3984	4.0	600	<b>1.53</b>
YD4039	1.0	1000	<b>.91</b>
YD4040	2.0	1000	<b>1.50</b>

## CORNELL-DUBILIER Noise Filters



Type IF-2

**Type IF-1**—Inductance capacitive type. Current rating 5 amps. Cuts out line noises. For appliances up to 200 watts. Size 4x4x5". Shpg. wt. 4 lbs.

**YD3553—Your Cost \$2.94**

**Type IF-2**—Pure capacity type. No current limitation. Mounting plate for insertion under motor foot. Size 2x1 3/4 x 1". Shpg. wt. 1 lb.

**YD3554—Your Cost \$1.32**



Type IF-1

# Trutest BY-PASS CONDENSERS

All Trutest Products are guaranteed to be within RMA tolerance + or - 10%

## Single Unit By-Pass



Universal mounting types. Hermetically sealed in drawn aluminum cans.

Stock No.	Cap.	Volt.	Your Cost
YD3260	.1	200	<b>\$0.17</b>
YD3261	.25	200	<b>.20</b>
YD3262	.5	200	<b>.24</b>
YD3263	1.0	200	<b>.32</b>
YD3264	2.0	200	<b>.52</b>
YD3265	1	300	<b>.21</b>
YD3266	.25	300	<b>.28</b>
YD3267	.5	300	<b>.32</b>
YD3268	1.0	300	<b>.45</b>
YD3269	.1	400	<b>.22</b>
YD3270	.25	400	<b>.26</b>
YD3271	.5	400	<b>.33</b>
YD3272	1.0	400	<b>.49</b>



## Trutest Midget Cartridge Condensers

These condensers are very compact, half the size of average cartridge condensers. Especially adaptable to A.C.-D.C. sets, or where space is a factor. Sealed at ends, leads cannot pull out.

Stock No.	Cap. Mfd.	Work. Volt.	Your Cost
YD3173	.01	200	<b>\$0.06</b>
YD3175	.05	200	<b>.07</b>
YD3176	.1	200	<b>7c</b>
YD3177	.25	200	<b>7c</b>
YD3178	.5	200	<b>.14</b>
YD3179	.01	400	<b>.06</b>
YD3180	.02	400	<b>7c</b>
YD3181	.05	400	<b>.08</b>
YD3182	.1	400	<b>.12</b>
YD3183	.25	400	<b>.16</b>
YD3174	.5	400	<b>.07</b>
YD3184	.001	600	<b>.07</b>
YD3185	.002	600	<b>7c</b>
YD3186	.006	600	<b>.08</b>
YD3187	.01	600	<b>.08</b>
YD3188	.02	600	<b>.08</b>
YD3189	.05	600	<b>.10</b>
YD3190	.1	600	<b>.10</b>
YD3191	.25	600	<b>.15</b>
YD3192	.05-.05	200	<b>14c</b>
YD3193	1-1	200	<b>.17</b>
YD3194	.25-.25	200	<b>.14</b>
YD3195	.05-.05	400	<b>.14</b>
YD3196	1-1	400	<b>.14</b>

## Trutest Oil Impregnated Vibrator Condensers

Exact replacement condensers. Oil impregnated. Rated at 1600 volts. Small square metal cans are 1 1/4 x 1 1/4 x 1/2" with the exception of YD3246 which is 3/8 x 1/2 x 3/8".



Stock No.	Cap. Mfd.	Your Cost
YD3240#	.007	<b>.08</b>
YD3241#	.01	<b>.08</b>
YD3242#	.02	<b>.10</b>
YD3243#	.007	<b>.15</b>
YD3244	.01	<b>.17</b>
YD3245	.02	<b>.14</b>
YD3246#	.007	<b>.14</b>

Condensers indicated with # have two leads—others one lead.

## Multi-Unit By-Pass

Stock No.	Cap.	Volt.	Your Cost
YD3273	1-1	200	<b>\$0.32</b>
YD3274	1-1-1	200	
YD3275	.25-.25	200	<b>.36</b>
YD3276	.5-.5	200	<b>.47</b>
YD3281	1-1	300	<b>.36</b>
YD3282	.25-.25	300	<b>.34</b>
YD3283	.5-.5	300	<b>.45</b>
YD3277	1-1-1	400	<b>.32</b>
YD3278	1-1-1	400	<b>.45</b>
YD3279	.25-.25	400	<b>.40</b>
YD3280	.5-.5	400	<b>.55</b>

## Handy Cartridge Condenser Assortment

Complete assortments of the most popular sizes used in average service work. It is the most convenient way of always being certain to have the correct size on hand. Contains one of each of the following condensers:



Strip "A"				Strip "B"			
.1	200 volts	.01	600 volts	.05	200 volts	.002	600 volts
.5	200 volts	.02	600 volts	.25	200 volts	.05	600 volts
.01	400 volts	.1	600 volts	.05	400 volts	.1	600 volts
.05	400 volts	.25	600 volts	.02	400 volts	1-1	200 volts
.1	400 volts	.05-.05	200 volts	.25	400 volts	.25-.25	200 volts
.006	600 volts	1-1	400 volts	.001	600 volts	.05-.05	400 volts
<b>YD3197—Strip "A" Your Cost \$1.15</b>				<b>YD3198—Strip "B" Your Cost \$1.15</b>			

## Condensers for ELKON Vibrators



The following condensers are mounted in long metal cans and are equipped with two leads and end clips. .01 and .02 are 3/8 x 2 1/2 x 1 1/2". .5 is 3 1/2 x 1 3/8 x 3/8".

Stock No.	Cap.	Your Cost
YD3247	.01	<b>\$0.36</b>
YD3248	.02	<b>.42</b>
YD3249	.5	<b>.39</b>

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# TRUTEST DRY FILTER & BY-PASS CONDENSERS ELECTROLYTIC

For best results, and for definite assurance of maximum Filter and By-pass action, use TRUTEST Dry Electrolytic Condensers. They are manufactured to the highest standards, and easily conform with RMA standards. All TRUTEST Dry Electrolytics are GUARANTEED



to have a power factor of from 4% to 8% leakage less than .1 M.A. per mfd.; all capacity ratings within a tolerance of +20% and -10%; not affected by humidity. Specify Trutest Condensers—Accept no Substitutes!

## TRUTEST "Pee-Wee" Cardboard Electrolytics



Smallest sized condenser. Absolutely dependable and efficient. Available 525 P. V., and 250 P. V. for A.C.-D.C. sets.

525 V. S. Peak (450 W.V.)				
Stock No.	Cap. Mfd.	Dimensions Inches	Your Cost	
YD3487	2	2 1/4 x 1 1/2 x 1 1/2	\$0.32	
YD3488	4	2 1/4 x 1 1/2 x 1 1/2	.38	
YD3489	6	2 1/4 x 1 1/2 x 1 1/2	.45	
YD3490	8	2 1/4 x 1 1/2 x 1 1/2	.51	
YD3491	10	2 1/4 x 1 1/2 x 1 1/2	.57	
YD3492	12	2 1/4 x 1 1/2 x 1 1/2	.65	

250 V.S. Peak (200 W.V.)				
Stock No.	Cap. Mfd.	Dimensions Inches	Your Cost	
YD3493	4	2 1/4 x 1 1/2 x 1 1/2	.32	
YD3494	8	2 1/4 x 1 1/2 x 1 1/2	.39	
YD3495	10	2 1/4 x 1 1/2 x 1 1/2	.44	
YD3496	12	2 1/4 x 1 1/2 x 1 1/2	.47	
YD3497	16	2 1/4 x 1 1/2 x 1 1/2	.52	

## Dry Electrolytic Cartridge Condensers



In waxed cardboard containers with metal ends and 1 1/2" wire leads. Hermetically sealed. Especially suited for use in "cigar-box" A.C.-D.C. sets.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost Each
YD3380	5	25	\$0.23
YD3381	10	25	.23
YD3382	25	25	.32
YD3383	50	25	.42
YD3396	Dual 5	25	.37
YD3384	5	50	.22
YD3295	10	50	.28
YD3297	25	50	.36
YD3387	5	100	.26
YD3388	10	100	.33
YD3392	2	150	.24
YD3393	4	150	.29
YD3394	8	150	.36
YD3395	Dual 4	150	.40
YD3389	1	200	.24
YD3390	2	200	.24
YD3391	4	200	.30
YD3291	1	450	.25
YD3292	2	450	.28
YD3293	4	450	.35
YD3256	8	450	.44

## "Wet" Electrolytics



A new line of condensers using a wet electrolyte that possesses many advantages such as: self-healing, ability to withstand voltage overloads without harm, "self-regulating" characteristics, etc. Full and well maintained capacity, excellent power factor and long life. All in tubular metal containers—can is negative.

Dimensions, under 500 volts, 3 1/2 x 1 1/2"; 500 volts, 4 3/8 x 1 1/2"; 600 volts, 4 3/8 x 1 1/2".

Stock No.	Cap'y Mfd.	Peak Volts	Your Cost
YB488	4	200	\$0.32
YB489	8	200	.36
YB490	8	250	.43
YB491	4	450	.36
YB492	8	500	.45
YB493	10	500	.50
YB494	12	500	.54
YB495	8	600	.70

## Low Priced Single Sections

### Single 8 Mfd. Can

This Trutest 8 mfd., 500 volt, peak condenser is used in new installations and replacements. In round aluminum can, of standard size, fits hole for 3/8" studs. Can is insulated from the condenser sections and is grounded. Shpg. wt. 1 lb.

**YD3324—Your Cost Each..... 42¢**

### Single 8 Mfd. Cardboard

The most popular size in this very popular line of condensers at an exceptionally LOW PRICE. This 8 mfd. condenser has a heavily waxed cardboard container and a peak voltage rate of 500 volts. Size 1 1/4 x 1 1/8 x 3/8". Shpg. wt. 1 lb.

**YD3348—Your Cost..... 40¢**

### Compact Dry Electrolytic Filter Units 525 Volts Peak

Extremely compact filter condenser conservatively rated at 525 volt peak and 450 volt working voltage. All are in cardboard cases 1 1/2" wide, but vary in length and thickness.

Stock No.	Cap'y Mfd.	T.	L.	Your Cost
YD3223	1	1 1/2"	2 7/16"	\$0.25
YD3219	2	1 1/2"	2 3/8"	.30
YD3220	4	1 1/2"	2 3/8"	.35
YD3221	6	1 1/2"	2 3/8"	.42
YD3222	8	1 1/2"	2 3/8"	.45

### Special Compact Filters

For A.C.-D.C. Sets 225 Volt Peak

These units occupy less space than similar capacity low voltage sections and give ample voltage protection. Rated 200 W.V., D.C. In cardboard containers 2 1/2" long.

Stock No.	Cap'y Mfd.	Size	Your Cost Each
YD3210	4	2 1/2" x 1 1/2"	\$0.33
YD3211	6	2 1/2" x 1 1/2"	.38
YD3212	8	2 1/2" x 1 1/2"	.39
YD3213	10	2 1/2" x 1 1/2"	.44
YD3214	12	2 1/2" x 1 1/2"	.47
YD3215	16	2 1/2" x 1 1/2"	.52
YD3216	20	2 1/2" x 1 1/2"	.59
YD3217	25	2 1/2" x 1 1/2"	.60

### Filter and By-Pass Units

Suitable for replacement work to substitute for paper blocks. Light and compact and can be mounted in any position. Trouble free at unusually high temperatures.

Stock No.	Cap'y Mfd.	Peak Volt.	Your Cost
YD3351	2	500	\$0.29
YD3346	4	500	.34
YD3347	6	500	.38
YD3348	8	500	.40
YD3349	10	500	.53
YD3350	12	500	.62

### Special "600" Volt Peak Dry Electrolytics

Similar in construction and workmanship to the standard line of Trutest electrolytics. P.V. 600, V.D.C., and W.V.—475 V.D.C. Especially recommended for use in sets or amplifiers where surges are liable to exceed the working voltage. Sealed in compact cardboard boxes 1 1/2" wide by 2 1/2" long.

Stock No.	Cap'y Mfd.	Inches Thick	Your Cost
YD3205	1	1 1/2"	\$0.35
YD3206	2	1 1/2"	.40
YD3207	4	1 1/2"	.45
YD3208	6	1 1/2"	.50
YD3209	8	1 1/2"	.55

### Dry Electrolytic Condensers for Compact A.C.-D.C. Sets Filter and By-Pass Units Flange Type Mounting

Stock No.	Capacity Mfd.	Working Volts	Dimensions	Your Cost
YD3153	5-5*	25	2 1/4 x 1 1/2 x 3/8"	\$0.35
YD3154	10-10*	25	2 1/4 x 1 1/2 x 3/8"	.35
YD3163	8-8-4*	200	1 1/2 x 1 1/2 x 4 1/8"	.85
YD3166	12-4*	150	1 x 1 1/2 x 3/8"	.57
YD3169	4-4*	150	1 1/4 x 1 1/2 x 2 3/8"	.40
YD3148	8-5*	150	3 x 1 x 1 1/2"	.47
YD3150	8-8*	150	1 x 1 1/2 x 3/8"	.59
YD3152	25-5-5 SP	150	2 3/8 x 1 1/2 x 1 1/2"	.67
YD3172	12-4*	200	1 x 1 1/2 x 3/8"	.94
YD3155	16-8**	200	1 1/2 x 1 1/2 x 4 3/8"	.72
YD3156	16-16**	200	1 1/2 x 1 1/2 x 4 3/8"	.80
YD3157	4-16-8 SP	150	1 1/2 x 1 1/2 x 4 3/8"	.88
YD3178	4-4*	150	1 1/4 x 1 1/2 x 2 3/8"	.40
YD3159	4-4**	200	1 x 1 1/2 x 3/8"	.44

### Multiple Sections Cardboard Container

These multiple section condensers are used for sub-base and sub-panel mounting. The sections are insulated from each other and separate terminals are brought out from each section. Capacity is practically constant over a wide frequency range. Overall height 4 3/4". Conservatively rated at 500 volts D.C. peak. Idea for A.C.-D.C. sets.

Stock No.	Cap'y Mfd.	Size Inches	Your Cost Each
YD3361	4-4	200	\$48.00
YD3362	5-5	35	\$44.00

Plain cardboard, multiple sections. 500 volts D.C. peak.

Stock No.	Cap'y Mfd.	Size Inches	Your Cost Each
YD3337	4-4	1 1/2 x 1 1/2 x 4 1/2"	50c
YD3339	4-8	1 1/2 x 1 1/2 x 4 1/2"	60c
YD3341	6-9	1 1/2 x 1 1/2 x 4 1/2"	68c
YD3342	8-8	1 1/2 x 1 1/2 x 4 1/2"	68c
YD3366	8-8-8	1 1/2 x 2 x 4 1/2"	\$1.05
YD3307*	8-8-8	2 1/2 x 1 1/2"	\$1.19

\* Rectangular aluminum can.

### Multiple Sections Can Type Dry Electrolytics

Each section is a separate electrolytic, of the genuine self-healing type. These condensers have been scientifically designed. The excellent power factor characteristic of these units, under normal temperature conditions, means that electrostatic and effective capacities are practically the same, resulting in efficient filtering. All 500 volt peak.

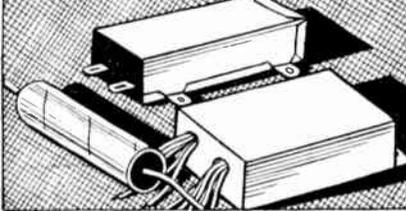
Stock No.	Cap'y Mfd.	No. at Anodes	Your Cost
YD3316	8-8	2 1/2"	\$0.82
YD3317	4-4-4	2 1/2"	1.05
YD3331	8-8-8	2 1/2"	1.00
YD3318	8-8-8	3"	1.15
YD3320	9-9-18	3"	1.70
YD3319	8-8-8-8	3 1/2"	1.55
YD3321	8-8-18-18	3 1/2"	2.40

### Inverted Type

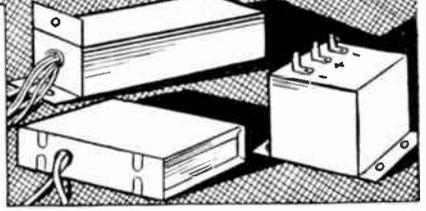
Stock No.	Cap'y Mfd.	Your Cost Each
YD3323	4	\$0.38
YD3324	8	.42
YD3326	4-4	.70
YD3335	4-8	.79
YD3398	8-8	.82

# AC-DC ELECTROLYTICS

for all standard receivers



Wholesale - Radio - Service Company offers the most comprehensive line of exact duplicate electrolytics for popular A.C.-D.C. sets. Every one of the units listed below conforms in every way to the specifications of the original manufacturer. At the exceptionally low prices at which they are being offered, it will pay the servicemen to use them rather than makeshift replacements.



Stock No.	Mfrs. No.	Capy. Mfd.	Wkg. Volts	Your Cost
<b>BELMONT (FRESHMAN)</b>				
YD3018	C-525-C	5-25	100	\$0.76
<b>BOSCH</b>				
YD2801	SA-104614	8	225	.33
YD2803	SA-106536	6-10	450	.72
YD3016	SA-105237	8-4-20	450-350-25	.75

Stock No.	Mfrs. No.	Capy. Mfd.	Wkg. Volts	Your Cost
<b>CROSLY</b>				
YD2804	W-27488	6-8	300-25	.42
YD2805	W-27488	6-8	400-25	.47
YB502	W-30124	8-16-16	125-125-100	.98
YB503	W-29012	12-2.5	40-80 A.C.	.65
YB504	W-29150	7-6-8	450-400-25	.95
YB505	W-30059	8-8-8	450-450-250	1.10
YD3023	W-26896A	12-6	300-25	.48
YD3024	W-29264A	16-16-8	125-125-20	.75
YD3025	W-29806A	16-16-8	125-100-125	.75
YD3027	W-30419	8-8	250-20	.48
YD2974	W-26870A	6	25	.27
YD2975	W-28068	12	200	.55
YD2976	W-25857B	8-8	200-25	.45
YD2977	W-26119A	8-4	150-300	.56
YD3824	27677A	8-8	100	.47
YD3825	28468	8-12	350-475	1.15
YD3826	29097B	8-8-8	450-450-250	1.30
YD3827	30017	4-8	450	.85
YD3828	29808	12	300	.78
YD3829	30018	8-8	450	.87

Stock No.	Mfrs. No.	Capy. Mfd.	Wkg. Volts	Your Cost
<b>DETROLA</b>				
YD3033	4-17-8	135		.85
YD3040	8-8-8-4	100		.75
<b>EMERSON</b>				
YD2956	KC-68	4-8-16	175	.89
YD3830	HC-31	4-4	200	.54
YD3831	HC-32	5-5	35	.40
YD3832	KC-56	8-8	200	.70

Stock No.	Mfrs. No.	Capy. Mfd.	Wkg. Volts	Your Cost
<b>FADA</b>				
YD3043	1362-MS	8-16	200	.86
<b>GALVIN (MOTOROLA)</b>				
YD2806	2520	25	20	.25
YD2807	8825	8-8-25	300-300-25	.83

Stock No.	Mfrs. No.	Capy. Mfd.	Wkg. Volts	Your Cost
<b>G.E. see RCA-Victor</b>				
<b>GENERAL HOUSEHOLD UTILITIES</b>				
YD2808	24144	4	150	.33
YD2809	24351	8-8	150-50	.40
YD2810	24459	4	500	.65
YD2811	24458	8-8	350-450	.55
YD2812	25195	4-4	200-50	.36
YD2813	24789	4	25	.21
YD2814	27715	4-8	350-100	.52
YD3041	27151	4-25-10-4	100-25	.75
YD3042	26201	4-12-4	150	.60

Stock No.	Mfrs. No.	Capy. Mfd.	Wkg. Volts	Your Cost
<b>GRIGSBY-GRUNOW</b>				
YD2817	7402	10	6	.22
YD2818	7784	20	30	.39
YD2819	8118	20	30	.30
YD2820	7724	8	300	.39
YD2821	7824	8-16	300-450	.79
YD2822	8385	8-8	450	.81
YD2823	8755	8-4	450	.55

Stock No.	Mfrs. No.	Capy. Mfd.	Wkg. Volts	Your Cost
<b>GRIGSBY-GRUNOW (Cont.)</b>				
YD2824	9337	8	200	\$0.31
YD2825	9661	8-16-10	140-15	1.15
YD2826	10067	10	25	.20
YD2827	9979	8-8	350	.72
YD2828	10193	8	450	.39
YD2829	10208	10-10	25	.28
YD2830	10488	10	25	.20
YD2831	10369	8-8	400	.72
YD2832	10630	8-8-10	400-400-25	.98
YD2833	10946	10	30	.32
YD2834	11017	16	450	.60
YD2835	11200	4-2	450	.47
YD2836	11452	4-8	450	.55
YD2850	11640	4-6-10	300-350-25	.95
YD2851	11794	20	30	.39
YD2852	12026	20-10	25	.38
YD2853	12038	16	450	.63
YD2833	5414	8	450	.50
YD2834	7173	8	450	.50
YD2835	7988	7	150	.40
YD2836	10829	10-8-8	25-350-350	1.00
YD2981	7489-1	16	500	.78
YD2924	4713-D	8-8	500	.50

Stock No.	Mfrs. No.	Capy. Mfd.	Wkg. Volts	Your Cost
<b>HALSON</b>				
YD2960	16-8-4	150		1.08
<b>INTERNATIONAL</b>				
YD2978	A424	4-10-10	175	.90
YD2979	A426	2-7	150	.48
YD2980	A427	3½-3½-3½	150-15	.67

Stock No.	Mfrs. No.	Capy. Mfd.	Wkg. Volts	Your Cost
<b>MIDWEST</b>				
YD2854	R-216	12	25	.21
<b>PILOT</b>				
YD2855	22481	5	25	.21
YD2856		5-5	50	.28
YD2857	22484	8	150	.29
YD2858	70871	8-5-5-4-12	150-25-25-150-150	1.50
YD2966		2	100	.27
YD2967	22483	2	350	.39

Stock No.	Mfrs. No.	Capy. Mfd.	Wkg. Volts	Your Cost
<b>RCA-VICTOR</b>				
YD2859	64570-1	4	450	.30
YD2860	64570-7	25	200	.55
YD2861	64460-3	4	200	.28
YD2862	66126-2	4-4	300	.49
	7589			
YD2863	66143-3	4-4	450-150	.45
YD2864	66122-2	4-4	250	.38
	6492			
YD2865	66140-4	1-3-6	225-100	.33
	3536			
YD2866	66140-2	5-5	35	.27
	6555			
YD2867	66143-2	10-4	300-150	.55
YD2868	66140-8	8	160	.33
YD2869	66174-1	4-4-4	140-220-140	.62
YD2885	66174-1	4-4-4	140-220-140	
		15-4-4	20-140-180	1.35
YD2886	66140-6	8	150	.35
YD2887	66185-1	5-5-8-8	40-40-230	.95
			380	.95
YD2888	66139-1	4	25	.21

Stock No.	Mfrs. No.	Capy. Mfd.	Wkg. Volts	Your Cost
<b>RCA-VICTOR (Cont.)</b>				
YD2889	66189-2	8-4-4-4	325-140-280-20	\$0.81
YD2890	66171-1	8-8-4-10-8-8	225-150-150-150	1.59
YD2891	66170-2	10-10	350-100	.55
YD2892	66196-1	8	450	.37
	6661			
YD2893	66185-2	5-5-8-8	40-420	.85
YD2894	66197-11	4	150	.28
YD2895	68519-4	4-8	450	.58
YD2896	68505-3	8-8	450	.59
YD2897	68526-1	8	250	.38
YD2898	66139-2	4	25	.21
YD2899	68531-2	10-8-4	50-200-450	1.10
YD2900	68527-2	10-10-4	225-150-200	.70
YD2901	66143-3	4-4	450-150	.45
YD2902	66160-2	8-4-10	175-175-25	.55
YD2930	66155	4-4-10-4	300-300-6482	1.50
YD2934	66197-2	5-5	50	.32
YD3837	66140	4-4	175	.50
	3538			
YD3838	66160	8-8	250-175	.73
	6518			
YD3839	6535	4-4	250-300	.68
YD3840	66189	8-4-4	350-450-300	.95
	6703			

Stock No.	Mfrs. No.	Capy. Mfd.	Wkg. Volts	Your Cost
<b>R.K. RADIO LABS.</b>				
YD2718	Radio Keg	12-8-5	150-25	.98
<b>SHELBOURNE</b>				
YD2902		8-8	300-35	.55
<b>SPARTON</b>				
YD2935	A9550	5-5-25	150	1.30
<b>STEWART WARNER</b>				
YD3841	81698	5-5	25	.40
YD3842	83111	8-8-5-5	25-25-25-25	1.18

Stock No.	Mfrs. No.	Capy. Mfd.	Wkg. Volts	Your Cost
<b>TATRO</b>				
YD2903		10	40	.35
<b>U.S. RADIO &amp; TELEV. (Apex)</b>				
YD3843	6201	4-4-12	200	1.08
<b>WELLS GARDNER (MONTGOMERY WARD)</b>				
YD2905	80939	8-16	300	.75
YD2906	80995	8	25	.25
YD2907	81021	12-12	25	.35
YD2908	81016	8-8	300	.60
YD2939	80984B	16-6	475-150-350	1.35
		4-8	100	1.35
YD3844	80944E	4-12-16	150	1.18
YD3099	80944C	4-12-15	150-150-160	.60

Stock No.	Mfrs. No.	Capy. Mfd.	Wkg. Volts	Your Cost
<b>WURLITZER</b>				
YD2909	Y-3052-R	10	25	.25
<b>ZENITH</b>				
YD2911		6	300	.29
YD2912	22-189	20	25	.25
YD3010	22-236	8-8-10	300-300-25	.75
YD3006	525P	5-25-5	100	.98
YD3011	22-230	8-8	450	.90

**CROSLY "Fiver" 167**

Part number W-27488, used in early models. Contains 1-6 mfd. 300 volt and 1-8 mfd. 25 volt sections.

**YD2804—Your Cost Each 42¢**

Same as above, for late models. Part No. W-27488-A has 6 mfd. 400 volt and 8 mfd. 25 volt sections.

**YD2805—Your Cost Each 47¢**

**Majestic "Pirate Chest" 380, 381 Condenser**

Genuine Part No. 8755. Contains one 8 mfd. and one 4 mfd. 450 volt sections. Solder lug terminals. Shpg. wt. 1 lb.

**YD2823—Your Cost Each 55¢**

**RCA-Victor Condenser Models R-17M, R-18-W, R-27, 330 and 331**

Part No. 3536; 66140-2. Contains two 5 mfd. 35 volt sections. Tubular type with long wire leads for direct connections in chassis. Shpg. wt. 1 lb.

**YD2866—Your Cost 27¢**

**Special Condenser in Cardboard Container**

Used in many midget sets. Contains 1-14 mfd. 200 V. peak, 1-8 mfd. 200 V. peak, and 2-10 mfd. 35 V. peak sections. Cardboard container for inverted mounting. 4" high, 1½" diameter. Color coded leads.

**YD2719—Your Cost 75¢**

**We Will Not Knowingly Be Undersold**

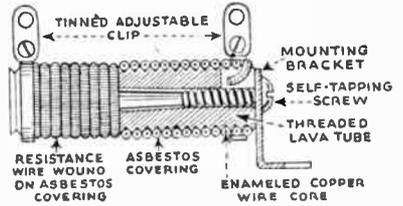


# ELECTRAD *Truvolt* RESISTORS



## TRUVOLT Adjustable Resistors

Now, beside the incorporation of a new 10-watt line, many new improvements and still greater advantages are to be gained through the use of this time-tested product. The adjustable clip has been redesigned to afford more effective resistance and unique end brackets are supplied with each B, C, and D type resistor. A new protective insulating sleeve is supplied with each resistor. There is now greater insulation (1000-volt insulation) to heat conducting copper core. Self-tapping screws are supplied to fit inside diameter of tube.



TYPE A—10 WATTS 3/8" x 1 1/2"				TYPE B—25 WATTS 2" Long				TYPE C—50 WATTS 4" Long				TYPE D—75 WATTS 6" Long			
Stock No.	Resistance in Ohms	Current M.A.	Your Cost	Stock No.	Resistance in Ohms	Current Milli-amperes	Your Cost	Stock No.	Resistance in Ohms	Current Milli-amperes	Your Cost	Stock No.	Resistance in Ohms	Current Milli-amperes	Your Cost
YG7150	1	3150		YG7212	100	3150		YG7246	100	700		YG7281	100	865	
YG7151	2	2200		YG7213	200	353		YG7247	200	500		YG7282	200	610	
YG7153	3	1800		YG7215	300	289		YG7248	300	406		YG7283	300	500	
YG7155	7.5	1150		YG7216	400	250		YG7249	400	353		YG7284	400	432	
YG7156	10	1000		YG7217	500	224		YG7250	500	316		YG7285	500	387	
YG7157	15	815		YG7218	750	182		YG7251	750	259		YG7286	750	316	
YG7159	25	630		YG7219	800	177		YG7253	1000	224		YG7288	1000	274	
YG7160	30	570		YG7221	1000	158		YG7255	1500	182		YG7289	1250	245	
YG7161	50	450		YG7222	1250	141		YG7256	2000	158		YG7290	1500	224	
YG7162	75	360		YG7223	1500	129		YG7258	2500	141		YG7291	2000	194	
YG7163	100	315		YG7224	2000	112		YG7259	3000	129		YG7293	2500	173	
YG7164	200	220		YG7226	2500	100		YG7260	3500	119		YG7294	3000	158	
YG7165	300	180		YG7227	3000	91		YG7261	4000	112		YG7296	4000	137	
YG7166	400	158		YG7228	3500	84		YG7262	4500	105		YG7298	5000	122	
YG7167	500	141		YG7229	4000	79		YG7263	5000	100		YG7299	6000	112	
YG7168	800	112		YG7230	4500	75		YG7264	6000	91		YG7300	7000	103	
YG7169	1000	100		YG7231	5000	71		YG7265	7000	84		YG7302	7500	100	
YG7170	1250	89		YG7232	6000	64		YG7267	7500	82		YG7303	8000	97	
YG7171	1500	81		YG7233	7000	60		YG7269	9000	74		YG7304	9000	19	
YG7172	2000	70		YG7235	7500	58		YG7270	10000	71		YG7305	10000	87	
YG7173	2500	63		YG7237	9000	53		YG7271	12000	65		YG7306	12000	79	
YG7174	3000	56		YG7238	10000	50		YG7272	15000	58		YG7307	15000	71	
YG7175	4000	50		YG7239	12000	45		YG7273	20000	50		YG7308	20000	61	
YG7176	5000	45		YG7240	15000	41		YG7274	25000	45		YG7309	25000	55	
YG7177	7500	36		YG7241	20000	35		YG7275	30000	41		YG7310	30000	50	
YG7178	10000	31		YG7242	25000	32		YG7276	40000	35		YG7311	40000	43	
YG7179	15000	26		YG7243	30000	29		YG7277	50000	32		YG7312	50000	39	
YG7180	20000	20		YG7244	40000	25		YG7278	60000	29		YG7313	60000	35	
YG7181	25000	16		YG7245	50000	22.5		YG7279	80000	25		YG7314	80000	31	
YG7632	Extra Sliders for Type A. Your Cost, 50c per Doz. Each. <b>5c</b>			YG7633	Extra Sliders for Types B, C and D. Your Cost, Each. <b>5c</b> Per Dozen. <b>50c</b>			YG7280	100000	22.5		YG7315	100000	27	

### ELECTRAD

**Variable Voltage Dividers**  
13,000 Ohms—50 Watts  
Has 4 sliding taps. **76c**  
YG7318—Your Cost. **76c**  
25,000 Ohms—50 Watts  
Also has 4 variable taps. **76c**  
YG7319—Your Cost. **76c**  
25,000 Ohms—75 Watts  
Special Heavy Duty tapped voltage divider. Has 4 sliding contacts. **1.25**  
YG7320—Your Cost. **1.25**  
41,000 Ohms—75 Watts  
Ideal for Public Address and Phonograph amplifiers. Has 6 sliding contacts for all necessary voltages. Shpg. wt. 8 oz. **1.40**  
YG7321—Your Cost. **1.40**

### Line Cord Resistors

YE5241—2 tube sets. 360 ohms.  
YE5242—4 tube sets using 6 volt rectifier. 810 ohms.  
YE5329—4 tube sets using a 12 volt rectifier. 280 ohms.  
YE5330—4 tube sets using a 25 volt rectifier. 200 ohms.  
YE5331—5 tube sets. 160 ohms.  
YE5332—6 tube sets. 150 ohms.  
Your Cost Each, **32c**  
Any Type.

### ELECTRAD Precision Wire Wound 1 Watt Resistors

One watt precision wire wound resistors accurate to within plus or minus 1%. Each resistor individually bridge tested. Particularly suited for use as multipliers with voltmeters and other laboratory test instruments. Highest quality enameled wire insures against shorted turns and contributes to lower distributed capacity because of heavier insulation between turns. Non-inductive winding impregnated with moisture proof compound. Resistors supplied less ferrules for pigtail mounting, ferrules, extra, as priced below.

#### Ferrule Type

Convert the above to screw terminals. Ferrules only.  
YE5001—Your Cost, Per Pair **15c**

Stock No.	Res. Ohms	Current M.A.	Your Cost	Stock No.	Res. Ohms	Current M.A.	Your Cost
YE5002	1	1225		YE5020	25000	7.7	
YE5003	5	548		YE5021	30000	7	
YE5004	10	387		YE5022	35000	6.5	
YE5005	25	245		YE5023	40000	6.1	
YE5006	50	173		YE5024	50000	5.5	
YE5007	100	122		YE5025	60000	5	
YE5008	150	100		YE5026	75000	4.4	
YE5009	200	86		YE5027	100000	3.8	
YE5010	500	55		YE5028	125000	3.4	
YE5011	1000	38		YE5029	150000	3.1	
YE5012	2500	24		YE5030	175000	2.9	
YE5013	4500	18		YE5031	200000	2.7	
YE5014	5000	17		YE5032	225000	2.5	
YE5015	7500	14		YE5033	250000	2.4	
YE5016	10000	12		YE5034	300000	2.2	
YE5017	12500	11		YE5035	400000	2.2	
YE5018	15000	10		YE5036	500000	1.5	
YE5019	20000	8.6		YE5037	750000	1.0	
				YE5038	1 Meg.	1.0	

### Standard Filament Drop Resistors for A.C. to D.C. Conversions

Heavy duty resistors for use as line ballasts in D.C. receivers and amplifiers. Can also be used for other purposes provided rating is not exceeded.

**Type A**—20-Ohm Edison Base resistor rated at 60 watts. Shpg. wt. 3 lbs. **YX20719—Your Cost... 75c**

**Type B**—60-ohm, 200-watt resistor. Will stand considerable overload. Size 8 1/2 x 7". Shpg. wt. 3 lbs. **YX20720—Your Cost... 95c**

Similar to the above, but 60 ohms, 300 watts. Size 11 1/2 x 7". Shpg. wt. 4 lbs. **YX20721—Your Cost... 98c**

### C. T. Resistors

Small, compact and covered by a coating of moisture-proof enamel. Accuracy 1%. Sizes: 10, 15, 20, 30, 50, 75, 100 and 200 ohms. **YG7322—Your Cost Each. 15c**

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# Trutest Carbon Resistors

## GENERAL REPLACEMENT RESISTORS

All absolutely moisture proof and will stay permanent regardless of atmospheric conditions.

**TRUTEST RESISTORS** are R.M.A. Color Coded for easy identification and are made of the finest material and workmanship. **Guaranteed accuracy, 10% plus or minus.** The average are within 5%. Resistance values read approximately the same at any normal voltage—most important for resistance service work. No moisture can possibly penetrate, so age cannot change the resistance value. Great mechanical strength eliminates any chance of accidental breakage.

**PRECISION MANUFACTURING**—Carefully calibrated resistance material is moulded in a solid form and fired at a high temperature so that no ordinary service or overload temperature can damage the resistor wire. Tinned leads are forced onto the metal sprayed ends under great pressure.

### Handy Resistance Kits With R.M.A. Color Coded Resistors



These kits are just the thing for shop or tool kit. They consist of a selection of TRUTEST R.M.A. Color Coded Resistors, neatly mounted on a pair of strips. Have hole at one end for hanging on a nail or hook. By refilling them from our regular Trutest stock as they are used, you are equipped with a complete range of resistances at all times. R.M.A. COLOR CODE CHART SENT WITH EACH STRIP.

#### 1/2-Watt Kits

**Two Strips (20 Resistors to a kit)**

**YE4435**—One each of the following (20 in all), 200, 400, 500, 600, 700, 800, 1250, 1500, 2000, 2500, 3000, 3500, 4000, 5000, 6000, 7500, 8000, 10000, 12500 and 15000 ohms.

**YE4436**—One each of the following resistances (20 in all), 17500, 20000, 25000, 30000, 40000, 50000, 60000, 70000, 75000, 100000, 125000, 150000, 200000, 250000, 300000, 500000, 1 Meg., 1 1/2 Meg., 2 Meg., 2 1/2 Meg.

**Your Cost Each, Either Kit..... 95¢**

#### 1-Watt Kits

**Two Strips (20 Resistors to a kit)**

**YE4430**—One each of the following (20 in all), 200, 400, 500, 600, 800, 1000, 1500, 2000, 2500, 3000, 4000, 5000, 6000, 8000, 10000, 12500, 15000, 17500, 20000, 25000 ohms.

**YE4431**—One each of the following resistances (20 in all), 30000, 40000, 50000, 60000, 75000, 100000, 125000, 250000, 500000, 750000 ohms; 1, 1.5, 2, 3, 4, 5, 6, 7, 8 and 10 Meg.

**Your Cost Each, Either Kit..... \$1.10**

### Trutest Ohm Indicator

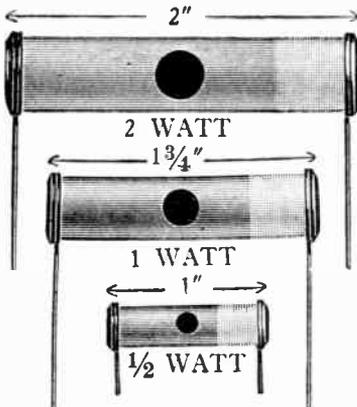
Handy—Reliable



Range 0-100,000 Ohms

Unit is wire wound on a vitreous enameled Isolantite tube, and is calibrated from 0 to 100,000 ohms. Comes with test prod and test clips. May also be used as a temporary voltage divider, volume control, etc. In use, test clips are fastened on the ends of the defective resistor, and prod is run up the scale until the best reception is obtained, resistor of same value is then substituted. Shpg. wt. 2 lbs.

**YE4997—Your Cost..... \$1.45**



Resis. Ohms	1/2-Watt Stock No.	1-Watt Stock No.	2-Watt Stock No.
200	YE4250	YE4300	YE4450
300	YE4251	YE4348	
400	YE4251	YE4301	YE4451
500	YE4252	YE4302	YE4452
600	YE4253	YE4303	YE4453

700	YE4254	YE4304	YE4454
800	YE4255	YE4305	YE4455
1000	YE4256	YE4306	YE4456
1250	YE4257	YE4307	YE4457
1500	YE4258	YE4308	YE4458

2000	YE4259	YE4309	YE4459
2500	YE4260	YE4310	YE4460
3000	YE4261	YE4311	YE4461
3500	YE4262	YE4312	YE4462
4000	YE4263	YE4313	YE4463

5000	YE4264	YE4314	YE4464
6000	YE4265	YE4315	YE4465
7000	YE4266	YE4316	YE4466
7500	YE4267	YE4317	YE4467
8000	YE4268	YE4318	YE4468

9000	YE4269	YE4319	YE4469
10000	YE4269	YE4319	YE4469
12000	YE4270	YE4320	YE4470
15000	YE4271	YE4321	YE4471
17000	YE4272	YE4322	YE4472

1/2-Watt, Your Cost Each..... **5¢**  
Per Dozen 55¢ Per 100 \$4.25

1-Watt, Your Cost Each..... **6¢**  
Per Dozen 65¢ Per 100 \$5.00

Resis. Ohms	1/2-Watt Stock No.	1-Watt Stock No.	2-Watt Stock No.
20000	YE4273	YE4323	YE4473
25000	YE4274	YE4324	YE4474
30000	YE4275	YE4325	YE4475
40000	YE4276	YE4326	YE4476
50000	YE4277	YE4327	YE4477

60000	YE4278	YE4328	YE4478
70000	YE4279	YE4329	YE4479
75000	YE4280	YE4330	YE4480
100000	YE4281	YE4331	YE4481
125000	YE4282	YE4332	YE4482

150000	YE4283	YE4333	YE4483
200000	YE4284	YE4334	YE4484
250000	YE4285	YE4335	YE4485
300000	YE4286	YE4336	YE4486
400000	YE4287	YE4337	YE4487
500000	YE4287	YE4337	YE4487
750000	YE4298	YE4353	

Megohms	1/2-Watt Stock No.	1-Watt Stock No.	2-Watt Stock No.
1	YE4288	YE4338	
1.5	YE4248	YE4351	
2	YE4289	YE4339	
2.5	YE4249	YE4352	
3	YE4290	YE4340	
4	YE4291	YE4341	
5	YE4292	YE4342	
6	YE4293	YE4343	
7	YE4294	YE4344	
8	YE4295	YE4345	
9	YE4296	YE4346	
10	YE4297	YE4347	

2-Watt, Your Cost Each..... **10¢**  
Per Dozen \$1.10 50 for \$4.50

**FREE:** With each purchase of 3 or more Trutest carbon resistors, a serviceable pocket size R.M.A. color code chart. Saves time and avoids errors.

**\$1.75**  
Net



R.M.A. Color Coded Resistors in Sturdy Metal Box with Hinged Cover

Free! Color Code Chart

## Trutest Carbon Resistor Kits

For the Serviceman's Tool Kit or Workbench

**Twenty-five Certified Trutest R.M.A. color coded 1-watt resistors** in a neat and durable finished metal case measuring 4 1/2 x 6 1/4 x 3/4" deep. The handiest arrangement ever devised for the serviceman. Over a thousand ranges possible by different combinations of these units. Kit contains one each of the following high grade resistors:

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
200	1000	10000	30000	100000	
400	2000	12500	40000	250000	
500	3000	15000	50000	500000	
700	4000	20000	60000	1 Meg.	
800	6000	35000	75000	2 Meg.	

**YE4432—Shpg. wt. 1 1/4 lbs. \$1.75**  
Your Cost per Kit.....

**Forty-eight Certified Trutest R.M.A. color coded resistors** of the most popular sizes in a substantial metal case. Size 10 1/4 x 4 1/4 x 3/4" deep. Contains one each of the following high grade resistors: All 1 watt.

Ohms	Ohms	Ohms	Ohms
1- 200	1- 3000	1- 20000	1-125000
2- 400	2- 4000	2- 25000	1-250000
2- 500	2- 5000	1- 30000	2-500000
1- 600	1- 6000	1- 40000	1-750000
1- 800	1- 8000	2- 50000	2-1 Meg.
2-1000	2-10000	1- 60000	1-1 1/2 Meg.
1-1500	1-12500	1- 75000	2-2 Meg.
2-2000	1-17500	3-100000	1-3 Meg.
1-2500	1-15000		

**YE4433—Shipping Weight 2 1/4 lbs. \$2.95**  
Your Cost per Kit.....

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# Trutest Vitreous Enamel RESISTORS

## Trutest FIXED RESISTORS



Guaranteed to be within plus or minus 10% of their rated value, most are within 5%. All are non-porous, dissipate heat rapidly, have positive lug contacts and do not change in resistance value. Contact lugs are of Monel Metal. Each resistor is individually marked.

1/2x1 1/4" Isolantite Tube 10-Watt Rating				1/2x2" Isolantite Tube 20-Watt Rating					
Stock No.	Ohms	Milli-amps.	Volts	Your Cost	Stock No.	Ohms	Milli-amps.	Volts	Your Cost
YE4850	1	3150	3		YE4910	25	895	22	
YE4851	2	2200	4.5		YE4911	50	633	32	
YE4854	5	1400	7		YE4912	75	517	38	
YE4856	10	1000	10		YE4913	100	447	44	
YE4858	15	800	12		YE4915	200	316	63	
YE4859	20	700	14		YE4916	250	282	70	
YE4860	25	630	16		YE4917	300	258	77	
YE4861	30	570	17		YE4919	400	224	90	
YE4863	40	500	20		YE4920	500	200	100	
YE4864	50	450	22		YE4923	750	163	122	
YE4866	100	315	31		YE4925	850	153	130	
YE4868	150	260	39		YE4926	1000	141	141	
YE4869	200	220	45		YE4929	1250	126	157	
YE4870	250	200	50		YE4930	1500	115	173	
YE4872	400	158	63		YE4933	2000	100	200	32c
YE4873	500	141	70		YE4934	2250	94	211	
YE4875	750	115	85		YE4935	2400	91	218	
YE4876	1000	100	100		YE4936	2500	89	222	
YE4878	1500	81	122		YE4938	3000	81	240	
YE4879	2000	70	141		YE4940	4000	71	284	
YE4880	2500	63	168		YE4942	5000	63	315	
YE4881	3000	56	173		YE4943	6000	57	342	
YE4883	5000	45	222		YE4946	8000	50	400	
YE4886	10000	31	315		YE4947	10000	44	440	
YE4888	15000	26	388		YE4948	12500	40	500	
YE4889	20000	22	440		YE4949	15000	37	550	
YE4890	25000	20	500		YE4950	25000	28	700	
					YE4951	35000	24	850	37c
					YE4952	50000	22	1000	
					YE4953	75000	19	1150	
					YE4954	100000	16	1250	49c

Wattage ratings taken with one foot of free air circulating around unit.

20c  
List Price Each 40c

54c

54c

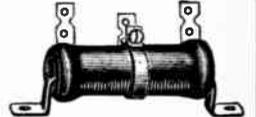
32c

37c  
49c

61c

70c

## Trutest SEMI-VARIABLE RESISTORS



The most practical replacement voltage dividers obtainable. Just set the sliders to the desired point and you have a made-to-order voltage divider. Adjustable lugs have small contact buttons so that several taps may be used without shorting out much resistance. Each unit equipped with one sliding contact.

25 Watts (2" Long x 1/2" O. D.)				50 Watts (4" Long x 1/2" O. D.)			
Stock No.	Resist.	Max. List Price	Your Cost	Stock No.	Resist.	Max. List Price	Your Cost
YX20740	15000	\$0.85		YX20770	100	700	\$1.30
YX20741	23500	.85		YX20771	200	500	1.30
YX20742	32800	.85		YX20772	300	406	1.30
YX20743	52225	.85		YX20773	400	353	1.30
YX20744	101500	.85		YX20774	500	316	1.30
YX20745	201100	.85		YX20775	800	252	1.30
YX20746	50700	.85		YX20776	1000	224	1.30
YX20747	100500	.85		YX20777	1500	182	1.30
YX20748	200353	.85	42c	YX20778	2000	158	1.30
YX20750	500224	.85		YX20779	2500	141	1.30
YX20751	750182	.85		YX20780	3000	129	1.30
YX20752	800177	.85		YX20781	4000	112	1.30
YX20753	1000158	.85		YX20782	5000	100	1.30
YX20754	1500129	.85		YX20783	6000	91	1.45
YX20755	2000112	.85		YX20784	7000	84	1.45
YX20757	2500100	.85		YX20785	8000	79	1.45
YX20759	400079	.85		YX20786	9000	74	1.60
YX20760	500071	.85		YX20787	10000	71	1.60
YX20761	600064	.85		YX20788	12000	65	1.60
YX20762	700060	.85		YX20789	15000	58	1.75
YX20763	800056	.85	46c	YX20790	20000	50	1.80
YX20765	1000050	.85		YX20791	25000	45	1.80
YX20795	1500041	.85		YX20792	30000	41	1.85
YX20796	2000035	.85		YX20793	40000	35	1.90
YX20797	2500032	.85	54c	YX20794	50000	32	1.95

66c

73c

83c

6" Long x 1/2" O. D.—75 Watts				6" Long x 1/2" O. D.—75 Watts			
Stock No.	Resist.	Max. List Price	Your Cost	Stock No.	Resist.	Max. List Price	Your Cost
YX20800	100	865	\$1.75	YX20812	5000	122	\$1.75
YX20801	200	610	1.75	YX20813	6000	112	1.75
YX20802	300	500	1.75	YX20814	7000	103	1.85
YX20803	400	432	1.75	YX20815	7500	100	1.90
YX20804	500	387	1.75	YX20816	10000	87	2.10
YX20805	750	316	1.75	YX20817	15000	71	2.30
YX20806	1000	274	1.75	YX20818	20000	61	2.30
YX20807	1500	224	1.75	YX20819	25000	55	2.45
YX20808	2000	194	1.75	YX20820	30000	50	2.50
YX20809	2500	173	1.75	YX20821	40000	43	2.55
YX20810	3000	158	1.75	YX20822	50000	39	2.60
YX20811	4000	137	1.75	YX20823	100000	27	2.75

Extra sliders to fit any of the above resistors. YX20825—Your Cost Each 5c

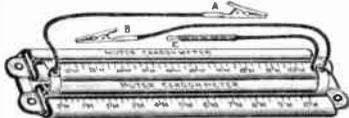
## Trutest 5 and 10 Watt Resistors Wire Wound Tolerance Within 2%



These Trutest resistors are wound with genuine nichrome wire on fine ceramic tubes. Guaranteed accuracy 2%; most are within 1%. Have tinned pigtail wire leads in addition to specify size desired.

1% of their rated value, the solder lug terminals.	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
5	50	250	800	1500	2750	7000	15000
10	75	400	900	1750	3000	8000	17500
15	100	500	1000	2000	4000	9000	20000
20	150	600	1100	2250	5000	10000	22500
25	200	750	1250	2500	6000	12500	25000

YE4438—TRUTEST 5-Watt Resistors Your Cost Each, Any Size **18c**  
YE4439—TRUTEST 10-Watt Resistors Your Cost Each, Any Size **21c**

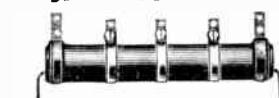


## MUTER Candohmeter Resistance Indicators

Has two scales, upper to determine approximate value, lower to permit more accurate reading within that range. May be used as a calibrated resistor for experimental work, as well as for determining value of proper resistance to replace in a circuit. Supplied with insulated test prods. Available in two sizes.

YE4896—0-10,000, and 0-100,000 ohms. Shpg. wt. 2 lbs. **\$1.18**  
List \$2.00. Your Cost **\$1.03**  
YE4897—0-100 and 0-1,000 ohms. Shpg. wt. 2 lbs. **\$1.03**  
List \$1.75. Your Cost

## Trutest Universal Vitreous Enameled Voltage Dividers



Can be used in 90% of Receivers

Wound with the finest kind of resistance wire on porcelain tubes coated with vitreous enamel except for a narrow strip along the side where the sliders make contact. Come complete with easily attached mounting brackets. Shpg. wt. 1 lb.

Equipped with 4 Variable Taps, 50 Watts—3/4x4" long		Equipped with 5 Variable Taps, 75 Watts—3/4x6" long	
YX20728	13000 ohms	YX20732	25000 ohms
YX20729	15000 ohms	YX20733	36000 ohms
YX20730	18000 ohms	YX20734	41000 ohms
YX20731	25000 ohms	YX20735	45000 ohms

99c

\$1.25

## Trutest Filament and C.T. Resistances

Center Tap Resistances Wire-wound elements; dependable and extremely durable construction. Elements accurately rated in all cases. Tapped at the electrical center. Center tap has lug to facilitate making connections. Small convenient mounting lugs. Available in 10, 20, 30, 40, 50, 60, 100, 200 ohms. State value. YD3999—Your Cost Each **8c**

## Trutest Filament Resistances (No Center Tap)

For filament circuit use, but no tap. Supplied in the following resistance values: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 25, 30, 40, 50, and 60 ohms. State size desired when ordering. YD3997—Your Cost Each **7c**  
Resistance values of 100, 200, 300, 400, 500, 600, 700, 800, 900, 1,000 and 1,500 ohms. YD3998—Your Cost Each **8c**

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# POWER CONTROLS & RESISTORS

## ELECTRAD Power Rheostats

Fully protected by a vitreous enamel coating. Ruggedly designed and constructed for long life at rated current loads. Shaft and bushing insulated from the contact arm. Contact shoe, of special metal graphite composition, contacts wire-wound element on the outside diameter. This insures smooth, noiseless action. Applicable for speed controls, and as general voltage controls. Shpg. wt. 3 lbs.



### 150-Watt Size

Stock No.	Res. Ohms	Cur. Amp.	Stock No.	Res. Ohms	Cur. Amp.
YG7876	25	2.4	YG7882	150	1.0
YG7877	35	2.0	YG7883	200	.87
YG7878	50	1.7	YG7884	250	.77
YG7879	75	1.4	YG7885	300	.70
YG7880	100	1.2	YG7886	500	.55
YG7881	125	1.1			

List Price \$9.00  
Your Cost, Any Size. **\$5.29**

### 50-Watt Size

Stock No.	Res. Ohms	Cur. Amp.	Stock No.	Res. Ohms	Cur. Amp.
YG7870	100	.70	YG7873	300	.41
YG7871	150	.58	YG7874	500	.31
YG7872	200	.50	YG7875	1000	.22

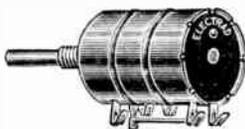
List Price \$4.50  
Your Cost, Any Size. **\$2.64**

## Super T Pad Attenuator



A brand new line of constant impedance attenuators of the tap switch variety, utilizing self-cleaning contacts that are noiseless in operation over long periods of time. The resistor elements are wire-wound and maintain their calibration; are non-inductive, low capacitive and absolutely quiet. Even attenuations are obtained up to 44 db in 4 db steps. Will carry 8 watts of signal energy safely. Shpg. wt. 3 lbs. YG7710—200 ohms impedance. YG7711—500 ohms impedance. Your Cost, Either Type **\$7.35**

## ELECTRAD T Pad Attenuator



A network of three resistances housed in a large moisture-proof case. Two sections offer constant resistance to the input and output circuits while a tapered section provides smooth attenuation of the volume level.

Stock No.	Res. Ohms	Stock No.	Res. Ohms
YG7714	2	YG7706	200
YG7715	8	YG7707	500
YG7705	15	YG7708	3000
YG7712	50	YG7709	5000

Your Cost, Any Size **\$2.06**

## L Pad Attenuator

Similar to the above, but two elements which provide constant resistance to the line. For individual control of speakers.

Stock No.	Res. Ohms	Stock No.	Res. Ohms
YG6799	8	YG7702	500
YG7700	15	YG7703	3000
YG7713	50	YG7704	5000
YG7701	200		

Your Cost, Any Size **\$1.47**

## CRL Gain and Fader Controls



Maximum load one watt. Dial and knob furnished. Gain control case diameter 2 3/4". Straight fader case diameter 2 3/4". Depth of gain control 2 3/4". Depth of straight fader 1 3/4". Both well built, positively reliable controls for P.A. use.

Attenuation	Stock No.	Res. Ohms	Your Cost
50 db per control.	YH8661	1/2 megohm	<b>\$2.94</b>
1 megohm	YH8662	1 megohm	<b>\$2.94</b>

Straight Fader  
For crystal or high impedance pickup.  
YH8663—500,000 ohms **\$4.12**  
YH8664—50,000 ohms **\$4.12**  
Your Cost

## ELECTRAD Variohms



High wattage resistors for use as bleeders or voltage dividers. Vitreous enamel coating; tinned monel metal lugs. Furnished with one variable slider and mounting brackets. Specify resistance desired.

100 Watt Rating (Max.)—Size 1x7"					
Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
YG7600	1000		YG7605	6000	
YG7601	2000		YG7606	8000	
YG7602	3000	1.18	YG7607	10000	1.32
YG7603	4000		YG7608	15000	
YG7604	5000		YG7609	20000	
YG7634—Extra Sliders		Your Cost		9c	
YG7610	25000		YG7611	35000	
YG7611	35000		YG7612	40000	1.47
YG7612	40000		YG7613	50000	
YG7613	50000		YG7614	60000	
YG7614	60000		YG7615	75000	1.62
YG7615	75000				
200 Watt Rating (Max.)—Size 1 1/2 x 10 1/2"					
Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
YG7616	500		YG7621	3000	
YG7617	1000		YG7622	5000	1.76
YG7618	1500	1.76	YG7623	10000	
YG7619	2000		YG7624	20000	2.06
YG7620	2500		YG7625	25000	
YG7635—Extra Sliders		Your Cost		9c	
YG7626	35000		YG7627	35000	
YG7627	35000		YG7628	60000	2.06
YG7628	60000		YG7629	75000	
YG7629	75000		YG7630	80000	
YG7630	80000		YG7631	100000	

## IRC 100 Watt X'mitting Resistors

Accurately wound on non-hygroscopic ceramic bases and protected by the new IRC cement coating. Tolerance plus or minus 5%. Comes with brackets. Size 6 1/4 x 1 1/2" diameter.

Stock No.	Res. Ohms	Cur. M.A.	Your Cost	Stock No.	Res. Ohms	Cur. M.A.	Your Cost
YE5217	100	1000		YE5227	4000	155	88c
YE5218	250	632		YE5228	5000	140	
YE5219	400	500		YE5229	7500	115	
YE5220	500	447		YE5230	10000	100	1.03
YE5221	750	365	88c	YE5231	15000	80	
YE5222	1000	315		YE5232	20000	70	
YE5223	1250	280		YE5233	25000	63	
YE5224	1500	220		YE5234	50000	44	1.18
YE5225	2000	220		YE5235	75000	36	1.32
YE5226	2500	200		YE5236	100000	31	1.47

## IRC Cement Coated Adjustable Resistors 100 Watt Size (Max.)

Have same construction features as the fixed units listed above, but have an exposed track of resistance wire so that any resistance desired may be secured by moving the contact band along the track. Come complete with one slider and mounting brackets. Size 6 1/2 x 1 1/2".



Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
YE5104	100		YE5110	1500	
YE5105	200		YE5111	2000	1.32
YE5106	400	1.18	YE5112	2500	
YE5107	500		YE5113	5000	
YE5108	750		YE5114	7500	
YE5109	1000		YE5115	10000	1.32
YE5103—Extra Band Sliders		Your Cost	YE5116	15000	
			YE5117	20000	1.32
			YE5118	25000	
			YE5119	50000	1.47
			YE5120	75000	1.62
			YE5121	100000	1.62

## Power and Super-Power Clarostats

Heavy duty variable resistors for receivers, x'mitters, etc. Power Clarostats will handle 80 watts; Super-Power Clarostats will handle 250 watts.



Power Super-Power	Stock No.	Res. Ohms	Your Cost
	YF6831	1/2	10
	YF6832	25-500	
	YF6833	200-1 Meg.	

Power Clarostats **\$2.05**  
Your Cost Each  
Super-Power Clarostats **\$3.50**  
Your Cost Each

## BRADLEY Radiostats

Rugged in construction and provide accurate control.



Type E2111—Resistance 4 to 150 ohms. Capacity 1/2 K.W. Shpg. wt. 5 lbs.  
YH14128—**\$5.42**  
Your Cost Each  
Type E210—4 to 150 ohms. Capacity 75 watts. Shpg. wt. 2 lbs.  
YH14129—**\$3.34**  
Your Cost Each  
Type E210—Radioleak: Variable grid leak. Range: 5,000 to 30,000 ohms. Shpg. wt. 2 lbs.  
YH14130—**\$4.17**  
Your Cost Each

## Filtermatic Octave Tone Control

Grid circuit type; no danger of breakdown. Capacity varied from 50 mmfd. to .006 mfd. in seven gradual steps.  
YF6840—**39c**  
Your Cost Each  
Same as above, with switch  
YF6841—Your Cost Each **58c**  
Table Model—Control mounted in metal case with crystalline finish. Furnished with knob, long leads, and wafer adapters for 4 or 5 prong tubes. Shpg. wt. 1 lb.  
YF6839—**86c**  
Your Cost Each

## CENTRALAB Power Rheostats

Ideal for use as motor speed controls, charging rate regulators, etc. All metal frame and core insulated with treated asbestos. Made for three popular wattage ratings. Wire wound. Single hole mounting. Knob supplied. All 2" in diameter.



Stock No.	Res. Ohms	Stock No.	Res. Ohms
YH8977	2	YH8981	150
YH8978	6	YH8982	400
YH8979	15	YH8983	1000
YH8980	50	YH8984	5000

Your Cost Each **\$1.18**

Stock No.	Res. Ohms	Stock No.	Res. Ohms
YH8987	25	YH8990	500
YH8988	60	YH8991	1000
YH8989	150		

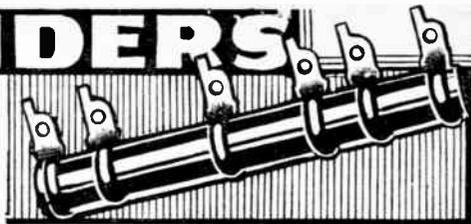
Your Cost Each **\$1.47**  
YH8992—5000 ohms **\$1.62**  
Your Cost

75-Watt Units  
YH8995 50 YH8998 500  
YH8996 150 YH8999 1000  
YH8997 300  
Your Cost **\$1.76**

NOTE—We can supply your needs for any special types of "L" or "T" Pad controls. Write giving complete specifications and we will quote lowest prices.

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# VOLTAGE DIVIDERS



In the listing below, only the most popular voltage dividers are shown. We can supply any divider not listed at the very lowest prices. Write giving name and model number of set, and we will quote immediately.

Name and Model	Resistance	Stock No.	Your Cost
<b>APEX</b>			
27.....	4700-8400-10700	<b>YX20411</b>	<b>\$.73</b>
<b>BOSCH</b>			
48.....	950-1450-2000	<b>YX20431</b>	<b>.60</b>
49.....	1650-800-1950	<b>YX20432</b>	<b>.60</b>
54 D.C.....	22 ohms	<b>YX20435</b>	<b>.27</b>
<b>BRUNSWICK</b>			
B-17, PR-17, A.....	1690-205-2140-3750-410	<b>YX20444</b>	<b>.19</b>
5-KR, 3-KR, 2-KR, etc.....	1600-1900-440	<b>YX20445</b>	<b>.49</b>
<b>COLONIAL</b>			
32 D.C.....	34.9 ohms	<b>YX20466</b>	<b>1.40</b>
36 D.C.....	1.83-17.6-68	<b>YX20463</b>	<b>.95</b>
<b>COLUMBIA (Kolster)</b>			
C-2, C-4.....	900-120-90	<b>YX20472</b>	<b>.60</b>
C-5, 961 (205).....	7200-60-90-700	<b>YX20473</b>	<b>.70</b>
931.....	6000-2200-135-700	<b>YX20479</b>	<b>.70</b>
950.....	9000-3200-140-70-700	<b>YX20481</b>	<b>.70</b>
950.....	30000-20000	<b>YX20482</b>	<b>.70</b>
980.....	6000-55-100	<b>YX20483</b>	<b>.70</b>
<b>EARL</b>			
31, 31S, 32, 32S, 41, 33, 33S.....	4000-0-750	<b>YX20491</b>	<b>.57</b>
<b>EDISON</b>			
R-1, R-2, C-2.....	12500	<b>YX20492</b>	<b>.49</b>
R-4, R-5, C-4.....	10000	<b>YX20493</b>	<b>.40</b>
R-1, R-2, C-2.....	750-750	<b>YX20494</b>	<b>.62</b>
<b>FADA</b>			
42, 44, 41, 46, 47.....	800-300-100	<b>YX20497</b>	<b>.65</b>
<b>FREED</b>			
78, 78S, 79, 79S, 90, 90S, 85, 65.....	4000-0-750	<b>YX20491</b>	<b>.55</b>
<b>FRESHMAN</b>			
N-11, N-12.....	2200-6600-3300-4500-1500	<b>YX20508</b>	<b>.59</b>
"G".....	2100-3000-4300-1250-300	<b>YX20509</b>	<b>.64</b>
<b>GRAYBAR</b>			
17.....	1690-205-2140-3750-410	<b>YX20444</b>	<b>.19</b>
500, 550.....	2800-900-3600-110 (No. 1)	<b>YX20563</b>	<b>.85</b>
311.....	1600-1900-440	<b>YX20445</b>	<b>.19</b>
<b>GREBE</b>			
SK-4.....	677-2200-62	<b>YX20515</b>	<b>.78</b>
SK-4.....	7000-10000-1500	<b>YX20516</b>	<b>.78</b>
<b>GULBRANSEN</b>			
AC-8.....	3100-9473-11250-150	<b>YX20520</b>	<b>.85</b>
<b>HAMMARIUND</b>			
Hi-Q 30.....	800-2000-1400-3000-2000	<b>YX20521</b>	<b>.78</b>
Hi-Q 31.....	2400-2800-1850-3750-850	<b>YX20522</b>	<b>.78</b>

Name and Model	Resistance	Stock No.	Your Cost
<b>KOLSTER</b>			
6J, 6K, 6R.....	3000-3000-220-900	<b>YX20538</b>	<b>\$0.68</b>
K-20, 22, 25, 27.....	840-60-220-3000-3000	<b>YX20540</b>	<b>.69</b>
K-24.....	3400-3800-55-80-140-360	<b>YX20541</b>	<b>.72</b>
K-43.....	1600-1000-380	<b>YX20544</b>	<b>.78</b>
<b>MAJESTIC</b>			
20.....	4125-750-0-770-158	<b>YX20550</b>	<b>.77</b>
<b>PHILCO</b>			
20, 20-A.....	1400-187-75-0-2470-975	<b>YX20553</b>	<b>.59</b>
76, 77, 77-A.....	800-250	<b>YX20555</b>	<b>.57</b>
76, 77, 77-A.....	2000-1500-1400	<b>YX20556</b>	<b>.61</b>
87.....	3785-157-0-640	<b>YX20557</b>	<b>.70</b>
<b>RCA-RADIOLA</b>			
17, 50.....	1690-205-2140-3750-410	<b>YX20444</b>	<b>.19</b>
18, 83, 51.....	1600-1900-440	<b>YX20445</b>	<b>.19</b>
30.....	2600-1400 (Resistor No. 1)	<b>YX20707</b>	<b>.19</b>
30-A.....	3000-2000-300-500-900	<b>YX20559</b>	<b>.19</b>
30-A.....	300 ohms	<b>YX20826</b>	<b>.19</b>
44.....	2800-900-3600-1100	<b>YX20563</b>	<b>.85</b>
44.....	500-0-1460-540-0-80	<b>YX20564</b>	<b>.19</b>
46, 47.....	2800-900-3600-1100	<b>YX20563</b>	<b>.85</b>
46, 47.....	1460-540-0-80	<b>YX20565</b>	<b>.19</b>
64.....	1280-4000-300-2200	<b>YX20566</b>	<b>.19</b>
64.....	1500-1000-250-130-160	<b>YX20567</b>	<b>.19</b>
64, 67.....	310-3850-310 (Bias)	<b>YX20568</b>	<b>.54</b>
66.....	4800 ohms (Plate)	<b>YX20514</b>	<b>.19</b>
67.....	1435-3400-300-2200	<b>YX20570</b>	<b>.49</b>
<b>SPLITDORF</b>			
"Abbey".....	8000	<b>YX20495</b>	<b>.33</b>
<b>STROMBERG</b>			
403-B.....	27-6	<b>YX20611</b>	<b>.70</b>
403-B.....	3000-2500	<b>YX20612</b>	<b>.70</b>
403-B.....	3000-70-700	<b>YX20613</b>	<b>.70</b>
635, 636.....	2500-3000-3000-770	<b>YX20614</b>	<b>.78</b>
403, 403-A.....	2500-3000-3000-70-700	<b>YX20647</b>	<b>.82</b>
641, 642, 652, 654.....	1450-4000-3000-1300	<b>YX20619</b>	<b>.78</b>
641, 642, 652, 654.....	7800-3200	<b>YX20620</b>	<b>.75</b>
<b>VICTOR</b>			
7-11, 7-25, 7-26.....	1690-205-2140-3750-410	<b>YX20444</b>	<b>.19</b>
9-18, 9-54.....	1280-4000-300-2200	<b>YX20566</b>	<b>.19</b>
9-18, 9-54.....	1500-1000-250-130-160	<b>YX20567</b>	<b>.19</b>
9-18, 9-54.....	310-3850-310 (Bias)	<b>YX20568</b>	<b>.54</b>
R-32, RF-45, R-52, RE-75.....	2000-1350-200-775	<b>YX20632</b>	<b>.50</b>
14, 15, 17.....	3200-830-120-715	<b>YX20639</b>	<b>.52</b>
<b>ZENITH</b>			
ZE-10, ZE-12, ZE-13, ZE-15, ZE-16 Power Units.....	6000-7800-8000-2500	<b>YX20635</b>	<b>.70</b>
ZE-18 Power Unit.....	13000-11000-9500-1800	<b>YX20636</b>	<b>.90</b>
ZE-50, ZE-60, ZE-70 Series Power Units.....	2800-2350-850	<b>YX20638</b>	<b>.70</b>

**10 Watts—1 3/4" x 3/8"**

Stock No.	Res. Ohms	Current M.A.	Stock No.	Res. Ohms	Current M.A.
YE5051	1	3,150	YE5065	1,000	100
YE5052	2	2,280	YE5066	1,500	81
YE5053	5	1,410	YE5067	1,750	75
YE5054	10	1,000	YE5068	2,000	70
YE5055	15	815	YE5069	2,500	63
YE5056	20	707	YE5070	2,500	57
YE5057	25	630	YE5071	3,000	50
YE5058	50	447	YE5072	5,000	44
YE5059	100	315	YE5073	7,500	36
YE5060	200	223	YE5074	10,000	31
YE5061	250	200	YE5075	15,000	25
YE5062	400	158	YE5076	20,000	22
YE5063	500	141	YE5077	25,000	20
YE5064	750	115			

Your Cost Each, Any Size **23¢**

**OHMITE WIRE WOUND "RED DEVIL" RESISTORS**

The standard radio replacement resistors. They are the only units capable of withstanding the Heat Test in which a ten watt unit dissipates FIFTY watts. Red Devils are wire wound, over a porcelain core, and covered with a special high temperature refractory cement which protects the wire from injury even though a red heat is reached. All have lugs and 1 1/2" tinned leads. Red Devils are made in two sizes—ten watt, from 1 ohm, through to 25,000 ohms, and twenty watt, from 30,000 through to 100,000 ohms. Ten watt dimensions are 1 3/4" x 3/8". Twenty watt dimensions are 2 x 1/2".

**20 Watts—2" x 1 1/2"**

Stocked only in the sizes shown in the listing below. If special resistance values are desired we will be glad to submit prices and delivery dates upon request. When writing state permissible variation in per cent.

Stock No.	Res. Ohms	Current M.A.	Stock No.	Res. Ohms	Current M.A.
YE5078	30,000	25	YE5081	45,000	21
YE5079	35,000	23	YE5082	50,000	20
YE5080	40,000	22			

Your Cost Each **44¢**

Stock No.	Res. Ohms	Current M.A.	Stock No.	Res. Ohms	Current M.A.
YE5083	55,000	19	YE5088	80,000	15
YE5084	60,000	18	YE5089	85,000	15
YE5085	65,000	17	YE5090	90,000	14
YE5086	70,000	16	YE5091	95,000	14
YE5087	75,000	16	YE5092	100,000	14

Your Cost Each **59¢**

Mfr. and Part No.	Resistance Ohms	Stock No.	Your Cost
<b>BELMONT RADIO</b>			
R-258	350	YE5317	\$0.20
R-261	15000-25000-150-350	YE5318	.70
R-266	6000-6000	YE5319	.40
R-273	7500-200	YE5039	.29
1055	10000-7000-2000	YE5040	.50
1056	12000-6000-9000	YE5041	.59
<b>CROSLY RADIO</b>			
20176B	10-10-10-10-860	YE5320	.49
20452B	320-225-2000-1750	YE5301	.70
20909	10000	YE5315	.49
22574	3000-2150-1220-45	YE5303	.59
22574A	1790-2150-1220-45	YE5304	.59
28755A	246-28	YE5321	.82
<b>EMERSON RADIO</b>			
HR-36	310	YE5326	.20
HR-38	1500	YE5322	.20

**Candohms for AC-DC Sets**

These are wire wound resistors made specifically for exact replacement in manufactured receivers. Resistance accurately tapped.

Mfr. and Part No.	Resistance Ohms	Stock No.	Your Cost
<b>GRIGSBY-GRUNOW</b>			
7818	2000-140-150	YE5323	\$0.39
8292	2000-350-500	YE5324	.41
9239	7000-400-3000-300	YE5309	.70
10252	10000	YE5325	.29
8705	400-100	YE5042	.20

Mfr. and Part No.	Resistance Ohms	Stock No.	Your Cost
<b>GRIGSBY-GRUNOW—Cont'd</b>			
10145	408-134-1800-360-9000-10000	YE5043	\$0.70
10535	300-1500-500	YE5044	.41
11953	63-51	YE5045	.40
<b>HALSON RADIO</b>			
6700	2000-500-300-200	YE5046	.40
6701	5000-500-1000-600	YE5047	.50
<b>INTERNATIONAL RADIO</b>			
R-302	1500	YE5327	.20
R-303	310	YE5326	.78
<b>RCA VICTOR CO.</b>			
59855	60-130-250	YE5048	.30
67822	315	YE5049	.78

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

Carbon resistor element permanently fixed to the flat outer rim of a strong Delco ring.

Long aluminum shaft easily bent or filed to desired length. Saves time and labor.

Mechanism provides 120 degrees of continuous rotation in a straight path.

Long bronze strain spring Special alloy floating contact frame fits end wire without chattering.

Shanda's interlocking hold by wire. In stantly interchangeable plate with power switch assembly.

Minimum friction, low contact resistance and resistance element from dust and moisture.

Body of control extends only 1/2" back panel when mounted. Case only 1 1/2" wide.

New 1/2" size of switch assembly has provided by under-estimating mounting clearance.

# New ELECTRAD

**SMOOTH • QUIET • LONG-LIVED**

Manufacturer	Stock No.	Your Cost
<b>A. C. Dayton Co.</b>		
XL-50, XL-60	YG8145	\$0.88
AC-63, AC-65, AC-66	YG7904	.59
<b>All-American Mohawk</b>		
S-6, S-7, S-8	YG7924	.59
11-D, 19-D, 19-H, 29-D, 29-H, 34-D	YG8075	1.47
39, 40, 41, 711, 722	YG7921	.59
S-40, U-55, S-63, S-80	YG7902	.59
SW-8, S-10, SA-65, SW-80, SA-90, SA-91, SA-110, SA-130, Lyric K	YG7904	.59
70, 73, 75	YG8146	.88
Lyrics, 60, 61, 62, 65, 66, 77, 80, 83, 84, 85, 86, 88	YG8147	.88
<b>Amrad</b>		
AC-6, AC-6C, 84, 84-C, 84-D	YG7904	.59
AC-7, AC-7C, 70, 7100, Concerto, Nocturne, Opera, Sonata	YG7902	.59
B-1, Bel-Canto Ario, Duet, Minuet, Serenata, Symphony	YG7906	.59
<b>Atwater Kent</b>		
37, 38, 40, 40-F, 41, 42, 42-F, 43, 44, 46, 47, 51, 52, 53, 33, 89 all types, 424, 469Q	YG7992	.88
Air Cell, 534, 816, 936	YG7904	.59
84 Early, 840, 84-F Early, 84-C, 89-P, 92, 92-F, 96, 96-F, 99, 99-F, 99-P, 145, 155 all types, 165-Q, 185, 188, 188-F, 206, 228-D, 228-F, 236, 246, 260, 260-F, 266, 325, 376, 387, 425, 427-Q, 448, 460 all types, 467, 480, 525, 555, 588, 612, 627, 655, 666, 788, 808, 812, 920	YG8148	.88
55 Early, 55-C Early, 55-F Early, 56 Early, 57 Early, 60, 60-C, 61, 61-C, 66 (strip only)	YG7993	.29
67 Batt., 67-C, 67-Q, 85-Q all types, 228-Q	YG7914	.59
36	YG8151	.88
55-C Late, 55-F Late, 55-FC Late, 56 Late, 57 Late	YG8076	1.47
80, 80-F, 83, 83-F, 90, 90-F	YG8023	1.18
82, 82-F, 85, 85-F	YG8026	1.18
165, 217, 217-D, 275, 310-J, 310-T, 427, 427-D, 510, 667, 708, 711-J	YG8029	1.18
H-1, H-2	YG8149	1.47
D, F, L1, L2, P	YG8092	1.47
<b>Bosch</b>		
4, 7, 7-A, 7-C, 20, 20-L, 31, 32, 36, 37, 73, 74, 133, 135, 305-A	YG8039	1.18
10, 46-AC, 58, 60, 62-DC, 63, 96, 96-DC, 107, 116, 126, 136, 146, 166, 176, 242-E, 243, 250, 312, 313	YG7904	.59
58, 62-AC, 62-DC	YG8037	.88
28, 29	YG7995	.88
40, 41-AC, 251, 350, 355, 360, 370	YG8038	1.18
48-AC, 49, 54-DC	YG8052	1.47
16, 27, 35, 46-DC, 57, 66 Batt., 87, 76 Batt.	YG8150	.59
<b>Bremer Tully</b>		
6, 8-AC, 8-16, 8-17, 8-12, 8-13	YG7904	.59
6-40, 6-41, 6-40, 6-41	YG7922	.59
7-70, 7-71, 8-20, 8-20A, 8-21, 8-21A, 8-22	YG7902	.59
7A, 7B, 14, 21, 31, 81A	YG8145	.88
36, 85	YG8152	.88
81, 82	YG8093	1.18
S-81, S-82	YG8153	.88
<b>Brunswick</b>		
R-1, 2-KR, 2-KRO, 3-KR3, 3-KRO, 3-KR6, 3-KR8, 5-KR, 5-KRO, 5-KR6	YG7937	.88
3-NC8, 3-NW8, 5-NO, 5NC8	YG7939	.88

Manufacturer	Stock No.	Your Cost
<b>Brunswick—(Cont.)</b>		
4-A, 4-PA, D-11, D-12, above Serial No. 25000, 17, D-18, D-33, above Serial No. 25000, 24, 25, D	YG7904	\$0.59
B-17, PR-17-8	YG7936	.88
21, 31, 81, 821	YG7902	.59
DC-21, DC-31	YG8154	.88
S-21, S-31, S-81, S-82-90	YG7997	1.18
Panatrope	YG8079	.88
<b>Colonial</b>		
2	YG8081	1.18
16-5, 16-6, 17-5, 20, 21, 26	YG8150	.59
25, 51, 600, 600-A, 601, 602, 603, 604, 650, 651, 652, 655, 656, 657, 658	YG7904	.59
44, 50, 76, T-345, C-349, T-397, C-399, C-495	YG7903	.59
32-AC, 32-DC, 33-AC	YG7978	1.47
36 Hum Control	YG8155	.88
46, 52	YG8091	.59
47, 48, 62, 73	YG7912	.59
65	YG8156	.88
250-AC-DC, AC-SW250, AC-DC300, AC-SW300, 501, 501-AC, AC-700, AC-701, AC-702	YG8148	.88
<b>Columbia Phonograph</b>		
C-1, C-2, C-3, C-4, C-5 (205), C-6, C-7, C-80C, C-90A, C-90B, 980	YG7914	.59
AC-5-30, SG-10	YG7903	.59
C25-31, C25-32, C-31, C-32	YG7919	.59
R-9, C-80A, C-80B, C-90, C-100, C-800	YG7908	.59
10, C25-33, C25-34, 32-34, C-33, C-34	YG8091	.59
120-B	YG8157	1.47
<b>Crosley</b>		
3RS, 4-29, 5-38, 6-60, 6-75, 6-85, 20 Batt., 21 Batt., 22 Batt., RFL90, 401-A, XJ	YG8150	.59
22, 23	YG8083	.59
27, 28, 30, 30-S, 31-S, 32, 33-S, 34-S, 40-S Late, 41-S Late, 42-S Late, 45-S Late, 82-S, 315	YG7966	.88
40-S Early, 41-S Early, 42-S Early, 45-S Early 71-A	YG7967	.88
41-A, 42 Early, 61, 602, 608 Female Shaft, 609 Female Shaft, 610 Gem Box Female Shaft, 704, 705, 706	YG7968	.88
53, 54, 55-DC, 56-DC, 57, 58	YG7956	.88
60-S, 61-S, 62-S, 63-S, 65-S, 72-7H2, 72L1-7H2, 72-7H3, 72-LB-7H3, 162-1	YG7907	.59
77, 77-A, 77-B, 77-L, 84, 84-C, 840	YG7908	.59
95 Auto, 96 Auto	YG8159	1.18
98, 99 Auto	YG8160	.88
130, 130-1, 132-1, 136-1, 139-1, 134, 134-1, 146, 146-1, 150, 157, 158, 160, 168-D, 170, 171, Ground Station	YG7850	.88
177, 181	YG7851	.88
410, 420	YG7918	.59
172, 174, 176	YG7852	.88
992, Air Roamio	YG7853	1.18
704 Short Shaft, 704-A Short Shaft, 704-B Short Shaft, Jewel Box Short Shaft, Johnny Smoker	YG8096	.88
169	YG7909	.59
706 Early, Long Shaft	YG7854	.88
804 Jewel Box	YG7928	.88
804 Late	YG7959	.88
Auto Roamio, B Series	YG7855	.88
	YG7904	.59

**NOTE**  
All volume controls listed above are furnished complete with A.C. switch wherever original manufacturer's control calls for one. Any control not listed can be supplied immediately on order.

**Standard Switch—S.P.S.T. Fits All Controls**  
YG8095—Your Cost **29¢** Each

Manufacturer	Stock No.	Your Cost
<b>Delco Appliance</b>		
RB-1, RC-1	YG7912	\$0.59
RA-3, RB-3, RC-3 Jr.	YG7903	.59
<b>Detrola</b>		
4-D, Hamilton, Renfrew, Windsor, York	YG7856	1.18
Roadmaster	YG7904	.59
Super Midget 5 Tube	YG8145	.88
<b>Earl</b>		
21-AC, 22-AC	YG8017	1.47
21-DC, 24-DC, 31-DC, 33-DC	YG7908	.59
31, 32, 41	YG7903	.59
31-S, 32-S, 33-S, 315, 371	YG8053	1.47
<b>Edison Radio</b>		
C-1, M-6 Front Unit, E-175, SC	YG7964	.88
R-1, C-2, R-2 Rear Unit, R-3, SRC-3 Rear Unit, M-5, M-6 Rear Unit	YG7857	.88
C-2 Front Unit, R-2 Front Unit, SRC-3 Front Unit	YG7999	.88
M-5 Front Unit	YG7858	.88
R-4, R-5, Abbey Jr.	YG7987	.88
R-6, R-7	YG8150	.59
R-100, RV-695	YG7859	.88
Abbey Batt.	YG7951	.88
Abbey		
<b>Emerson</b>		
H-5, 26-AW, 26-LW, 30, 30-AW, 30-LW, 33, 33-AW, 33-LW, 250, 250-AW, 250-LW, 300, 321, 321-AW, 321-LW, 350, 350-AW, 350-LW, 409, 410, 411, 415, 416, 420, Mickey Mouse	YG7860	1.18
DC-4, L-DC-4, AW-55, KS, L-AC-A	YG7854	.88
L-AC-4, L-AC-5, JS, T, TS	YG7888	1.18
50-L, 50-M, S-50, L-755, M-755, S-755	YG7852	.88
40, 77, 375, 375-LW	YG7887	1.18
<b>Erla</b>		
R-2, R-3, 61, 62, 63, 250	YG7902	.59
81, 82 Volume, 245 Super	YG7903	.59
37, 38, 39, 230	YG7908	.59
30 Tone, 81-P Tone, 82-P Tone, 248-K	YG7912	.59
78, 79, RC	YG8160	.88
106, 107, RN	YG7861	.88
620, 630	YG7862	1.18
<b>Eveready</b>		
1, 2, 3	YG7995	.88
Series 30, 40	YG7923	.59
31	YG7903	.59
Series 50	YG7990	1.47
<b>Fada</b>		
7-AC, 10, 10-Z, 11, 11-Z, 30, 30-Z, 31, 31-Z, 45-72, 50, 70, 71, 72, 475-UA, 475-CA	YG7953	.88
15-M, 15-MZ, 20, 20-Z, 25, 25-Z, 75, 77	YG7927	.88
16, 16-Z, 17, 18-DC, 32, 32-Z	YG7958	.88
41, 42, 44, 46, 47	YG7907	.59
35	YG7863	.88
43, KP, KG	YG8097	1.47
45, 45-KU, 51, 53, 57, KX-61, 66, 66-KX, 171, 173, 173-KC	YG7924	.59
48-KW, 49-KW	YG8083	.59
55, 58, KC, KO, RG	YG7854	.88
RP-62-CA, RP-62-UA, RP-65-CA	YG7952	.88
73, 74, 76, 79, 83, 85, 88, 89, RA, RC, RE	YG7861	.88
78, 79	YG8084	1.47
78-10	YG7864	1.18
101, 102, 104, Rk, RO, RP, RV	YG7865	1.18
105-ACDC, 106-ACDC, 107-ACDC, 112, RN-ACDC, RS, RY	YG7866	1.18
133, 134, 135, RW	YG7864	1.18
<b>Freed Eisenmann</b>		
NR-7, NR-5, NR-9, NR-10, NR-12, NR-15, NR-18, NR-20, NR-40, NR-53, NR-800, NR-77	YG8150	.59
NR-55, NR-56 AC & DC	YG8017	1.47

# Carbon Element

# VOLUME CONTROLS

Manufacturer	Stock No.	Your Cost
<b>Freed Eisemann—(Cont.)</b>		
NR-57, NR-60, NR-70	YG7903	\$0.59
NR-78, NR-79	YG7908	.59
NR-80 AC & DC, NR-85 AC & DC (strip)	YG8098	.29
NR-90	YG8053	1.47

**Special Switches**  
 YG7839—S.P.D.T.  
 YG7840—D.P.S.T.  
 Your Cost, Either Type **35¢**

Manufacturer	Stock No.	Your Cost
<b>General Electric</b>		
GET-12	YG7902	.59
T-12	YG7933	.88
S-22, S-22-X, H-31, H-51	YG7943	.88
Volume, H-71 Volume	YG8014	.88
H-32	YG7944	.88
S-42	YG7906	.59
H-51 Tone, H-51-R Tone, H-71 Tone, 2530	YG7869	1.18
M-51, M-56	YG7849	1.18
C-61 Auto	YG7934	.88
K-62, J-80, K-82, J-85, S-132	YG7848	.88
J-82	YG7913	.59
H-91, H-91-R	YG7913	.59

Manufacturer	Stock No.	Your Cost
<b>General Motors</b>		
S-1A, S-1B, 216, 217, 219, 250	YG8057	1.18
Tone Control for S-2A, S-2B, S-3A, S-3B, 251	YG8101	.88
Volume Control for S-2A, S-2B, S-3A, S-3B, 252, 253, 254, 255, 256, 257, 258	YG8058	1.18
6-B, 6-61 (Day Fan), 35, 5050, 50F3, Day Fan Jr. Six	YG8150	.59
S-9A, S-9B Chassis, 211	YG8102	1.18
Tone Control for 252, 253, 254, 255, 256, 257, 258	YG8059	.88
A-5005, A-5020 Day Fan	YG7906	.59

Manufacturer	Stock No.	Your Cost
<b>Graybar</b>		
4	YG7933	.88
8	YG7944	.88
Midget 8	YG7904	.59
311	YG7937	.88
600	YG7942	.88
700, 770, 900	YG7943	.88
Tone Control for 770, 900	YG7906	.59
900 Phono Control	YG8067	.88

Manufacturer	Stock No.	Your Cost
<b>Grunow Radio</b>		
Chassis 8-A, 500, 801	YG7847	1.18
Chassis 11-A, 1151, 1152	YG7861	.88
501, 750	YG7846	.88
1101	YG7845	.59

Manufacturer	Stock No.	Your Cost
<b>Kennedy</b>		
10, 20, and 12 SG	YG7924	.59
62	YG8010	.88
26	YG7989	1.47
24	YG8072	.59
44, 48, 50, 42, 32, 34	YG7912	.59
Royal	YG8106	.88
K-1323 DC	YG8107	1.47

Manufacturer	Stock No.	Your Cost
<b>Kolster-Columbia</b>		
K-20, 21, 22, 23, 24, 25, 27, 28, 37	YG7902	.59
K-70, 72, 80, 82, 90, 92	YG7902	.59
K110, 112, 120, 122, 130, 132	YG8074	1.18
K-43	YG8108	1.47
K-45	YG7921	.59

Manufacturer	Stock No.	Your Cost
<b>Majestic</b>		
70 and 70B	YG7912	.59
90, 91, 92	YG7903	.59
20, 21, 22, 23	YG7971	1.18
25	YG7914	.59
25B, 35—60	YG7920	.88
15, 15B, 150	YG8002	1.18
60 Chassis	YG8003	.88
130 Chassis	YG8004	.88
150 Chassis: Phono Control	YG8005	.88
25 Chassis	YG8006	1.18
90, 91, 92, 90B	YG8007	.88
30 Chassis	YG8018	1.76
100 Chassis	YG8019	1.47
50 Chassis	YG8020	1.47
200 Chassis	YG8011	.88
210 Chassis	YG8012	.88
200 Chassis: Tone Control	YG8109	1.18
210 Chassis: Tone Control	YG8110	1.18
15 Chassis: Tone Control	YG8111	.88
180, 181: Phono Control	YG7913	.59
25 Chassis: Tone Control	YG7914	.59
150 Chassis: Tone Control	YG7906	.59
120, 120B	YG8112	1.47

Manufacturer	Stock No.	Your Cost
<b>Philco</b>		
5, 82, 86, 87, 511, 521, 531, 541, 551, 561, 571, 581	YG7962	\$0.88
Transitone 95, 96, 96A, 30	YG8070	.88
211, 211A, 15 47, 911, 91B, 91X	YG7904	.59
71H, 71L, 71B	YG7907	.59
70, 70A, 90, 90A	YG8049	1.47
70, 70A: Serial Numbers above B-22000	YG7904	.59
76	YG7842	.88
95	YG8071	.88
112, 112A, 112E, 212, 212A	YG8070	.88
20, 20A, 270, 220	YG7980	1.47
50, 50A	YG8048	1.47
51, 51A	YG7902	.59
65	YG7910	.59
53	YG8043	1.18

Manufacturer	Stock No.	Your Cost
<b>RCA-Victor</b>		
Radiola 16	YG7935	.88
Radiola 17, 50, 41, 7-25, 7-54	YG7936	.88
Radiola 18, 33, 51, 7-11, 7-26	YG7937	.88
Radiola 44, 46, 47	YG7938	.88
Radiola 60, 62	YG7939	.88
Radiola 64, 67	YG7940	.88
Radiola 64 Sensitivity Control	YG7941	.88
Radiola 66	YG7942	.88
80, 82, 86	YG7943	.88
R-5, R-5X	YG7933	.88
Superette R-7, 7A	YG7944	.88
R-8, R-10, R-11, RE-18, R-21, RAE-26	YG7934	.88
Superette R-7, 7A: Tone Control	YG8065	.88
R50, R55, RAE59, RAE79	YG8014	.88
RAE26, R-11: Tone Control	YG8066	1.18
RAE26, RE18, 86: Phono Control	YG8067	.88
42, 48	YG8054	1.76
35, 39	YG7943	.88
R-32, RE-45, R-52, RE-75	YG7979	1.47

Manufacturer	Stock No.	Your Cost
<b>Sparton</b>		
5, 9	YG7949	1.18
10	YG7948	1.18
15	YG7947	1.18
25, 26	YG7946	1.18
110, 301, 101, 103, 109, 930, 931, 79A, 69, 591, 593	YG7930	.88
570, 740, 759, 564, 600, 610, 620, 737, 574, 870, 111A, 410, 420, 60A, 610A, 620A	YG7983	1.76
41	YG7913	.59
63	YG7903	.59

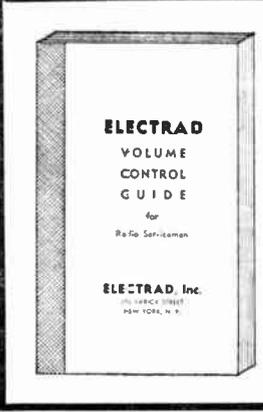
Manufacturer	Stock No.	Your Cost
<b>Stewart-Warner</b>		
950 DC, 970, R-100C, DC	YG8022	\$1.47
900, 811, 600, 520, 525, 806	YG7903	.59
950 AC, R-100A, R-100B, R-100E	YG7925	.88
R-104A	YG8119	.88
R-106A	YG8120	1.18
R-110A, R-110E	YG8121	1.18
R-111	YG8122	1.18

Manufacturer	Stock No.	Your Cost
<b>Stromberg-Carlson</b>		
635, 636, Short Shaft	YG7901	.88
635, 636, 638, Double Shaft	YG7961	.88
846, 848, Double Shaft	YG7965	.88
846, 848, Long Shaft	YG7960	.88
611, 642, 652, 654: Long Shaft	YG7900	.88
641, 642, 652, 654: Double Shaft	YG7960	.88
638 DC	YG7932	.88
10, 11, 25, 26	YG8030	.88
19, 20, 21	YG8031	.88
12, 14	YG8032	.88
25, 21	YG8033	.88
19, 20, 21: Tone Control	YG8034	.88
37	YG8050	1.47
38, 39, 40	YG8123	1.76
645 DC: Double Shaft	YG8124	.88
645 DC: Long Shaft	YG7900	.88
48, 49, 50, 51	YG8063	1.47
52, 54	YG8064	1.47

Manufacturer	Stock No.	Your Cost
<b>U. S. Radio and Television</b>		
Case 80, Apex 36, 37, 50, 60, 90	YG7902	.59
Apex 31, 32, 33DC, 30, 26, 29, 32, 49, 20, 99 Series	YG8083	.59
Gloriatone Early 27	YG7918	.59
Gloriatone 28, 29, 32, Apex 41, 43, 46, 47, 42, 44, 48, 48A	YG7916	.59
8 Series, 10 Series	YG7907	.59
Gloriatone 26P	YG8126	.88
Gloriatone Late 27	YG8127	1.18

Manufacturer	Stock No.	Your Cost
<b>Wholesale Radio Service Co. Inc.</b>		
Duo Symphonic Jr., 1931, Series 10, Mighty Atom, AC 524, Pre-Selector	YG7902	.59
Series 20, Super-Net	YG7904	.59

Manufacturer	Stock No.	Your Cost
<b>Zenith Radio</b>		
14, 15, 16, 39, 33, 34, 35, 35A, 342, 352, 352A, 362, 339, 353, 34P, 342P, 40A, 41, 42, 422, 35PX, 35APX, 352PX, 352-APX, 37A, 55	YG7841	1.18
52, 53, 54, 60, 61, 62, 64, 67	YG7906	1.18
Hier-Merton, 82, 89, 822, 892, 10, 102, 112, 122, 70	YG7976	1.76
602, 613, 622, 642, 672	YG7906	1.18



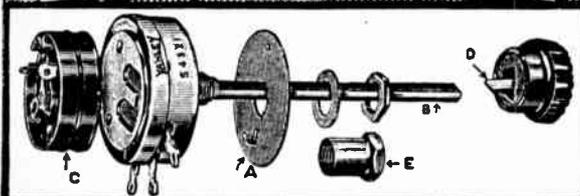
**FREE — FREE**  
**ELECTRAD 1935 Volume Control Guide—100 Pages of Time-Saving Information**

Contains a complete list, in alphabetical order, of receiver models for which Electrad standard or special replacement controls are made. Gives name of manufacturer, model number, resistance value and list price.

There is no charge for this 100 page book (size 6 1/4 x 9 1/4"), but because of the great expense involved it is limited to professional servicemen only. To obtain a copy, simply tear off the flap on the carton of any Electrad control and mail it to Electrad, Inc., 175 Varick St., New York, N. Y. A Guide will be sent by return mail.

# YAXLEY UNIVERSAL

APPROVED RADIO PRODUCTS



## 161 CONTROLS SERVICE

The new line of Yaxley Universal Controls can be used to service over 90% of all the electric radio receivers in use at present, regardless of physical, mechanical or electrical characteristics. With comparatively few units, the serviceman is now enabled to meet all service requirements demanding volume control repairs or replacements. The exclusive use of Yaxley Controls will save time and money.

### Universal Volume Controls

These Universal controls may be used to service the great majority of the sets in use at present time. They are furnished with a 3" shaft (milled) of special aluminum alloy, standard bushing, special cover plate which may be removed for attaching switch, and adjustable bias plates on those controls which require them.

Stock No.	Part No.	Type	Res. Ohms	Taper	Stock No.	Part No.	Type	Res. Ohms	Taper
YF6660	Q	WW	2	1V	YF6714	H12	Car.	15000	1
YF6661	R	WW	6	1V	YF6715	J	Car.	20000	1
YF6662	S	WW	10	1V	YF6676	Y	Car.	25000	11
YF6663	T	WW	20	1V	YF6677	K	Car.	50000	11
YF6664	U	WW	30	1V	YF6716	K12	Car.	50000	11
YF6665	V	WW	60	1V	YF6717	Z	Car.	75000	11
YF6666	W	WW	100	1V	YF6718	Z12	Car.	75000	11
YF6667	X	WW	200	1V	YF6678	L	Car.	100000	1
YF6668	A	WW	500	1	YF6679	M	Car.	250000	1
YF6669	B	WW	1000	1	YF6680	N	Car.	500000	1
YF6670	C*	WW	2000	11	YF6681	O	Car.	1 Meg.	1
YF6704	C12*	WW	2000	1	YF6682	P	Car.	2 Meg.	1
YF6671	D*	WW	3000	11	YF6719	UC-500	WW	1000	11
YF6705	D7*	WW	3000	V11	YF6720	UC-501	C.	10000	11
YF6706	D12*	WW	3000	1	YF6721	UC-502	C.	150000	1
YF6672	E*	WW	5000	11	YF6722	UC-503	C.	750000	1
YF6707	E7*	WW	5000	V11	YF6723	UC-504	C.	3 Meg.	1
YF6708	E12	Car.	5000	1	YF6724	UC-505	C.	4 Meg.	1
YF6673	F*	WW	7500	11	YF6725	UC-506	C.	5 Meg.	1
YF6709	F7*	WW	7500	V11	YF6726	UC-507	C.	5 Meg.	11
YF6710	F12	Car.	7500	1	YF6727	UC-508	C.	9 Meg.	1
YF6674	G*	WW	10000	11	YF6728	UC-509	C.	250000	11
YF6711	G7*	WW	10000	V11	YF6729	UC-510	C.	100000	11
YF6712	G12	Car.	10000	1	YF6730	UC-511†	C.	250000	1
YF6675	H*	WW	15000	11	YF6731	UC-512†	C.	500000	1
YF6713	H7*	WW	15000	V11					

C. or Car.—Means Carbon element. WW—Means Wire Wound element. \*—See adjustable bias features. †—Means control has slotted shaft for automobile receivers.

Your Cost Each, Any of the Above Controls ..... **59¢**

### Universal "Linear" Controls

This line of controls is identical in every respect with the Universal line, differing in taper only. "Linear" controls have uniform change of resistance with rotation.

Stock No.	Mfrs. No.	Type	Res. Ohms	Stock No.	Mfrs. No.	Type	Res. Ohms
YF6732	A400P	WW	400	YF6741	A20MP*	WW	20000
YF6733	A500P	WW	550	YF6742	Y25MP	Car.	25000
YF6734	A1MP	WW	1000	YF6743	Y50MP	Car.	50000
YF6735	A2MP*	WW	2000	YF6744	Y100MP	Car.	100000
YF6736	A3MP*	WW	3000	YF6745	Y200MP	Car.	200000
YF6737	A5MP*	WW	5000	YF6746	Y500MP	Car.	250000
YF6738	Y5MP	Car.	5000	YF6747	Y250MP	Car.	500000
YF6739	A10MP*	WW	10000	YF6748	Y1000MP	Car.	1 Meg.
YF6740	Y10MP	Car.	10000				

WW—Wire Wound element. \*—Has adjustable bias feature. Car.—Has Carbon element.

Your Cost Each, Any Size ..... **59¢**

### Universal "Tapped" Controls

This important series of tapped controls has been added to the Universal line so that the service man can correctly replace practically any tapped control. Chosen after thorough research, it will be found that only thirteen controls are necessary to service the entire field of tapped units.

Stock No.	Mfrs. No.	Res. Ohms	Tapped At	Description
YF6542	TRP600	6000	2500	Wells Gardner 60, 63
YF6543	TRP601	30000	6000	RCA-Victor RAE84, R78
YF6544	TRP602	63000	3000	Wells Gardner 5E; Montgomery-Ward 62-120, 62-122, 62-126, 62-128, 77, 95, 730, 735
YF6545	TRP603	250000	C.T.	RCA-Victor 320, 321, 322, 327, 340, 341-E, RE-80, 81, CRD-9
YF6546	TRP604	350000	25000	Philco 17, 19
YF6547	TRP605	350000	75000	Philco 10, 14, 18, 28, 29, 45, 49, 91, 118, 144, 503, 507, G10
YF6577	TRP606	500000	100000	Zenith 410, 411, 420, 430, 440, 476, 476A, 770, 775, 780. Atwater-Kent 112, 511. Stewart-Warner 126 chassis; 1261-1269
YF6578	TRP607	500000	C.T.	RCA-Victor R37, R37P, R38, R38P, 120, 121, 122, 124, 223
YF6579	TRP608	1 Meg.	200000	RCA-Victor R71-B, Philco 620, 630
YF6580	TRP609	1 Meg.	C.T.	Belmont 640
YF6581	TRP610	1 Meg.	200000	Grunow 650, 651, 660, 661, 750, 751, 752, 753, 801, 901, 902
YF6582	TRP611	1 Meg.	170000	Philco 16 (121)
YF6583	TRP612	2 Meg.	25000	RCA-Victor R51B

YF6545 TRP603 250000 C.T.

YF6546 TRP604 350000 25000

YF6547 TRP605 350000 75000

YF6577 TRP606 500000 100000

YF6578 TRP607 500000 C.T.

YF6579 TRP608 1 Meg. 200000

YF6580 TRP609 1 Meg. C.T.

YF6581 TRP610 1 Meg. 200000

YF6582 TRP611 1 Meg. 170000

YF6583 TRP612 2 Meg. 25000

Your Cost Each, Any Type ..... **88¢**

NOTE—These controls are not limited to use in the above sets.

### VOLUME CONTROL ACCESSORIES

#### Mounting Brackets



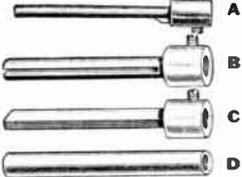
For use where control mounts off the chassis. Plated metal. Adjustable mounting centers.

YF6297—Type RB-248. Mounting centers 1 1/2" to 2 3/4".

YF6298—Type RB-249. Mounting centers 2 3/4" to 2 7/8".

Your Cost Each, Either Type ..... **12¢**

#### Extension Shafts



Type A—Length 4".

YF6561—1/4" diam., 1 1/2" flat.

YF6562—3/8" diam., 3/2" flat.

YF6563—3/4" diam., 1 1/4" flat.

Any Size, Your Cost Each ..... **18¢**

#### Special Extension Shafts

Type B—2" long, 1/4" diameter with 3/8" slot. Enclosed in tight fitting tube (D).

YF6559—Your Cost ..... **21¢**

Type C—2" long, 1/4" wide, 3/8" thick. Tongue shaped and fitted with tube (D). For use in auto receivers.

YF6560—Your Cost ..... **21¢**

#### Hex Shoulder Nuts

Two types; panels up to 1/2" thick and panels up to 3/4" thick. No. 11260-2—For 3/4" panels.

YF6385—Your Cost Each ..... **12¢**

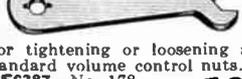
YF6386—Your Cost Each ..... **9¢**

#### Control Switches

Stock No.	Part No.	Type	Your Cost
YF6288	6	S.P.S.T.	29c
YF6564	9	S.P.S.T.	29c
Y12853	8	S.P.D.T.	35c
YF6289	7	D.P.S.T.	35c

\*Special shallow type, for use where space is limited.

#### Volume Control Wrench



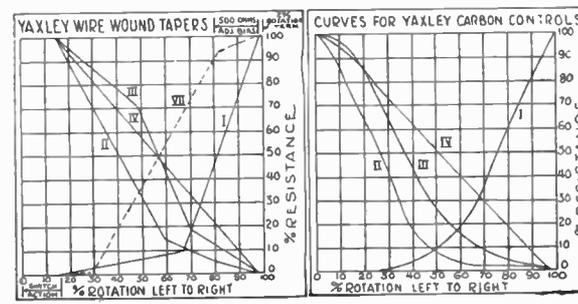
For tightening or loosening all standard volume control nuts.

YF6387—No. 178

Your Cost Each ..... **10¢**

### YAXLEY Volume Control Tapers

The graphs shown below illustrate the various tapers used on Yaxley wire wound and carbon element volume controls. A clarifying explanation of these curves is given on the opposite page.



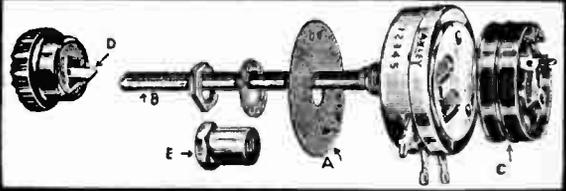
# VOLUME CONTROLS

## 4610 DIFFERENT RECEIVERS

Features: (A) Minimum bias adjustment on all C Bias controls. (B) 4-inch shaft of special nickel alloy. To shorten, just notch with cutters and break off.

(C) Power Switch, approved by Underwriters, easily attached. (D) Knob adapter. No filing of shaft.

(E) Extension bushing. Extends through  $\frac{5}{8}$ " panel.



## Special "Dual" Controls

This line of dual units consists of controls which are special in their electrical or mechanical features, or both. They are designed for use in groups of one or more receivers which cannot otherwise be serviced.

Stock No.	Mfrs. No.	Type	Res. in Ohms Front	Res. in Ohms Rear	Name of Set and Models
YF6683	DRP-114	WW	250	5000	Phileo 20, 20A, 70, 70A, 90, 90A (2-4's), 270, 270A, 220, 21.
YF6751	DRP-117	WW	500	2500	Eveready 50 series.
YF6752	DRP-119	WW	3000	10000	Sterling F, 8T, Miniature.
YF6753	DRP-122	WW	645	10000	Majestic 50, 51, 52.
YF6614	DRP-169	WW	75000	10000	Mohawk-Lyric 11 D, 19D, 34D, 29D, 19H, 29H, 34H, Lyric H, D, DC.
YF6619	DRP-221	Car.	10000	100000	Zenith 50, 60, 70 series.
YF6756	DRP-222	Car.	75000	32000	Majestic 100, 180.
YF6757	DRP-232	Car.	3 Meg.	3 Meg.	Crosley 132-1, 136-1.
YF6758	DRP-239	Car.	25000	25000	Kolster K63, K66, K73, K76, K83, K86, K93, K96, K103.
YF6759	DRP-240	Car.	250000	10000	Earl & Freed Nr 55, NR56AC, 21AC, 22AC.
YF6760	DRP-241	Car.	5000	150000	Wells Gardner 90, 91, 92, 93.
YF6698	DRP-115	WW	3800	3800	RCA-Victor R32, RE45, R52, RE75.
YF6761	DRP-242	Car.	10000	500000	Eveready 50 series (3rd Type).
YF6762	DRP-243	Car.	3000	750000	Wells Gardner C. CG. 200, 291, 292, 295.
YF6763	DRP-244	Car.	25000	6000	Kolster K42, 43, 44.
YF6541	DRP-245	Car.	1 Meg.	3 Meg.	Stromberg-Carlson 48, 49, 50, 51.
YF6700	DRP-246	Car.	32000	50000	Sparton 410, 420.

Any Type, Your Cost Each **\$1.47**

Special control for RCA-Victor model RC3, R14, R15, RE17, R42 and R48; G.E. model T41, Westinghouse model WR4, Yaxley Part No. DRP-116. Your Cost **\$1.76**

### NOTE

The P. R. Malloy Co., manufacturers of Yaxley Volume Controls, has compiled what is without doubt the most accurate and most complete volume control manual ever published. This book is being offered FREE of charge to every accredited dealer and serviceman who writes the factory at Indianapolis, Ind. You cannot afford to pass up this unparalleled offer.

## Explanation of YAXLEY Tapers

**No. I**—A true logarithmic taper in the carbon element controls and a semi-logarithmic taper in the wire wound units. Left hand taper. Designed for use in shunt circuits such as the usual antenna and audio circuits.

**No. II**—A right hand logarithmic taper in the carbon element controls; semi-logarithmic in the wire wound units. This taper is used for series circuits such as cathode voltage controls.

**No. III**—A combination of both left and right hand tapers. Used in circuits to perform both as a shunt and as a series circuit control. Standard "antenna" and "C" bias control.

**No. IV**—Has a linear taper (although not really a tapered control, it is commonly referred to as such). Used wherever a control should be such that the voltage is proportional to the degree of rotation.

**No. VII**—A form of left hand taper made only in the wire wound type of control. Very desirable for use in combined "Antenna and Bias" circuits wherein the greater attenuation is obtained by increasing the bias voltage, the light left hand taper then sufficing to gradual y reduce the signal to zero by the shunting action in the antenna circuit.

## Universal "Dual" Controls

This line of Dual controls retains all the features of the "Universals." They consist of two volume controls strapped together and driven by a common shaft. The nine units listed below will service practically any receiver requiring this type of control.

Stock No.	Mfrs. No.	Type	Res. in Ohms Front	Res. in Ohms Rear	Taper Front	Taper Rear
YF6684	CE	WW	2000	5000	1	1
YF6658	GE	WW	10000	5000	V11	1V
YF6685	GG	WW	10000	10000	V11	1V
YF6686	GK	Car.	10000	50000	1	1V
YF6659	LL	Car.	100000	100000	1	1
YF6687	LM	Car.	100000	250000	1	1
YF6749	MM	Car.	250000	250000	1	1
YF6750	MN	Car.	250000	500000	1	1
YF6689	NN	Car.	500000	500000	1	1

WW—Wire Wound element. Car.—Carbon element. Any Size, Your Cost Each **\$1.47**

## WIRE WOUND RHEOSTATS & POTENTIOMETERS

### Type C—2 Watts



An extremely compact series of controls ideal for use where space is limited. Contact arm is grounded to the shaft. Diameter  $1\frac{1}{2}$ ",  $\frac{1}{4}$ " shaft.

Stock No.	Ohms	Your Cost
YF6197	6	
YF6198	10	
YF6199	15	
YF6200	20	<b>44¢</b>
YF6201	30	
YF6202	40	
YF6203	50	
YF6204	100	

### Potentiometers

Stock No.	Ohms	Your Cost
YF6205	6	
YF6206	10	
YF6207	15	
YF6208	20	
YF6209	30	
YF6210	40	<b>59¢</b>
YF6211	50	
YF6212	100	
YF6213	200	
YF6214	400	
YF6215	1000	<b>73¢</b>
YF6216	3000	
YF6217	5000	
YF6218	6000	<b>88¢</b>
YF6219	10000	
YF6220	15000	

### Type E—9 Watts

Similar in appearance to the above, but larger in size and with 9 watt capacity. All potentiometer type. Contact arm grounded to shaft. Size  $2\frac{1}{2}$ " diameter,  $\frac{1}{4}$ " shaft.

Stock No.	Ohms	Your Cost
YF6188	5000	<b>\$1.47</b>
YF6189	10000	
YF6190	20000	
YF6191	25000	
YF6192	50000	
YF6193	75000	<b>\$1.62</b>
YF6194	100000	
YF6195	125000	
YF6196	150000	

### Type M—4 Watts



A complete line of variable wire wound rheostats and potentiometers conservatively rated at 4 watts. Their compact construction makes them suitable for practically any purpose. Units are only  $1\frac{1}{2}$ " in diameter and mount in a single  $\frac{1}{8}$ " panel hole. Fully enclosed, with metal dust cover. Type M rheostats and potentiometers are available only in the sizes shown below.

### Rheostats

Stock No.	Res. Ohms	Your Cost Each
YF6480	1	
YF6481	2	
YF6482	3	
YF6483	6	
YF6484	15	
YF6485	15	<b>44¢</b>
YF6486	20	
YF6487	25	
YF6488	30	
YF6489	40	
YF6490	50	
YF6491	60	
YF6492	75	
YF6493	100	
YF6494	200	
YF6495	400	
YF6496	1000	
YF6497	2000	
YF6498	3000	
YF6499	5000	<b>73¢</b>
YF6500	10000	
YF6501	15000	
YF6502	20000	<b>88¢</b>
YF6503	25000	
YF6504	50000	
YF6505	70000	<b>\$1.18</b>

### Potentiometers

Stock No.	Res. Ohms	Your Cost Each
YF6503	20	
YF6489	25	
YF6490	30	
YF6491	40	
YF6492	50	<b>58¢</b>
YF6493	60	
YF6494	75	
YF6495	100	
YF6496	200	
YF6497	400	
YF6498	1000	
YF6499	2000	
YF6500	3000	<b>73¢</b>
YF6501	5000	
YF6502	10000	
YF6503	15000	<b>88¢</b>
YF6504	20000	
YF6505	25000	
YF6506	50000	
YF6507	70000	<b>\$1.18</b>

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# YAXLEY VOLUME CONTROLS

Manufacturer	Stock No.	Your Cost
<b>ATWATER KENT</b>		
37, 38, 40, 40F, 41DC, 42, 42F, 43, 44, 45, 46, 47, 52, 53, 56, 57 (Strip Only)...	YF6656	\$0.29
55, 55C, 55F, 60, 60C, 61, 61C, 66 (Strip Only)...	YF6657	.29
55, 55C, 55F, 60, 60C 66 (Late Models, Dual Control)...	YF6658	1.47
67, 67C, 228Q	YF6678	.59
70, 72, 74, 75, 76 (Chassis D1, D2, F, L1, L2, P Re-quires YF Mtg. Bracket)...	YF6684	1.47
72 (H1, H2 Chassis)...	YF6687	1.47
80, 80F, 83, 83F, 90, 90F	YF6672	.59
82, 82F, 86, 86F	YF6733	.59
82Q (1st), 84, 84D, 84F (Early), 84Q, 89, 89F, 89B	YF6680	.59
84, 84F (Late)...	YF6754	.88
87, 94, 94F	YF6754	.88
87D	YF6684	1.47
92, 92F, 96, 96F, 99, 99F, 99P, 145, 155, 165, 185, 185A, 188, 188F, 165Q	YF6680	.59
206, 217, 228, 275, 310, 315, 318, 325, 376	YF6680	.59
246, 260, 260F, 266, 387, 424, 427, 427D, 448, 469	YF6680	.59
510, 525, 534, 555, 558, 569	YF6680	.59
511	YF6577	.88
612, 627, 636, 667, 708, 711, 756, 788, 808, 812, 825	YF6680	.59
854, 944	YF6715	.59
469, 469F (1st), 480 (Tone-beam)	YF6764	.88
<b>BOSCH</b>		
28, 29	YF6641	.88
48, 49 (Type 1)	YF6686	1.47
48, 49 (Type 2)	YF6658	1.47
58, 62DC	YF6671	.59
<b>BRUNSWICK RADIO</b>		
S-14, S-21, S-31	YF6736	.59
14DC, 21DC, 31DC	YF6737	.59
14, 21, 31AC	YF6676	.59
11, 12, 16, 33 ("D" Chassis under No. 25000)	YF6765	.88
11A, 12A, 16A, 18, 33A ("D" Chassis above No. 25000)	YF6766	.88
<b>COLONIAL RADIO CORP.</b>		
44, 47, 48, 62, 73, 76	YF6713	.59
32AC	YF6686	1.47
164, 182	YF6767	.88
<b>CROSLY RADIO CORP.</b>		
DeLux Fiver	YF6680	.59
5MS, 124, 125, 133, 135, 141, 147, 148, 155	YF6707	.59
50-5H1, 50B-5H1, 61-6H2, 61-LB, 6H2	YF6723	.59
95 (Roamio), 96 (Auto)	YF6723	.59
51S, 60, 75	YF6662	.59
99 (Tone), 127-1 (Tone), 129, 129-1 (Tone), 132-1 (Tone)	YF6718	.59
120	YF6711	.59
129	YF6709	.59
159, 163, 166, 167, 172, 169 (Revised), 174, 176	YF6707	.59
136-1, 146, 157, 158, 160, 164, 168, 170, 171, 179, 180, 181, 182, 1014 (ALL Tone Controls)	YF6718	.59
146-1, 150 (Tone), 157, 158, 160, 164, 168, 175, 179, 180	YF6723	.59
173, 173-5	YF6680	.59
41, 41A, 42, 608AC, 609, 704, 704A, 704B, 705, 706	YF6693	.88
129-1, 131, 137, 169, 154, 27, 58, 48, 53, 54, 56, 57, 58, 77-1, 122, 123, 125	YF6768	.88
121A, 123, 126, 126-1	YF6769	.88
132-1, 136-1	YF6757	1.47
<b>EDISON, THOMAS A.</b>		
C4, R4, R5, R4-DC, R5-DC (7R)	YF6684	1.47
<b>FADA RADIO &amp; ELECTRIC CORP.</b>		
10, 10Z, 11, 11Z, 16, 16Z, 30, 30Z, 32, 32Z (Early), 50, 50Z, 70, 70Z, 71, 72	YF6770	.88
16M, 15MZ, 116, 16Z (Late)		
17, 18, 32, 32Z (Late) 20, 20Z, 25, 25Z, 75, 77	YF6771	.88
45 (KU)	YF6673	.59
48, 49 (KW)	YF6680	.59
41, 42, 44, 46, 47	YF6681	.59
73, 75 (RE), 74, 76 (RA)	YF6681	.59
761, 762, 764, 766, 767	YF6752	1.47

**PRICES DO NOT INCLUDE SWITCH**  
Switches listed on page 154.

Manufacturer	Stock No.	Your Cost
<b>EMERSON RADIO</b>		
39, 59 (D-S5)	YF6750	51.47
40, 71, 77, 375, 375LW, 770	YF6681	.59
<b>GRIGSBY-GRUNOW (MAJESTIC)</b>		
55, 59, 66, 75, 77, 85, 86 (800), 95 (520), 105 (520), 195 (500), 211, 214, 215, (210)	YF6679	.59
90, 91, 92, 93 (90, 90B)	YF6717	.59
90, 91, 92, 93 Equalizer	YF6697	.88
71, 72 (70, 70B)	YF6712	.59
151, 153, 154, 155, 156 (15, 15B, 150)	YF6713	.59
211, 214, 215 (210), 221, 223, (220) 303, 304, 307, 330, 300A), 311, 314, 315	YF6679	.59
61, 62 (60)	YF6696	.88
121, 123 (120, 120B)	YF6685	1.47
201, 203, 204 (200)	YF6680	.59
251, 253, 254 (25)	YF6673	.59
251B, 253B, 254B (25-B)	YF6710	.59
320, 330, 340, 360, 390, 460, 490, 500, 570, 600, 998	YF6679	.59
381 (Treasure Chest)	YF6716	.59
411, 411A, 413, 413A	YF6715	.59
<b>KOLSTER RADIO (COLUMBIA PHONOGRAPH)</b>		
K42, K43, K44, K43A	YF6763	1.47
K70, K72, K80, K82, K90	YF6714	.59
K110, K113, K114, K120, K123, 950, 961	YF6712	.59
<b>NATIONAL CARBON CO. (EVEREADY)</b>		
1, 2, 3	YF6641	.88
50 Series (1 and 2)	YF6751	1.47
50 Series (Type 3)	YF6761	1.47
<b>PHILCO</b>		
10	YF6545	.88
10 (122), 14, 18, 28, 29, 45, 45C, 46, 91 (226), 118, 144, 503, 507	YF6547	.88
16, 17, 19 (128)	YF6546	.88
16 (121), 17 (121) 4)	YF6583	.88
19, 30, 44, 60, 66, 89, 95, 96, 96A, 504, 505, 610, 700, 800, 1200 (Series), 1289AC	YF6680	.59
20, 20A, 41DC, 42DC, 70, 70A, 77, 77A, 220, 220A, 270, 270A, 470, 470A	YF6683	1.47
70, 70A (2nd type), 71	YF6681	.59
35, 35B, 37	YF6684	1.47
38, 53, 57, 59, 80, 81, 84	YF6715	.59
50, 50A, 65	YF6735	.59
51, 51A, 52	YF6706	.59
90, 90A (1-47)	YF6680	.59
90, 90A (2-45's)	YF6683	1.47
90, 90A (2-47's)	YF6681	.59
91 (121, 122)	YF6681	.59
111, 111A, 112, 112A (2-45's)	YF6680	.59
211, 211A, 212, 212A	YF6680	.59
296, 296A, 490	YF6680	.59
<b>RCA VICTOR CO.</b>		
R4, R6R, R7AC, R7DC, R7LW, R7A, R9AC, R9DC, RE16A, R22	YF6621	.88
R8AC, R10AC, R11AC, R12AC, RE19AC, R20, R21, R023	YF6636	.88
R14, R15, RE17, 42, 48	YF6694	1.47
17M, 18W	YF6745	.59
Radiola 17	YF6630	.88
60, 62	YF6623	.88

Manufacturer	Stock No.	Your Cost
<b>RCA VICTOR CO. (Cont.)</b>		
66	YF6624	\$0.88
64, 67, 9-18, 9-54	YF6626	.88
44, 46AC, 47	YF6627	.88
18, 18DC, 33AC, 41AC, 41DC	YF6629	.88
M34	YF6798	.88
RE20, 21, 22, R43, R50, R55, RAE59, RAE79	YF6716	.59
R27, 102	YF6728	.59
R28, R28P, R28-BW, R28-BWC	YF6736	.59
M32, A-73A, R75 (2A5)	YF6682	.59
R32, RE45, R52, RE75	YF6698	1.47
R35, RE39, RE57	YF6773	1.47
R37, R37P, R38, R38P, 120, 124, 223, 330, 331	YF6578	.88
RE40, RE40-P	YF6736	.59
R70	YF6673	.59
R71, R72	YF6747	.59
74, 76, 77, RE81, 300	YF6677	.59
R75 (47 Output), RE80	YF6739	.59
R78, RAE84	YF6543	.88
80	YF6737	.59
82, 86	YF6737	.59
100, 101, 301, 310, 110, 111, 115, 210, 118, 121, 122, 127, 128, 140, 141, 141E, 143, 211, 221, 224, 240, 262 (requires ex. Shaft No. YF6562)	YF6545	.88
320, 321, 322, 327, 340, 340E, 344	YF6580	.88
R7, R9, RE20, R50, R55, RE59, R70, RAE79 (Tone)	YF6680	.59
R11, R12, RE16A, RE18, RE18A (Tone)	YF6636	.59
<b>SPARTON</b>		
15	YF6719	.59
16, 16AW, 17, 18, 27, 28 Triolon), 111X, 750A, 750X, 870A, 870X	YF6674	.59
69, 79, 89, 89A, 99, 101, 109, 110, 301DC, 589, 591, 593, 931	YF6699	.88
103, 111A, 235, 564, 570, 574, 578, 600, 610, 620, 737, 740, 750, 870	YF6774	.88
35, 25, 26, 26AW, 45 (Vis-ionola)	YF6672	.59
13, 14, 14A, 15X, 33, 34, 36, 40, 42, 43, 54, 61, 62, 65, 66, 67, 68, 71, 71B, 72	YF6679	.59
74, 75A, 76, 78, 80, 83, 84, 85X, 86X, 104, 478, 691	YF6679	.59
410, 420AC, 410, 420DC	YF6700	1.47
<b>STEWART WARNER</b>		
R100A, B, F, 950 Series	YF6701	.88
R101A, B	YF6707	.59
R102A, B, E	YF6711	.59
R104A, B, E	YF6680	.59
<b>STROMBERG CARLSON</b>		
12, 14, 27A	YF6648	.88
22, 22A	YF6650	.88
10, 11, 16DC, 17DC, 25, 26, 638 (Rear Control)	YF6797	.88
641, 642, 652, 654, 846, 848, (Rear Control)	YF6651	.88
641, 642, 652, 654 (Front)	YF6653	.88
635, 636 (Rear Control)	YF6652	.88
635, 636, 638 (Front)	YF6654	.88
846, 848 (Front Control)	YF6655	.88
29 (Vol. and Tone)	YF6680	.59
37	YF6749	1.47
38, 39, 40, 41	YF6749	1.47
37, 38, 39, 40, 41 (Tone)	YF6722	.59
48, 49, 50, 51	YF6541	1.47
60, 64	YF6682	.59
68	YF6674	.59
64, 68 (Tone)	YF6679	.59
<b>ZENITH</b>		
50, 60, 70 Series (Dual)	YF6619	1.47
50, 60, 70 Series (Single)	YF6584	.88
91, 92 (Type 1)	YF6737	.59
230, 240, 245	YF6680	.58
410, 411, 420, 430, 440	YF6577	.88
460, 462, 474, 475, 476B, 500, 501, 503, 514, 515, 516, 600, 604, 606, 610, 616, 618	YF6680	.59
701, 702, 715, 755, 756, 760, 765, 767, 770B, 775B	YF6680	.59
10, 11, 12, 15, 16, 52, 53, 54, 60, 61, 62, 64, 67, 41, 42, 80, 102, 112, 122, 422, 563DC	YF684	.88

**NOTE**

The listing on this page, when used in conjunction with the listings of Yaxley Universal Controls on pages 154 and 155, permit the serviceman to service any electric receiver in use today.

A new and up-to-date volume control manual, the most comprehensive yet published, is offered FREE of charge by the P. R. Mallory Company, manufacturers of Yaxley controls. No serviceman or dealer can afford to pass up this opportunity. Technical data, curves, hints, etc., are only a few examples of the information it contains.

Write today to the P. R. Mallory Co. at Indianapolis, Indiana, for your copy.

# YAXLEY RADIO PRODUCTS

APPROVED RADIO PRODUCTS

## Insulated Tip Jack



No. 422—Bakelite Cap. Red and Black for Positive and Negative. Phone tips nests all the way in jack. Mounts in 1/4" hole.

Shpg. wt. 2 oz.  
YF6467—  
Per Pair.....

**15¢**

## Bakelite Jacks

Compact type. Insulated tops. Mount in 1/4" hole. For panels up to 3/8" thick. In Red, Black and Green. Specify color desired when ordering.

YF6424—Your Cost Each  
Per Pair, Red and Black  
Your Cost.....



**9¢**  
**15¢**

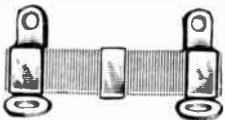
## YAXLEY Fixed Resistors



Wire wound. May be mounted directly to socket. Accurately rated. Ideal for grid resistors.

Stock No.	Res. Ohms	Mtg. Ctrs.	Your Cost
YF6316	200	1 1/2"	<b>12¢</b>
YF6317	300	1 1/2"	
YF6318	400	1 1/2"	
YF6319	500	1 1/2"	
YF6320	600	1 1/2"	
YF6321	700	1 1/2"	
YF6322	800	1 1/2"	
YF6323	1000	1 1/2"	

## YAXLEY Tapped Resistances



Units are space wound. Tap is accurately placed at the electrical center of the resistor.

Stock No.	Res. Ohms	Mtg. Ctrs.	Your Cost
YF6301	6	1 3/4"	<b>15¢</b>
YF6302	10	1 3/4"	
YF6304	15	1 3/4"	
YF6305	20	1 3/4"	
YF6306	30	2 1/2"	
YF6307	50	1 3/4"	
YF6312	60	1 3/4"	

## Resistance Units

Similar to the above, but have no center tap.

Stock No.	Ohms	Stock No.	Ohms
YF6330	1	YF6337	10
YF6331	2	YF6338	15
YF6332	3	YF6339	20
YF6333	4	YF6340	25
YF6334	5	YF6341	30
YF6335	6	YF6342	40
YF6336	8	YF6343	50

List Price 20c  
Your Cost Each.....

**12¢**

## Tip Plugs



No. 415—For use with all tip jacks. Ideal for use on test leads, meter, and panel apparatus. Solderless type.

YF6438—List 10c  
Your Cost Each.....

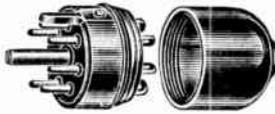
**5¢**

No. 15—Solderless type; same construction as No. 415, except it has longer tip.

YF6439—List 15c  
Your Cost Each.....

**6¢**

## Yaxley Cable Connector Parts



Bakelite insulation, Polarized terminals. Positive spring contacts. Terminals plainly marked.

### Cover Type

YF6375—No. 635—Pin plug with cover—7 conductor.

YF6379—No. 645—Female receptacle with cover. For use with above—7 conductor.

Your Cost, Either Type.....**59¢**

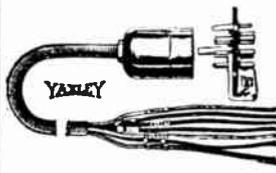
YF6376—No. 625—Pin plug with cover—12 conductor.

Your Cost.....**73¢**

YF6380—No. 615—Female receptacle with cover. For use with above—12 conductor.

Your Cost.....**73¢**

## Cables and Connectors



Brings battery wires to set in one compact cable, easily disconnected for cleaning. RMA color coded; tagged cables. Sub-panel types have bracket type male and round Bakelite female plugs. Shpg. wt. 2 lbs.

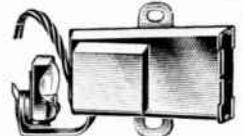
YF6400—No. 660—7 conductor cables 5 feet long for sub-panel mounting.

Your Cost.....**\$1.76**

YF6401—No. 612—12 conductor cable 4 feet long for sub-panel mounting.

Your Cost.....**\$2.94**

## Yaxley Shadow Meters



The most popular type of tuning indicator. Well constructed with translucent front window upon which the shadow appears. Can be used to replace other types or can be added in the circuit of any superheterodyne receiver. Comes complete with bulb. Color coded leads for connections. Shpg. wt. 1 lb.

YF6186—0-8 Mills.  
YF6187—0-10.5 Mills.

Your Cost, Either Type.....**\$1.47**

## YAXLEY Tip Jacks



No. 416—Popular round head type. Tinned solder lug terminal. Mounts in a 1/16" hole. Plated brass.

YF6437—List 10c  
Your Cost Each.....

**6¢**

## YAXLEY Pup Jack



No. 417—Nickel plated brass. Used for speaker connections, battery leads, etc. Mounts in a single 1/4" hole.

YF6455—  
Your Cost Each.....

**6¢**

## YAXLEY Radio Convenience Outlets



Antenna and Ground Outlet

No. 116—Has two pin jacks marked "Ant" and "Gnd." Comes complete with tip plugs. Shpg. wt. 1 lb.

YF6406—Brass  
YF6407—Bakelite  
List \$2.70

Your Cost Each.....**42¢**

## Aerial, Ground and Duplex A.C.

No. 216—Has two pin tip jacks and two A.C. receptacles. Furnished complete with two tip plugs. Shpg. wt. 1 lb.

YF6414—Brass  
YF6415—Bakelite  
List \$1.10

Your Cost Each.....**65¢**

## Seven Conductor Jack With Plug



No. 137—For Multiple Connections. Ideal for use with battery cables. Used in hotels and hospitals for loud speaker connections. Shpg. wt. 1 lb.

YF6410—Brass  
YF6411—Bakelite  
List \$2.50

Your Cost Each.....**\$1.47**

## Midget Jack Switches

No. 10—Midget Jack Switch requires less space on panel. Black Knob, Pointer and name plate. 3/16" hole mount, on panels up to 1/4" thick. Single pole, single throw.

YF6446—List 50c  
Your Cost.....

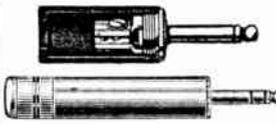
**29¢**

No. 11—Single pole, double throw.

YF6447—List 65c  
Your Cost.....

**38¢**

## YAXLEY Phone Plugs



No. 75—Bakelite housing. Screw terminals with coin slots. For phones, speakers, etc.

YF6295—  
Your Cost Each.....

**29¢**

No. 75TC—Same as above, but with inside loop for tie cord connection.

YF6345—Your Cost Each.....**35¢**

No. 75A—Same as No. 75, but with heavy nickel shell.

YF6346—  
Your Cost Each.....**\$1.32**

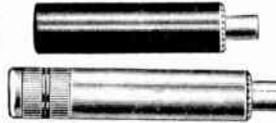
No. 76—Three-way microphone plug. Bakelite shell.

YF6296—Your Cost.....**44¢**

No. 76A—Same as above, but with heavy duty nickel shell.

YF6347—  
Your Cost Each.....**\$1.47**

## Extension Jacks



No. 100—Extension jack, fibre shell. For No. 75 plug.

YF6348—Your Cost Each.....**44¢**

No. 100A—Same as above, but with heavy duty nickel shell.

No. 75A plug.  
YF6349—Your Cost.....**\$1.47**

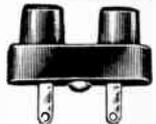
No. 101—Extension jack, fibre shell. For No. 76 microphone plug.

YF6320—  
Your Cost Each.....**88¢**

No. 101A—Same as above, but with heavy duty nickel shell.

No. 76A plug.  
YF6344—Your Cost.....**\$1.62**

## Moulded Twin Tip Jacks



Shorting Type No. 432—The circuit is automatically closed when the tips are removed. Moulded bakelite with single hole mounting. Red or Black. Specify color.

YM1303S—Your Cost.....**18¢**

## YAXLEY Junior Jacks



Much smaller and requiring less mounting space than the long jack, they are used where space is at a premium. Extends only 1 1/4" behind panel. Shpg. wt. 6 ozs.

YF6450—No. 701—Open circuit.

List 40c. Your Cost.....**23c**

YF6451—No. 702—Circuit closing.

List 55c. Your Cost.....**32c**

YF6435—No. 702B—Three circuit microphone. List 55c.

Your Cost.....**32c**

YF6452—No. 703—Sin. Cir. Fil. Control. List 65c. Your Cost 38c

YF6453—No. 704—Interstage. List 75c. Your Cost.....**44c**

YF6448—No. 706—Interstage Fil. Control. List 95c. Your Cost 56c

## YAXLEY Midget Jacks



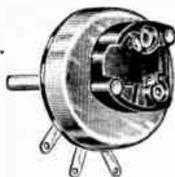
Especially compact size. Type A1 Infant Jack, illustrated at left. Others as per illustration at right. Mount in 3/8" hole.

Stock No.	Part No.	Type	Your Cost
YF6182	A-1	Open Circuit	15c
YF6183	A-2	Circuit Closing	23c
YF6184	A-2A	Two Circuit	29c
YF6348	A-3A	Cir. Reversing	35c

## NOTE

We can supply any Yaxley product not listed here at a discount of 40 and 2% from the list price. Other Yaxley items will be found listed on pages 154, 155 and 156.

# STANDARD TYPE VOLUME CONTROLS



## Trutest

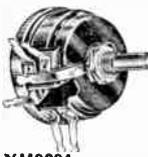
### TRU-TAPER POTENTIOMETERS

With Switch Your Cost **40¢** Without Switch Your Cost **28¢**

An entirely new line of fine quality volume controls at prices that are truly phenomenal. Extra hard carbon composition elements used in conjunction with a new multi-point wiping contact arm assure long and satisfactory service. Each and every unit, as the name "Tru-Taper" implies, is correctly tapered for the circuit for which it was designed. Shafts extend 1 3/4" from control. Provided with 3/4" bushings. Frames are of bakelite with metal dust covers. One of the eleven types shown in the listing will take care of any volume or tone control requirement.

Stock No.	Without Switch	Resist. in Ohms	Circuit
YH9070	YH9081	1000	Antenna Shunt
YH9071	YH9082	2000	Antenna Shunt, "C" Bias
YH9072	YH9083	5000	Antenna Shunt
YH9073	YH9084	10000	Antenna Shunt, "C" Bias and Ant.
YH9074	YH9085	25000	Antenna Shunt, "C" Bias and Ant.
YH9075	YH9086	50000	Screen Voltage or Tone Control
YH9076	YH9087	75000	"C" Bias Control
YH9077	YH9088	100000	Screen Voltage or Tone Control
YH9078	YH9089	250000	Audio Shunt or Tone Control
YH9079	YH9090	500000	Audio Shunt or Tone Control
YH9080	YH9091	1 Megohm	Audio Shunt or Tone Control

## Trutest Exact Duplicate Controls



RE-32  
RE-45  
RE-52  
RE-75

Fits chassis exactly. A noiseless control. Dual unit 3800, 3800 ohms.

YH9094  
Your Cost Each **85¢**

For RCA-Victor models 42, 48, R-14, R-15, R-17. Dual volume control: front section, 10,000 ohms; rear, 25,000 ohms.

YH9093  
Your Cost Each **\$1.15**

**PHILCO 20, 20A and 220**  
Exact duplicate. Similar in appearance to above. 285-5000 ohms. Bakelite case.  
YH9092  
Your Cost Each **79¢**

## For ZENITH Models 70 Series—Late Type



Used in models 50, 60, 70, 71, 72, 73, 77, 712, 722, 723 and 772. Later types, dual control, complete with switch. Resistance of sections 11,500 ohms and 110,000 ohms.

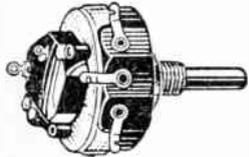
YH9095  
Your Cost Each **\$1.29**

## For ZENITH 50 Series

Single control with switch. Used in models 52, 53, 522, 532, 54, 55, 57, 62, 60, 61, 64 and 67. Fits the chassis exactly; no changes necessary to install.

YH9096  
Your Cost Each **79¢**

## CLAROSTAT AD-A-SWITCH WIRE WOUND VOLUME CONTROLS



Standard controls to which switch cover may be easily added. Diameter 1 1/8", mounts in 3/8" hole. Shaft insulated, and extends 1 1/2". Letters following resistance value indicate taper as follows: L—Untuned Ant.; N—Ant. or R. F. Coil; U—Combined Ant. and "C" Bias; V—"C" Bias; W—Screen Grid. Units with no letters following resistance are standard controls, uniform taper.

Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
YH7099	50	\$0.40	YH7087	3000	\$0.46
YF7098	100	.40	YF7086	3000U	.46
YF7097	200	.40	YF7085	3000V	.46
YF7096	300	.40	YF7084	5000	.46
YF7095	400	.40	YF7083	5000U	.46
YF7094	500	.40	YF7082	5000V	.46
YF7093	750	.46	YF7081	7500	.46
YF7092	1000	.46	YF7080	7500U	.46
YF7091	1000L	.46	YF7079	7500V	.46
YF7090	2000	.46	YF7078	10000	.51
YF7089	2000L	.46	YF7077	10000U	.51
YF7088	2000V	.46	YF7076	10000U	.51
YF6837	Switch Type Coverplate				\$0.24

## ELECTRAD UNIVERSAL Volume Controls



Employ newly perfected graphite element which is baked at high temperature to the flat outer surface of a molded bake-litening. Element cannot flex or warp, and is highly resistant to

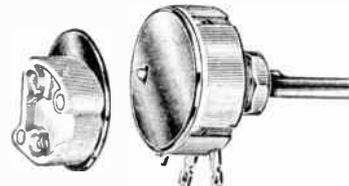
humidity. All controls housed in moulded bakelite cases, with metal end covers and aluminum shafts. Extend only 1/2" inside panel. Approved type switch may be easily added in a few moments to any control. Letters following resistance indicate taper, as follows: U—Uniform; A—Antenna Shunt or C Bias; C—C Bias; P—Audio Plate Control; GT—Audio Grid or Tone Control. Resistances from 10 to 5000 ohms employ wire wound elements.

Stock No.	Mfrs. No.	Res. Ohms	Stock No.	Mfrs. No.	Res. Ohms
YG7905	204*	10U	YG8083	560	7500A
YG8072	269W	20U	YG7924	283	10000U
YG8128	270W	30U	YG7912	240	10000A
YG8129	271W	50U	YG8091	573	12000C
YG8068	272W	100U	YG7902	201	15000A
YG7915	273W	200U	YG7921	279	25000U
YG7916	274W	400U	YG7922	280	25000P
YG7923	282W	600U	YG7913	241	30000P
YG7917	275W	800U	YH7906	205	50000U
YG7918	276W	1000U	YG7903	202	75000C
YG7909	232W	2000U	YG7914	242	100000GT
YG7910	233W	3000U	YG8125	281	200000U
YG7919	277W	4000U	YG7908	208	250000GT
YG7911	234W	5000U	YG7904	203	500000GT
YG7920	278	5000A	YG7907	206	1 Meg. GT

\* Indicates Rheostat Type Control.

Any Type, Your Cost **59¢** Switch only, YG8095 Your Cost **29¢**

## Centralab Radiohms

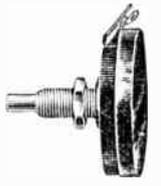


Centralab Radiohms carry ample current for any ordinary volume control circuit if the proper taper is selected, regardless of whether the original control was wire wound or carbon. Radiohms employ the patented non-rubbing contact that always turns smooth without wear. Case diameter of all units 1 3/8"; extend 3/16" behind panel.

Stock No.	Res. in Ohms	Control Tapered For
YG8260	10,000	Antenna Shunt or "C" Bias
YG8285	10,000	Antenna Shunt or "C" Bias (2 tubes)
YG8286	15,000	Antenna Shunt or "C" Bias
YG8261	25,000	Voltage Divider (Uniform)
YG8287	25,000	Antenna Shunt or ("C" Bias
YG8262	50,000	Voltage Divider (Uniform)
YG8288	50,000	Tone Control
YG8263	100,000	Voltage Divider (Uniform)
YG8289	100,000	Tone Control
YG8290	250,000	Audio Grid or Tone Control
YG8291	500,000	Voltage Divider (Uniform)
YG8264	500,000	Audio Grid or Tone Control
YG8265	1,000,000	Audio Grid or Tone Control
Any Type, Your Cost Each <b>34¢</b>		Switch Coverplate YH8665 Your Cost Each <b>15¢</b>

## Genuine Replacement Controls for Stromberg-Carlson Sets

Exact duplicate controls for early model Stromberg-Carlson receivers. All have carbon elements and are smooth and noiseless in operation. Shafts of proper length; no changes necessary to install. Original controls were manufactured by Frost. Bakelite cases, metal dust covers.



Models 635 and 636		Models 846 and 848	
Front Control	YG8322—Your Cost <b>70¢</b>	Front Control	YG8326—Your Cost <b>63¢</b>
Rear Control	YG8323—Your Cost <b>65¢</b>	Rear Control	YG8324—Your Cost <b>70¢</b>
Models 641, 642, 652, 654		Model 638	
Front Control	YG8325—Your Cost <b>50¢</b>	Front Control	YG8328—Your Cost <b>68¢</b>
Rear Control	YG8324—Your Cost <b>70¢</b>	Rear Control	YG8327—Your Cost <b>70¢</b>

# RADIO FREQUENCY CHOKES



## Hammarlund

### R. F. CHOKES Midget "CHX"

Small and lightweight supported by leads in compact receivers, or where space is at a premium. Excellent for grid return leads, B+ plate returns, etc. Length 1 1/2". Ind. 2.1-m.h., 125 ma., 35 ohms.



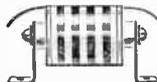
**YH10002**  
Your Price Each... **44¢**



Genuine helical winding in a moulded form. Large inductance with minimum of distributed capacity. For plate circuits and grid returns. Will pass 60 M.A. 85 M.H.,

a capacity of 3 mmf. D.C. res. of 215 ohms.  
**YH8525—Your Cost \$1.17**  
250 M.H. cap. of 2 mmf. D.C. res. 420 ohms.  
**YH8526—Your Cost \$1.32**

### Isolantite Radio Frequency Choke



Low loss choke designed chiefly for short wave receivers and transmitters. Size 1 3/8 x 1 3/8". Inductance 8 millihenries. D.C. resistance 70 ohms. Distributed capacity 3 mmf. Max. current 125 mls.  
**YH8524—**  
Your Cost Each... **65¢**

### Improved Shielded R. F. Choke



This choke is completely shielded in an aluminum shell. Size 1 1/2 x 1 3/8" diameter. Connections on the side of the can. Inductance 10 M.H. D.C. resistance 65 ohms. Max. current 100 mls. Code CH-10-S.

**YH8523—**  
Your Cost... **59¢**

### Mica Trimmers



Have Isolantite bases. Type A is 1 x 1 3/8"; mtg. centers 1 1/4". Type B has lug with hole for direct connections.

Stock No.	Type	Cap'y Mmfd.	Your Cost Each
YH9952	A	10-70	\$0.30
YH9953	A	70-140	.35
YH9954	A	140-220	.41
YH9955	A	600-1000	.59
YH9747	B	3-30	.18

### Equalizers

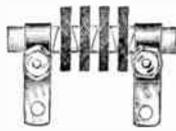
For neutralizing, balancing and trimming purposes. Mica dielectric, bronze plates, bakelite base. Great for hard-to-adjust sets.



Stock No.	Cap'y Mmfd.	Your Cost
YH9748	3-35	\$0.12
YH9749	25-80	.24

## Truest R.F. CHOKES

### Pie-Wound R. F. Chokes



For use in all types of high frequency receivers and in low power transmitters. Consist of a continuous four pie winding on a genuine Ceramite spool. Extremely low distributed capacity.

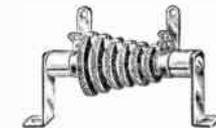
Stock No.	M.H.	Your Cost
YH10142	2.5	\$0.29
YH10143	5.5	.32
YH10144	10	.36
YH10149	60	.45

### Chokes



Lattice wound on wooden spools and accurately rated. Solder lugs. Compact, rigid winding. Will fit in narrow spaces. Easily mounted.

Stock No.	Your Cost
YH10100—8 Millihenries	<b>18¢</b>
YH10101—16 Millihenries	<b>21¢</b>



### "Crolite" R. F. Chokes

Wound on a new and highly efficient insulating material known as Crolite. Extremely low distributed capacity.



Stock No.	M.H.	Your Cost
YH10138	2.5	\$0.25
YH10139	5	.25
YH10140	10	.29
YH10141	25	.35

### Mounted Chokes



Lattice wound on bakelite bobbins and provided with soldering lugs. Extremely low distributed capacity. In sizes shown below.

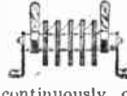
YH10104—6 Millihen.	<b>25¢</b>
YH10105—2.2 Millihen.	<b>14¢</b>
YH10102—5.5 Millihen.	<b>25¢</b>
YH10001—8 Millihen.	<b>25¢</b>
YH10000—60 Millihen.	<b>35¢</b>

### Transmitting Chokes

Extremely low power losses. Six lateral wound tapered sections on Isolantite base. Dist. capacity 1 mmfd.

Stock No.	Ind. M.H.	Curr. Ohms	Res. Ohms	Your Cost
YH10234	2.8	1000	5	\$1.10
YH10235	5.3	600	12.5	.98

### 500 Ma. R. F. Choke



Heavy duty transmitting choke for use in plate circuits carrying not over 500 mls. continuously or 750 intermittent-ly. 2.5 millihenries; 1.5 mmfd. distributed capacity. Shpg. wt. 8 oz.

**YH8522—List \$1.75**  
Your Cost... **\$1.03**

### Isolantite "Padders"



Highly efficient due to their extremely low loss characteristics. Minimum capacities

Stock Nos.	Range	Your Cost		
Single	Dual	Single	Dual	
YH9767	YH9771	7-80	\$0.16	\$0.38
YH9768	YH9772	27-180	.19	.45
YH9769	YH9773	58-325	.22	.47
YH9770	YH9774	94-419	.24	.50

## NATIONAL Chokes

### Short Wave R. F. Choke



An excellent choke for use in receivers or in low powered transmitters. Equal in size to the standard one watt resistor. Wound in 4 sections on Isolantite. Inductance 2 1/2 m.h., D.C. resistance 50 ohms, distributed cap., 1 mmfd., rating 125 milliamperes.

**YN14429—List 75c**  
Your Cost... **45¢**

### 90 Ma. R. F. Choke



90 millihenries choke suitable for short-wave or broadcast work.

**YN14422—Your Cost... 75¢**  
Short-wave choke, National No. 92. Rated inductance 5.2 millihenries. Fully shielded. Mounts with single screw. Solder lug terminals.  
**YN14423—Your Cost... 42¢**

### Transmitting Chokes



Isolantite mounted choke for medium and high power transmitters. Two types, one for 160 and one for 40 meters. Insulated for 10,000 volts. Inductance 4 millihenries; distributed cap., 1

mmfd.; D.C. resistance 10 ohms; cont. current rating 6 amp.; intermittent, 8 amp.  
**YN14399—For 160 Meters**  
**YN14394—For 40 Meters**  
Your Cost, Any Type... **\$1.35**

### H. F. Receiver Choke

Completely encased two-section honeycomb wound R.F. choke. Excellent for output circuits of detector stages, especially 2nd det. in super hets. Induct., approx. 12 m.h., D.C. resistance approximately 120 ohms.  
**YN14393—Your Cost... 75¢**

## ULTRA S. W. Tuning Coil



Designed for extremely short wave use, down to about 1 1/4 meters. Maximum wave-length possible approx. 10 meters. Employs a low-loss variable form which permits two interchangeable coils to be compressed or extended for tuning, synchronously varying an air-dielectric condenser. Constant "Q" factor, and constant L to C ratio at all frequencies covered. Supplied with 2 coils, one of which covers a range of 1 1/4 to 6 meters, the other—5 to 10 meters. Easily adaptable to any ultra S.W. receiver, 4 mounting brackets making installation simple. New in design and features, it will improve the overall efficiency of any ultra H.F. set. Shpg. wt. 2 lbs.  
**YN14008—**  
Your Cost... **\$2.75**

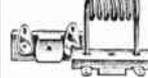
### 5 Meter Interruption Frequency Coil



For use as low frequency oscillator in 5 meter super-regenerative sets.  
**YN14321—**  
Your Cost Each... **49¢**

### NATIONAL 5 Meter Coil

Heavy copper air spaced winding. Steatite base. For 5 meter transmitters and receivers.  
**YN14449-XR-9 complete.**  
Your Cost... **27¢**



**VICTOR**  
Antenna Choke  
Models R32, RE45, R52, RE75  
Victor part No. 10444.  
150 turns No. 34 wire wound on wooden spool.  
**YH10122—**  
Your Cost Each... **6¢**  
Per Dozen... **65¢**

### COLUMBIA RF Choke

Especially designed replacement for the Columbia Screen Grid 8 receiver. Fibre form with lug terminals.  
**YH10145—**  
Your Cost Each... **35¢**



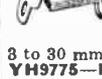
### Midget Trimmers

Extremely compact trimmers mounted on bakelite strips. Ideal for use in short wave sets. Have solder lug terminals. Capacity range from

3 to 30 mmfd.  
**YH9775—Each... 6¢**

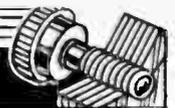
### Dual Trimmers

Similar to the above, but two trimmers mounted on single bakelite strip. Range 3-30 mmfd. each trimmer.  
**YH9776—**  
Your Cost Each... **14¢**

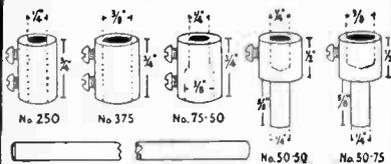


Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# Variable Condensers and Knobs



## Shaft Coupling and Shaft Extenders



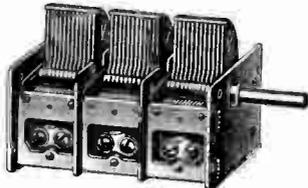
For mounting two or more condensers, rheostats, switches, etc. in tandem. Extenders for lengthening shafts of same. All accurately machined to the exact size as specified. 6-32 machine screws used on all couplers and extenders. Shafting, both fibre and brass, are full length and are straight.

YP15000 — 1/4" shaft coupling.  
 YP15001 — 3/8" shaft coupling.  
 YP15002 — 1/2" x 3/8" shaft coupling.  
 YP15003 — 1/2" x 3/8" shaft extender.  
 YP15004 — 1/2" x 1/4" shaft extender.  
 YP15005 — 3/8" x 1/4" shaft extender (not illustrated).

**Your Cost Each** ..... 9c  
 10 For ..... 90c  
 YP15010 — 6" length brass shafting. **10c**  
**Your Cost** ..... 10c  
 YP15011 — 6" length fibre shafting. **17c**  
**Your Cost** ..... 17c  
 YP15012 — 12" length brass shafting. **17c**  
**Your Cost** ..... 17c  
 YP15013 — 12" length fibre shafting. **24c**  
**Your Cost** ..... 24c

**Insulated Shaft Couplings**  
 YP15014 — 1/4" shaft coupling.  
 YP15017 — 1/4" reducer.  
 YP15018 — 3/8" reducer. **10c**  
**Your Cost Each** ..... 10c  
 10 For ..... 95c

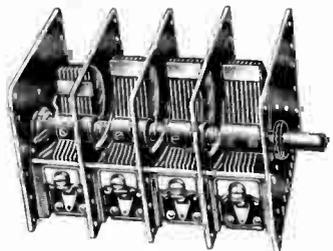
## Tru-test Variable Compact S. W. and Broadcast Condensers



With trimmers on 2 and 3 gang. Heavy aluminum plates. Ball bearing rotor. All units have low end plates and measure 1 7/8 x 3 1/8". Mounting holes provided on front, rear and bottom. Single section units have 1/4" shafts; multiple units have 3/8" shafts. Mounting centers spaced 1 13/16". Bakelite insulation. Capacities increase with clockwise rotation. Average shpg. wt. 2 lbs.

Short Wave Compact Condensers (TRF)				
Stock No.	Cap.	Gangs	Lgth.	Your Cost
YH9716	.00015	1	1 3/8"	\$0.72
YH9717	.00025	1	1 3/8"	.72
YH9718	.0001	2	2 1/2"	.95
YH9719	.00015	2	2 1/2"	.95
Broadcast Compact Condensers (TRF)				
YH9720	.000365	1	1 3/8"	\$0.75
YH9721	.000365	2	2 1/2"	.84
YH9722	.000365	3	3 3/8"	1.23
Condensers for 175 K.C. Supers				
YH9794	.000365	2	2 1/2"	\$0.84
YH9795	.000365	3	3 3/8"	1.23
Condensers for 456 K.C. Supers				
YH9796	.000365	2	2 1/2"	\$1.02
YH9797	.000365	3	3 3/8"	1.45

## "Precision" Condensers



Latest type, for use in Superheterodyne and T. R. F. receivers. All employ rigid construction, have ball-bearing shafts and have high shields between sections. Mountings for trimmers on right side (now located on left) permits transferring them. Mounting holes either end and at bottom. Aluminum end plates are slotted. Superhet condensers have specially cut oscillator section which eliminates the need for any "padder" circuits. T. R. F. condensers have all sections of identical capacity. All units listed below, both Superhet and T. R. F., have capacity of .00036 mfd., and have standard 3/8" shafts. All are 4 1/4" wide and 3 1/2" high.

"Precision" Condensers for Supers				
Stock No.	Gangs	Depth	Shpg. Wt.	Your Cost Each
YH9700	2	2 1/4"	2 1/2 lbs.	\$1.03
YH9701	3	4 1/4"	3 lbs.	1.52
YH9702	4	5 1/4"	5 lbs.	2.03
"Precision" Condensers for T. R. F.				
YH9703	2	2 1/8"	2 1/2 lbs.	1.03
YH9704	3	4 1/4"	3 lbs.	1.52
YH9705	4	5 1/4"	5 lbs.	2.03

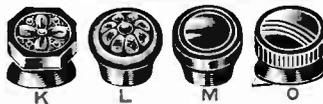


## Wood Radio Knobs

A complete selection of beautiful wood knobs for all types of radio receivers. Type J are black with chromium inlay. Types E and G are two-toned wood. Brass inserts assure perfect alignment. Steel set screws grip firmly. All 1/4" shaft.

Type	Large 1 1/4" Each \$0.10	Medium 1 1/8" Each \$0.09	Small 7/8" Each \$0.09
A	YH9860	YH9942	YH9864
B	YH9861	YH9943	YH9865
C	YH9862	YH9944	YH9866
D	YH9863	YH9945	YH9867
E		YH9946	YH9947
F			YH9948
G			YH9949
H			YH9950
J			YH9951
K			

**Your Cost** 1 1/4" knobs Per Dozen \$1.00  
**Your Cost** 1 1/8" knobs Per Dozen \$0.95  
**Your Cost** 7/8" knobs Per Dozen \$0.95



## Bakelite Radio Knobs

All of moulded Bakelite with walnut color finish. In plain and attractive designs to fill every requirement. All are for 1/4" shafts; Type M is screw type. Types T and V are for use with midget sets; Type M is two-toned walnut.

Stock No.	Illus.	Diam.	Your Cost Ea.	Cost per Doz.
YH9650	K	1"	8c	90c
YH9651	K	1 1/8"	7c	80c
YH9652	L	1 1/4"	6c	65c
YH9653	M	1 1/4"	8c	90c
YH9654	O	1 3/8"	7c	80c
YH9655	P	1 1/2"	6c	65c
YH9656	R	1 3/4"	7c	80c
YH9657	S	1 3/4"	7c	80c
YH9658	S	1 3/4"	8c	90c
YH9659	T	1 1/4"	6c	65c
YH9660	T	1 1/4"	6c	65c
YH9661	V	1"	6c	65c



## Drive Cabling and Belting Dial Drive Cable

16 Strand Phosphor Bronze braided wire.  
 YH9881 — 100 ft. Spool **65c**  
**Your Cost** ..... 1c  
 Per Foot ..... 1c  
 42 Strands Phosphor Bronze wire.  
 YH9872 — 100 ft. Spool **\$2.50**  
**Your Cost** ..... 4c  
 Per Foot ..... 4c

**Phosphor Bronze Belting**  
 Same as used in A.K., Crosley, Colonial sets.  
 YH9873 — 1/8" wide, .005" thick. Per 100 ft. Spool **\$2.89**  
**Your Cost** ..... 2c  
 YH9874 — 1/8" wide, .006" thick. Per 100 ft. Spool **\$4.12**  
**Your Cost** ..... 4c

**Linen Dial Cable**  
 Finest black linen braided cord. Breaking strength 200 lbs. per ft. Shpg. wt. 1 lb.  
 YH9882 — 100 ft. Spool **\$2.90**  
**Your Cost** ..... 5c  
 Per Foot ..... 5c

## Flexible Coupler



For coupling two 1/4" shafts. Ideal for coupling single condenser units or extend-shafts at an offset angle.

YH9750 Insulex. **Your Cost Each** ..... \$0.36  
 YH9751 Fibre. **Your Cost Each** ..... .24

## Flexible Coupling



Insulated with isolantite rod. Both types for 1/4" shaft.

YN14388 Length 1 3/4" **45c**  
**Your Cost Each** .....  
 YN14389 Length 3 1/4" **55c**  
**Your Cost Each** .....

## Drive Cables Bands and Belts



Any dial cable, belt or band not listed can be obtained on order.

Make of Set	Model	Stock No.	Net
Atwater Kent	35, 37	YH9822	\$0.15
Atwater Kent	44	YH9823	.24
Atwater Kent	46	YH9920	.15
Bosch	48A	YH9826	.15
Bosch	58, 60	YH9828	.15
Brunswick	15, 22 Front	YH9921	.24
Brunswick	15, 22 Rear	YH9922	.24
Brunswick	11, 21	YH9832	.15
Colonial	31, 32	YH9833	.25
General Motors	All	YH9923	.15
Kolster*	6J	YH9844	.24

Make of Set	Model	Stock No.	Net
Kolster	43, 44	YH9845	\$0.30
Majestic No. 1	70, 71, 72	YH9847	.12
Majestic No. 2	70, 71, 72	YH9848	.09
Majestic	15B, Lazyboy	YH9924	.24
Majestic	52, 60	YH9925	.13
Philco	71	YH9927	.15
Philco	91	YH9928	.15
RCA	46, 64, 67	YH9852	.18
RCA†	16, 17, 18, 33	YH9853	.12
Spartan	All	YH9854	.18
Steinert	All	YH9855	.18

\* Heavy cord with heads on ends; springs.  
 † Linen cord.

# DIALS

## CROWE Precision Tuning Dial



A new 3" dial designed for use with short-wave receivers, laboratory instruments, etc. Dial can be accurately read to .1 of one division. Open vision pointer permits addition of other bands in the center of the scale. Provides a spread of 270° for 180° condenser rotation. Dial ratio 14½:1, free from backlash. Plated scale and

pointer serves as electrostatic shield to prevent body capacity effects. Shpg. wt. 2 lbs.  
YH9883  
Your Cost Each **\$2.64**

## Lafayette 4-Band Airplane Dial

A highly decorative dial calibrated in 4 wave bands. American broadcast band is etched in large figures on large ring which makes an ideal escutcheon. Continuous coverage from 11 mc. to 1.5 mc., and 550 to 1500 kc. Shpg. wt. 1 lb.



YH9817  
Your Cost **\$1.49**

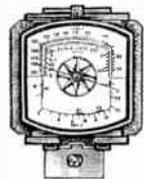
## New "Band Spread" Airplane Dial



No finer dial could be desired for short wave receivers—has both a dual pointer and "second hand." The "second hand" or "band spread" ratio is 36:1, making critical or "fine" tuning simple. In addition to this band spread feature it has 2-speed tuning control so that the dial to condenser ratio is: normal 24:1, slow speed 125:1. Diameter 3½". For ¾" shaft. Includes 2 pilot light sockets, bronze escutcheon plate, and double knob. Shpg. wt. 2 lbs.

YH14221  
Your Cost **\$2.25**

## Modern 3-Band Airplane Dial



This attractive modernistic dial will dress up any receiver. Scale supplied is calibrated for 3 bands, 550 to 1700 kc, 1.75 to 5 mc., 5 to 20 mc. Bands clearly marked and all scales easily and directly read. Ratio 12:1 in 180°, diameter 3½". Obtainable for ¾" or ½" condenser shafts. No necessity for special cabinet cut-out—will fit standard 3½" round opening. Bronze escutcheon only. Shpg. wt. 1 lb.

YH9908 ¾" shaft.  
Your Cost **97¢**  
YH9909 ½" shaft.  
Your Cost **97¢**

## Airplane Dials

Positive friction drive—no backlash. Has 2 pilot bulb sockets. Bronze finished escutcheon. For ¾" or ½" shaft, please specify which is desired. Brown figures on buff colored dial. Black double ended pointer. Very neat and attractive. Shpg. wt. 2 lbs.



Stock No.	Diam.	Ratio	Your Cost
YH14150	2½"	6½:1	\$0.89
YH14151	3½"	8½:1	1.05
YH14152	3½"	10:1	1.15
YH14153	4½"	12:1	1.39

## CROWE Airplane Dial

### Dial

Calibrated for 4 bands; 550-1500 KC, 1500-4000 KC, 4-10 MC, 9-23 M.C. Bronze Escutcheon 4½" diam. Scale diam. 4". For ¾" or ½" shaft. Knob shaft ¼". Ratio 7:1 over 180°. Shpg. wt. 2 lbs.

YH9879  
Your Cost **\$1.75**



## CROWE Midget Airplane Dial



3" dial. Ratio 7:1 in 180°. Pointer and condenser travel in opposite directions. Glass face. Shaft for ¼" knob. No backlash. With ¾" bronze bezel. Shpg. wt. 1 lb. For ¾" or ½" Cond.

YH9884  
Your Cost Each **\$1.49**

## Special Airplane Dial

Full vision type. Ratio 6:1 in 270°. Has 2½" dial protected by glass lens. Black figures, metal arrow pointer. Lower scale graduated in K.C., upper scale from 0 to 10. Suitable for dual-wave sets; i.e. broadcast and short or long waves. Comes with pilot light socket and 3½" bezel. Mounts on ¾" condenser shaft. Shpg. wt. 1 lb.

YH9912—Your Cost **56¢**



# NATIONAL DIALS



### TYPE "B" and "BM"

Variable ratio of 6 to 1 and 20 to 1. Black bakelite shell, 4" diameter. Type "B" is without light or bracket.

YH14367—Clockwise; 200 to 0; 360°.  
YH14368—Dual; 0 to 100 to 0; 180°.  
Your Cost **\$1.65** Each.

### Dial Illuminator and Bracket

YH14352—List 50¢  
Your Cost **30¢**

### Type "BM"—3" Dial

Similar to Type "B". Diameter 3". Does not incorporate variable ratio feature, and is not illuminated. List \$2.50

YH14371—Dual range; 0 to 100 to 0.  
YH14372—Clockwise; 200 to 0. **\$1.50**  
Your Cost, Each.



This is a 4" Precision Instrument Dial, equipped with original, and unexcelled Velvet Vernier mechanism, assuring a smooth, positive, and reliable drive. Reading possible to 1-10 of a division. Ratio 5 to 1.

YH14363—0 to 100; 180°.  
YH14365—150 to 0; 270°.

YH14364—100 to 0; 180°.  
YH14366—200 to 0; 360°.  
List \$6.75. Your Cost Each **\$4.05**

### TYPE "NW"

A 6" Precision Dial, with standard Velvet Vernier mechanism, with firm and positive drive. Reads to a tenth of a division, and may be estimated to a twentieth. Equipped with a three-point variable ratio. Standard size hub ¾".

YH14360—100 to 0; 180°.  
YH14361—150 to 0; 270°.  
YH14362—200 to 0; 360°.  
List \$15.00. Your Cost Each **\$9.00**



## CROWE Instrument Dial

A chromium plated die-stamped metal dial excellently suited for oscillators and other testing equipment. Also for short wave receivers and transmitters. Supplied with vernier scale for precise tuning and to reduce eye strain when tuning to fraction of a degree. Gives commercial appearance to sets. Shpg. wt. 1 lb.



Stock No.	Diam.	Rot.	Div.	Your Cost
YH14236	4"	270°	100	\$1.47
YH14237	2½"	270°	100	.97
YH14238	4"	180°	100	1.47
YH14239	2½"	180°	100	.97

## New Airplane Dial



Improved type. Affords a ratio of 6 to 1 in 180°. Two scales on a translucent dial; upper scale calibrated from 0 to 100 and lower scale from 100 to 0. Knife edge pointer covers entire scale. Diameter of scale 3½". Comes with escutcheon plate. Shpg. wt. 1 lb.

YH9800—¼" Shaft.  
YH9802—¾" Shaft.  
Your Cost, Either Type **98¢**

## Kurz-Kasch Dials

Made of molded Bakelite. Requires only one hole over condenser shaft and two small holes to secure dial to panel. Dial ratio 8 to 1. No backlash. Fits ¼" shaft. Shpg. wt. 1 lb.



Stock No.	Range	Size	Your Cost Each
YH9803	200-0	4"	<b>50¢</b> .41
YH9804	0-200	4"	
YH9805	100-0-100	4"	
YH9806	0-100-0	3"	

## Fan Type Dial

Outside diameter dial 4". For ¾" shaft. Celluloid scale. 0-100 clockwise. Has pilot light socket. Escutcheon plate 2¼" high, 2¾" wide. Shpg. wt. 1½ lbs.



YH9813—Dial only **45¢**  
YH9814—Escutcheon Plate, Extra. **12¢** Each



## Genuine Mazda Pilot Bulbs

Used for radio dial lamps, indicators, etc. Standard carton contains 10 bulbs. Shpg. wt. 8 oz., per box of 10.

Stock No.	Volts	Amps.	PKGE.	Your Cost
YL12250	2.5	0.50	OF	\$0.53
YL12251	3.2	0.45	OF	.69
YL12252	6.8	0.50	10	.53

## SPECIAL AIR CELL BULB

Tubular bulb, miniature base. 2 volts, 0.06 amps. Has lowest current drain of any bulb. YL12274—10 for **\$1.75**

Your Cost Each **20¢**

## VICTOR-MAZDA Pilot Bulb

Intermediate base, frosted bulb. 110 volts. For use in Colonial, Victor, and other receivers. YL12253—Carton of 10, **\$1.65**

Your Cost Each **17¢**

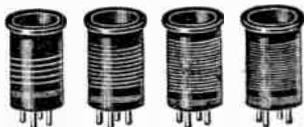
## SPECIAL AUTO RADIO BULB

Round bulb, miniature base. 6-8 volts, 0.15 amps. Sm 1 size. 10 for 70¢  
YL12273—Your Cost Each **8¢**

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# Truest

## Small Eared Coils and Forms



New small short-wave coils wound on bakelite forms equipped with ears for handling three H.F. coils are spaced wound, two being wound with enameled wire. Each coil individually color coded. Ranges: 10-21; 20-41; 40-81; and 80-200 meters with .00014 mfd. condenser. Four coils to set.

- YH10040**—Set of coils  
Your Cost..... **87¢**  
2 B.C. coils, 185-565 meters
- YH10041**—Your Cost..... **55¢**  
Ultra S.W. coil, 9.5-21 meters
- YH10039**—Your Cost..... **35¢**  
Four coils similar to above but with 6 prongs and having primary, secondary and tickler windings
- YH10042**—Set of four **\$1.35**  
Your Cost.....  
2 B.C. coils, similar to XH10041, but having three windings like above
- YH10043**—Set of two  
Your Cost..... **87¢**  
Ultra S.W. coil, 9.5-21 meters, similar to YH10039, but with three windings.
- YH10044**—Your Cost Ea. **39¢**  
Coil Forms only, similar to above, but no winding.
- YH10060**—4 prong. **YH10061**—5 prong. **YH10062**—6 prong  
Your Cost Ea., Any Type **11¢**

### Band Spread Coils



Provided with adjustable band setting condensers mounted on top of each coil. For use with 140 or 150 mmfd. tuning condenser. Forms have 6-prong bases.

Stock No.	Meter Band	Stock No.	Meter Band
YH9973	19	YH9977	40
YH9974	20	YH9978	49
YH9975	25	YH9979	80
YH9976	31	YH9980	160

Your Cost Each, Any Type..... **52¢**



### Tube Base S. W. Coils

These coils are efficient in operation. Have 4-prong bases. Shpg. wt. 1 lb.

**YH9981**—Set of four coils, 15 to 200 meters  
Your Cost Special..... **45¢**



### Air-Tuned I.F. Transformers

Pie-wound transformer with air-tuned condensers. Double tuned. Assures more constant gain and selectivity than compression type mica condenser tuned

I.F.T.'s which vary with temperature and humidity. Shpg. wt. 2 lbs. each unit.

**YH10200**—175 K.C., interstage. Your Cost..... Any Type **\$1.79**

**YH10201**—175 K.C., diode stage. Your Cost..... Each

**YH10202**—465 K.C., interstage. Your Cost.....

**YH10203**—465 K.C., diode stage. Your Cost.....

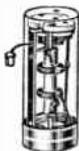
### Beat Frequency Oscillator

**YH10208**—Double air-tuned and fitted with vernier tuning device. Includes grid leak and condenser. Shpg. wt. 2 lbs.  
Your Cost..... **\$2.10**

# Hammarlund

## LITZ WOUND I.F. TRANSFORMERS

### Air-Tuned



These air-tuned I.F. transformers will retain their original settings to within 1-10 of 1% as compared with transformers using mica dielectric condensers that have a change of 2% or more.

Shield can is 2 1/8" wide by 5" high. Equipped with tuning lever to vary beat note. A 1000 or 1500 cycle beat note is produced for C.W. reception. Shpg. wt. 1 lb.

**YH8542**—465 K.C. I.F.  
**YH8495**—465 K.C. c.t.  
**YH8543**—465 K.C. beat osc.  
**YH8544**—175 K.C. I.F.  
**YH8493**—175 K.C. c.t.

Your Cost, Any Type..... **\$2.65**

### Mica Tuned



Specially designed for experimental and replacement purposes. 465 K.C. is Litz wound. The twin coils are of 10-41 Litz with a power factor of .01 or a Q of 100. Coupling is very slightly below optimum. Tuned by adjustable condensers with mica dielectric and Isolantite base. Wax impregnation and sturdy construction provide excellent stability. The shield can is 1 3/8" square by 2 3/4" high.

**YH8539**—Peaked at 175 K.C.  
**YH8540**—Peaked at 465 K.C.

Your Cost, Either Type..... **97¢**

### Variable Coupling I.F. Transformers



Latest in I.F. transformer design. Employed in modern types of high-fidelity receivers. Designed to offer the maximum in selectivity or fidelity, as desired, by simply varying coupling between two windings. Uses triple pie-wound Litz coils. Air-tuned condensers.

**YH8537**—465 K.C. List \$5.50  
Your Cost..... **\$3.24**  
**YH8535**—175 K.C. List \$5.50  
Your Cost..... **\$3.24**  
**YH8536**—Panel control mechanism—up to 4 I.F.T.'s  
Your Cost..... **\$1.47**

### HAMMARLUND "XP-53" Short-Wave Plug-in Coils

Constructed using "XP-53", the newly developed low loss material. Unaffected by moisture or temperature changes. Precision wound on ribbed forms. Fit standard sockets. Size 3 1/4" long, 1 3/8" diam. Shpg. wt. 1 lb.

**Short-Wave Coils**—4-prong—two winding coils covering from 16 to 217 meters. Four coils to a set.

**YH9788**—Set of Four **\$1.76**  
Your Cost.....

### Individual 4-Prong Coils

**YH8474**—17-41 meters..... 59¢  
**YH8475**—33-75 meters..... 59¢  
**YH8476**—66-150 meters..... 44¢  
**YH8477**—135-270 meters..... 44¢

### Broadcast Coil—4-Prong

Covers 225 to 560 meters.  
**YH9790**—Your Cost..... **73¢**

Similar to the above, but with six prongs and three windings.  
**YH9791**—Your Cost..... **88¢**



**6-Prong Coils**—3 windings. Similar to the 4-prong type coils, but with 6 prongs (tickler winding).

**YH9789**—Set of Four. **\$2.20**  
Your Cost.....

### Individual 6-Prong Coils

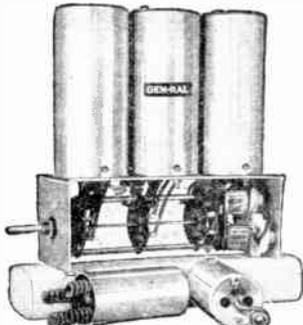
**YH8478**—17-41 meters..... 73¢  
**YH8479**—33-75 meters..... 73¢  
**YH8480**—66-150 meters..... 59¢  
**YH8481**—135-270 meters..... 59¢

### Unwound Coil Forms

Stock No. Your Cost Each

YH9970	4-prong	21¢
YH9971	5-prong	
YH9972	6-prong	24¢

## GEN-RAL Multi-Wave Units



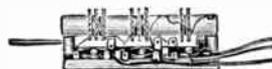
**YH9875**—Four-Band Unit, range 540 to 22,000 K.C.; for use with 3 gang .00037 mfd. variable condenser with 2-I.F.T.'s, and complete specifications for building a multi-wave receiver of modern design. Shpg. wt. 5 lbs. **\$9.35**  
Your Cost.....

Completely assembled and aligned multi-wave coil units that simplify construction and wiring for even the most inexperienced layman. Consists of Antenna, R.F. and Oscillator coils, completely shielded, on metal superstructure with range changing switch, trimmers and padding condensers. These components are all wired and pre-aligned at the factory—so that the greatest of difficulties in superheterodyne receiver construction, of the multi-wave type, are automatically eliminated. Units include hi-gain I.F. transformers, 465 K.C., schematic and pictorial wiring diagrams, layout plans and all necessary instructions.

**YH9876**—Four-Band Unit for short-waves only. Covers range from 1.5 to 18 megacycles with .00014 mfd. variable condenser (3-gang). Supplied with 3-507 K.C. I.F.T.'s, 1-Beat Oscillator Coil, diagrams and instructions. Shpg. wt. 5 lbs. **\$11.67**  
Your Cost.....

# TOBE

## Triple-Tuned, Link Circuit I.F. Transformer



Identical to those employed in the famous Browning 35 receiver. Pi-windings, the middle winding being the "link" circuit. Extreme selectivity, yet gives full band width amplification. Type Range 440-470 K.C. only. Shpg. wt. 1 lb. each.  
Stock No. Connection Your Cost  
**YH9901** Inter Stage **\$1.62**  
**YH9902** Diode Stage **1.62**

### Litz Wound Air-Tuned Hi-Gain I.F.T.'s



For those who demand the finest in fixed coupling I.F. transformers. "Pi" wound with high quality Litz wire. Double tuned precision air condensers. Available for 456 K.C. only, range 440-470 K.C. Available for inter-stage or diode connection. Shpg. wt. 2 lbs.

**YH9993**—Inter Stage, Hi-"Q". Your Cost..... **\$2.20**  
**YH9994**—Diode Stage, Hi-"Q". Your Cost..... **\$2.06**  
**YH9995**—Inter Stage, Med-"Q". Your Cost..... **\$2.06**  
**YH9996**—Diode Stage, Med-"Q". Your Cost.....

### Variable Coupling I.F. Transformers

#### Air-Tuned

Designed with panel control that permits ganging of units. Continuously variable selectivity without affecting tuning. Improved rugged construction—with air-tuned condensers. Supplied mounted



with variable control shaft and knob. 456 K.C. units adjustable from 440-470 K.C. Shpg. wt. 2 lbs. each.

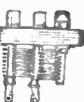
Stock No.	Freq.	Connec- tion	Your Cost
YH10209	175	K.C. interstage	\$2.94
YH10210	175	Diode	
YH10211	456	Interstage	
YH10212	456	Diode	Any Type

### Beat Frequency Oscillator Coil—Air-Tuned



This beat frequency oscillator assembly consists of an efficient coil winding and a high quality air dielectric variable condenser. The pitch of the beat note is adjustable. Unit includes grid-leak and condenser. Frequency is adjustable from 440-470 K.C. Shpg. wt. 2 lbs.  
**YH10213**—Your Cost **\$2.06**

### Air-Tuned Padders and Trimmers



Miniature variable condensers, mounted on Isolantite bases. Possess low power factor and maximum stability of capacity under varying temperature and humidity conditions. Ruggedly made.

Stock No.	Cap. Range	Circuit Use	Your Cost
YH10214	2-7 mmf.	Trimmer	\$0.44
YH10215	3-17 "	Trimmer	.50
YH10216	34-67 "	Padder	.76
YH10217	75-110 "	Padder	.88

# Super-Het & T.R.F. COILS

## Super Het. Oscillator and Antenna Coils



These are lateral wound matched coils that may be used together or separately, if desired; or for replacement purposes. Broadcast coils range: 550 to 1500 K.C. Short-wave and broadcast combination coils range includes above range and 1500 to 4000 K.C. Oscillator coils for both 175 and 465 K.C. I.F. Very efficient coils—accurately matched, designed for use with a .00035 mfd. variable condenser.

Stock No.	Range	Your Cost
YH10079	S.W.-B.C.	\$0.57
YH10080	B.C.	.42

### Antenna Coils

### Oscillator Coils

Stock No.	Range	I.F. K.C.	Your Cost
YH10081	B.C.	175	\$0.45
YH10082	B.C.	465	.45
YH10083	S.W.-B.C.	175	.65
YH10084	S.W.-B.C.	465	.65

## Composite Oscillator and I.F.—175 K.C.

High grade composite coil used as the first detector, oscillator and first I.F. transformer. Eliminates the use of one tube. Top tuning. Factory peaked at 175 K.C. No padding necessary as it is made for the special tracking oscillator section of variable condensers of .00036 mfd. in square aluminum can 3x2" square. Shpg. wt. 3 lbs. YH9997—Your Cost Each **\$1.25**



## Truest High Gain I.F. Transformers

### Midget Coils



175 K.C. units single silk enameled wire wound; 456 K.C. units Litz wire wound. Employs 2-in-1 Isolantite base trimmer. Two bronze springs hold entire unit in the shield. Can size 1 1/2 x 2 3/4" high. Shpg. wt. 8 oz.

YH10021—175 K.C.

YH10022—456 K.C.

Your Cost, Either Type

**80¢**

Similar to the above, but with tapped secondary for Wunderlich 55, 75, 6B7, 2B7, etc. tubes.

YH10023—175 K.C.

YH10024—456 K.C.

Your Cost, Either Type

**85¢**

### "Square Can" Units



175 K.C. units single silk enameled wire wound; 456 K.C. units Litz wire wound. Has 2-in-1 Isolantite base trimmer. Housed in square aluminum can, 2" square, 3" high. Long leads for direct wiring. Shpg. wt. 8 oz.

YH10075—175 K.C.

YH9709—456 K.C.

Your Cost, Either Type

**80¢**

Similar to the above, but with center tapped secondary for Wunderlich 55, 75, 6B7, 2B7, etc. tubes.

YH10114—175 K.C.

YH9713—456 K.C.

Your Cost, Either Type

**85¢**

### Shielded R.F. Coils



These coils are used by many set manufacturers. Exceptionally high gain is provided. For use with .00035 condenser. All coils are matched to each other. Types available: R.F. and Antenna Coils, both shielded. Mounted in shield cans 2 1/2 x 2 3/4" high. Shpg. wt. 8 oz. YH10087—Set of 2 R.F. and 1 Ant.

Your Cost

YH10088—Set of 3 R.F. and 1 Ant.

Your Cost

YH10019—Ant. Coil only

YH10020—R.F. Coil only

Your Cost, Either Type

**75¢**

**\$1.00**

**27¢**

## Truest T.R.F. Coil Kits Litz Wire Bank Wound



Litz wire coils on 1/16" diameter forms 2 1/4" long. Mounted in shields 1" in diameter, 2 1/2" long. Have mounting lugs. Designed for use with .00036 mfd. condenser. Blue print furnished with each kit.

2 Coils: 1 Antenna, 1 R.F.

YH10045—Your Cost

3 Coils: 1 Antenna, 2 R.F.

YH10046—Your Cost

4 Coils: 1 Antenna, 3 R.F.

YH10047—Your Cost

YH10089—Antenna Coil only

YH10090—R.F. Coil only

Your Cost Each, Either Type

**98¢**

**\$1.48**

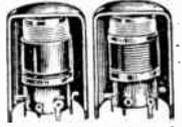
**\$1.95**

**34¢**

## Shielded Litz R.F. and Antenna Coils

### 175 to 550 Meters

For T.R.F. or Super heterodyne receivers, when used with proper oscillator coil. Precisely matched. Completely shielded in can whose dimensions are 1 3/4" diameter, 2 1/4" high with two 1/2" spade lugs. Available with high or low impedance primaries. When used with screen-grid tubes high impedance primaries are desirable in order to secure proper gain. Windings are of solenoid type—which results in a coil of maximum inductance (for given amount of wire) and least R.F. resistance. Designed for use with .00035 mfd. variable condenser. Covers complete R.C. band—175 to 550 K.C. Each coil supplied complete with instructions and diagram for connecting.

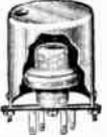


Stock No.	Type	Pri. Imp.	Your Cost
YH10076	Ant.	Low	\$0.34
YH10077	Ant.	High	.34
YH10078	R.F.	Low	.40
YH10085	R.F.	High	.40

## Oscillator Coil for 2A7 or 6A7 Tubes

A precision wound oscillator coil, thoroughly impregnated and housed in a metal shield. For 175 K.C. I.F. Made to track with a 1000 mmfd. padding condenser and .000365 variable condenser. Size 1 1/2 x 1 1/2". Shpg. wt. 8 oz. YH10029—Your Cost Each **59¢**

Similar to the above, but for 456 K.C. I.F. Made to track with a 500 mmfd. padding condenser and .000365 variable condenser. Shpg. wt. 8 oz. YH10031—Your Cost Each **59¢**



## Matched Antenna and R.F. Coils

### 75 to 550 Meters

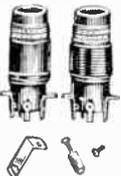
Dual-wave coils, with hi-impedance primaries—for screen grid tubes. Range: 75 to 200 meters, and 200 to 550 meters. For use with 360 mmfd. variable condenser, although standard .00035 mfd. variable may be used with slight reduction of top end of each range. Coil dimensions are 1 1/2 x 2 1/2" long. Supplied with mounting bracket, dowel and hardware so that the coils may be mounted in any position. Wiring diagram and instructions showing coil connections.

YH10003—Antenna Coil

YH10004—R.F. Coil

Your Cost Each

**33¢**



## Poly-Iron

A NEW line of R.F. and I.F. inductances. Employs cores made of Poly-Iron, a finely divided iron material, which increases the inductance of a coil without a proportionate increase in losses. Requires less turns of wire. The use of these coils will increase the gain per stage as well as selectivity. I.F. transformers for 456 or 175 K.C. Specify type desired.

YH10218—Double air-tuned I.F.T. (See Fig. A.) List \$5.50

Your Cost

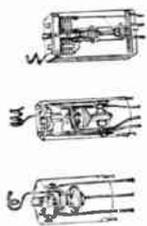
YH10219—Same as above, but mica tuned. Specify I.F. peak.

Your Cost

YH10220—Ant. Coupler. (Fig. C.)

Your Cost

## Aladdin Inductances



**\$3.24**

**\$1.76**

**\$1.18**

## Short-Wave and Broadcast Hi-Gain Litz Coils

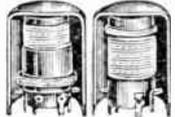
### 120 to 200 Meters

200 to 545 Meters. Completely shielded 2-band coils. Comprises hi-impedance primary with Litz wound secondary tapped for low wavelengths. For use with .00035 mfd. variable condenser. Can 1 1/4" diameter and 2 1/4" high, with spade bolts for mounting. Also diagram.

YH10005—Antenna Coil

YH10006—R.F. Coil

Your Cost Each



**47¢**

## Unshielded R.F. Coils

### 80 to 550 Meters



Compact and efficient short-wave and broadcast coils. Short-wave range 80 to 200 meters. Broadcast range 200 to 550 meters. Lateral wound primaries and secondaries. For .000365 condenser. Diagram with each.

YH10037—Antenna Coil

YH10038—R.F. Coil

Your Cost Each

**55¢**

## Antenna, R.F. and Oscillator Coils

### 15-55 and 200-550 Meters

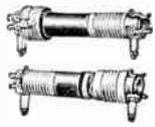
Very popular style of coil. Covers two most desired ranges, domestic broadcast and foreign short-waves. Short-wave section is space-wound on threaded bakelite. Mounting bolts on dowel stick facilitate proper installation. For use with .000365 variable condenser (standard type). Supplied with diagram.

Your Cost

YH10007—Antenna Coil **50.69**

YH10008—Oscillator Coil (456 K.C.) **.59**

YH10009—R.F. Coil **.69**



## R.F. and Antenna Coils

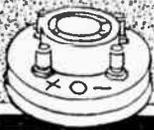
### 175 to 550 Meters

Matched real hi-gain coils for T.R.F. receivers. Litz bank-wound secondaries with either high or low impedance primaries, as desired. Supplied complete with mounting bracket, dowel and brass mounting screws. Coil diameter 1 1/2 x 2 1/2" long. For use with standard .00036 mfd. variable condenser. Coil connection diagram with each. Excellent for replacement for constructors.

Stock No.	Type	Prim. Imp.	Your Cost
YH10010	Ant.	Low	\$0.29
YH10011	R.F.	Low	.34
YH10012	Ant.	High	.29
YH10095	R.F.	High	.34



Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

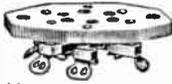


# Sockets



## HAMMARLUND Insulantite Sockets

Glazed top and sides, rust proof side grip—spring contacts  $2\frac{1}{2}$ " long by  $1\frac{1}{2}$ " wide.  
**YH8496**—4-prong.  
**YH8497**—5-prong.  
**YH8498**—6-prong.  
**YH8530**—7-prong, small.  
**Your Cost Each, Any Size**..... **35¢**



## NATIONAL Insulantite Sockets

These Insulantite sockets reduce losses to a minimum. Suitable for either standard sub-panel or base board mounting. Prongs are self-cleaning type and grip securely.  
**YN14425**—4-prong.  
**YN14426**—5-prong.  
**YN14427**—6-prong.  
**YN14439**—7-prong.  
**YN14477**—8-prong.  
**YN14428**—Special 6-prong type for National coils.  
**Your Cost, Any Type**..... **36¢**



## New Clip-Tite Bakelite Sockets

A new type sturdy socket made of molded bakelite. Has long contacts which grip tube pins firmly. Socket mounts in special adapter plate and is held in place by a locking ring. Slotted mounting holes permit replacing of any socket having from  $1\frac{1}{2}$ " to 2" mounting centers.  

Stock No.	Prongs	Stock No.	Prongs
<b>YM13057</b>	4	<b>YM13060</b>	7, large
<b>YM13058</b>	5	<b>YM13061</b>	7, small
<b>YM13059</b>	6		

**Your Cost Each**..... **7¢**  
**YM13050** 8 pr. For Metal Tubes. **Your Cost**..... **9¢**

## ISOTEX Sockets

For high and ultra-high gain circuits. Made of Isotex, top and sides glazed to resist moisture. Reinforced springs give perfect contact and eliminate noise. Size  $2\frac{1}{4}$ " long,  $1\frac{1}{2}$ " wide. Mounting hole centers  $1\frac{1}{2}$ ". Grooved top.  
**YM13064**—4-prong. **Your Cost Each**..... **25¢**  
**YM13065**—5-prong. **Your Cost Each**..... **27¢**  
**YM13066**—6-prong. **Your Cost Each**..... **28¢**  
**YM13067**—7-prong. **Your Cost Each**..... **30¢**  
**YM13068**—8-prong. **Your Cost Each**..... **32¢**

## 8 Prong Octal Socket

New circuits, conversion jobs, etc., are all possible as a result of the development of the new metal tubes. The socket illustrated is made of Insulex, and is ideally suited for all new 8 prong tubes. Base mounting type only.  
**YM13089**—  
**Your Cost Each**..... **38¢**



## Wafer Sockets for Glass and Metal Tubes

Made of laminated bakelite with one-piece contact springs, cadmium plated. State marking desired. Mounting centers  $1\frac{1}{2}$ ".  

Stock No.	Prongs	Markings Available
<b>YM13070</b>	4	Plain, or 2A3, 5Z3, 230, 231, 232, 34, 245, 250, 171A, 280, 281, 82, 83, 12A, 01A, 10, 26.
<b>YM13078</b>	5	Plain, or 6A4, 224, 27, 33, 35, 36, 37, 38, 39, 46, 47, 56, 84.
<b>YM13071</b>	6	Plain, or 1A6, 2A5, 2A6, 25Z5, 41, 42, 43, 48, 55, 57, 58, 75, 77, 78, 79, 85, 89, 6C6, 606.
<b>YM13069</b>	7 S. & L.	Plain, or 2A7, 2B7, 6A7, 6B7, 6F7, 53, 59.

**Your Cost Each, Any Type**..... **5¢**



## Midget Sockets for Glass and Metal Tubes

Especially designed for compact or midget receivers. Mounting holes, from center to center,  $1\frac{1}{2}$ ". Laminated bakelite construction with one-piece contact springs. Available in plain only.  

Stock No.	Prongs	Cost Each	Per Doz.
<b>YM13114</b>	4	<b>5¢</b>	<b>\$0.55</b>
<b>YM13115</b>	5		
<b>YM13121</b>	6		
<b>YM13122</b>	7S. or L.	<b>6¢</b>	<b>\$0.65</b>
<b>YM13127</b>	8		



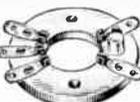
## Pilot Light Bracket

Excellent indicator. Choice of green, red or amber. Specify color desired.  
**YF6436**—  
**Your Cost Each**..... **16¢**

**Candelabra Base**  
**YF6412**—Same as above, but for 110 V. Specify color. **Your Cost Each**..... **21¢**  
**YF6413**—Jewels only with locking nut. Specify color **Your Cost Each**..... **10¢**

## HAMMARLUND H. F. Acorn Socket

Extruded low-loss Insulantite base, with aligning plug, sides and plug highly glazed. Silver plated double grip spring clips.  $1\frac{1}{8}$ " dia. Good for .5 to 5 meter work. List \$1.50 each.  
**YH8473**—  
**Your Cost**..... **88¢**



## NA-ALD Bakelite Tube Sockets

### BASE MOUNT TYPES

Designed for bread board mounting and for Laboratory use. Made of bakelite, with Na-Ald special contact springs. Fitted with binding posts at the terminals of the socket. All connections marked. Makes a neat appearing job.  

Stock No.	Prongs	Your Cost Each
<b>YK11692</b>	4	<b>12¢</b>
<b>YK11693</b>	5	
<b>YK11694</b>	6	
<b>YK11695</b>	7 S	
<b>YK11696</b>	7 L	



## Sub-Panel Sockets

A small-sized 5-prong socket of black moulded insulating Makalot. Panel hole  $1\frac{1}{8}$ "; mounting holes  $1\frac{1}{16}$ ". Ideal for midget sets. Now offered at the lowest price. Stock up on them.  
**YK11685**—No. 425, 5-prong.  
**Your Cost Each, Special**..... **7¢**



## Bakelite Combination Base or Panel Mount Sockets

Molded of black bakelite and provided with genuine phosphor bronze contacts. Top is grooved for tube guide.  

Stock No.	Prongs	Your Cost
<b>YM13090</b>	4	<b>\$0.14</b>
<b>YM13091</b>	5	<b>.15</b>
<b>YM13092</b>	6	<b>.17</b>
<b>YM13093</b>	7, small	<b>.19</b>
<b>YM13094</b>	7, large	<b>.19</b>
<b>YM13084</b>	8	<b>.21</b>



## Binding Posts

**Spring Clamp Binding Posts**  
 Insulated top. Spring clamp holds wire securely. Overall length 1". Come with blank tops or marked "ANT" or "GND."  
**YM13046**—Blank.  
**YM13047**—"Ant."  
**YM13048**—"Gnd."  
**Your Cost Each**..... **5¢**



## Spring Clamp Binding Post Assembly

Binding posts with insulated tops. Posts mounted on bakelite strip 2" long,  $1\frac{1}{2}$ " wide. Mounting hole centers  $1\frac{1}{8}$ ". Posts marked "Ant" and "Gnd."  
**YM13049**—**Your Cost**..... **12¢**



**Tip Jacks**  
 For phone or loudspeaker connection. Mounted on  $\frac{1}{2}$ " bakelite. Jacks have contact springs which grip cord tips securely. Supplied plain—no marking.  
**YM13037**—Double Tip Jack. **Your Cost**..... **5¢**  
**YM13036**—Triple **Your Cost**..... **7¢**



**Meter Binding Post**  
 Colored composition top and heavy nickel plated ferule. Mounts with single screw. Specify color.  
**YM13163**—  
**Your Cost Each**..... **5¢**



## EBY Binding Posts Non-Removable Tops

Tops non-removable; specially designed for use on metal chassis. Stud has hole.  
**YM13083**—Ensign Post. Has  $\frac{1}{8}$ " stud,  $\frac{5}{8}$ " long. **Your Cost Each**..... **12¢**  
**YM13084**—Commander Post. Has  $\frac{1}{8}$ " stud,  $\frac{3}{4}$ " long. **Your Cost Each**..... **20¢**



## EBY Twin Post Units

Consists of two standard Eby posts mounted on laminated strips. Marked "ANT" and "GND."  
**YM13062**—  
**Your Cost Each**..... **15¢**



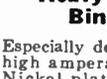
## Triple Post Units

Similar to the above, but with three posts marked "LANT," "SANT" and "GND."  
**YM13063**—  
**Your Cost Each**..... **18¢**



## Screw Binding Post Terminal Strip

Two knurled head screws mounted on 2" bakelite plate. Non-removable. Solder lugs are tinned. Mounting centers  $1\frac{1}{8}$ ". Plain.  
**YM13006**—**Your Cost Each**..... **6¢**



**Heavy Duty Metal Binding Post**  
 Especially designed for high amperage work. Nickel plated brass. Approximately 1" high.  
**YM12946**—  
**Your Cost Each**..... **6¢**  
 Per Dozen..... **\$0.60**



## Combination Sockets

Ideal for use in tube testers, analyzers and other test instruments. Molded bakelite forms.  
**YM13095**—Combination 4, 5, and 6-prong. **Your Cost Each**..... **25¢**  
**YM13096**—Combination 5, 6, and small 7-prong. **Your Cost Each**..... **25¢**



## No. 12 EBY Sockets

Made to suit the requirements of the highest grade testing instruments, transmitting and receiving equipment. Because of their sturdy construction, they are especially recommended where sockets are subjected to exceptionally severe service, as well as wear and tear due to continual inserting and withdrawing of tubes.  
**YM13072**—4-prong. **Your Cost Each**..... **18¢**  
**YM13073**—5-prong. **Your Cost Each**..... **18¢**  
**YM13076**—6-prong. **Your Cost Each**..... **24¢**  
**YM13077**—7-prong. **Your Cost Each**..... **24¢**  
**YM13079**—8-prong. **Your Cost Each**..... **27¢**



# SWITCHES

## Miniature Bakelite Knife Switches



Bases of fine grade of bakelite. Contacts securely fastened so that they will not loosen or break out under normal conditions of use. Nickel plated metal parts. Single pole types 1 1/4" long, double pole 2 1/4".

Stock No.	Poles	Throw	Net
YR16830	1	S	\$0.26
YR16831	1	D	.32
YR16832	2	S	.36
YR16833	2	D	.44
YR16834	3	S	.62
YR16835	3	D	.73
YR16836	4	S	.63
YR16837	4	D	.79

## Porcelain Base Knife Switches



For many radio and electrical uses, especially suitable for aerial and ground. Copper contacts and blades.

Stock No.	Poles	Throw	Net
YR16820	1	S	\$0.10
YR16821	1	D	.12
YR16822	2	S	.17
YR16823	2	D	.19
YR16825	3	D	.39

## Midget Knife Switches



Adapted for either base or panel mounting. Have black bakelite bases. Highly nickeled brass parts with insulated handles.

des. Single pole types 1 1/4" long and 1/2" wide; double pole 1 1/4" long and 1" wide.	
YR16842—S. P. S. T.	9¢
Your Cost Each	
YR16843—S. P. D. T.	15¢
Your Cost Each	
YR16844—D. P. D. T.	24¢
Your Cost Each	

## Yaxley Etched Plates



Made of fine aluminum with hard, smooth finish. Hole in center designed to fit over 3/8" bushing. Numbers etched on face in white. Plates with "OFF" position are designed especially for use with Yaxley gang switches. Other plates may be used with any selector switch, with step type controls, etc.

Stock No.	Marking	Your Cost Ea.
YF6224	1 to 2	9¢
YF6225	1 to 3	
YF6226	1 to 4	
YF6227	1 to 5	
YF6228	1 to 6	
YF6229	1 to 7	
YF6230	1 to 8	
YF6231	1 to 9	
YF6232	1 to 10	
YF6233	1 to 11	
YF6234	1 to 12	
YF6223	0 to 100	
YF6235	"OFF"—1 to 3	
YF6236	"OFF"—1 to 4	
YF6737	"OFF"—1 to 5	
YF6278	"OFF"—1 to 6	
YF6239	"OFF"—1 to 7	
YF6240	"OFF"—1 to 8	
YF6241	"OFF"—1 to 9	
YF6242	"OFF"—1 to 10	

## CUTLER-HAMMER Switches

Nickel-plated toggle switches. 3 amps., 125 volts. Single pole, single throw.

YM12836—1/2" Shaft.  
Your Cost Each **15¢**  
Per Dozen **\$1.70**

YM12835—1" Shaft.  
Your Cost Each **18¢**  
Per Dozen **\$2.00**

Single pole, double throw.  
YM12834—1/2" Shaft.  
Your Cost Each **19¢**  
Per Dozen **\$2.10**



## Rotary Switch

3 amp. 125 volt switch with 1 3/4" shaft. For standard knob. Suitable for 110 volts A.C.

YM12838—  
Each **16¢**  
Per Dozen **\$1.75**



## D. P. D. T. Toggle

A suitable switch for meter panels. Shaft 1 3/4" long. Underwriters approval.

YM12835—  
Each **35¢**  
Per Doz., **\$3.75**

## D. P. S. T.

Similar to the above, but 4 lugs.

YM12817—Per Doz. **\$2.75**  
Each **25¢**

## Off-On Switch Plate

YM12818—  
Your Cost Each **2¢**  
Per Dozen **20¢**



## Single Pole—Triple Throw

Exposed type. Dead center position. 1/2" shaft.

YM12831—  
Each **55¢**  
Per Dozen **\$6.00**

Single Pole—Double Throw  
Similar to above. 1/2" shaft.  
YM12832—  
Your Cost Each **25¢**  
Per Dozen, **\$2.75**

## CUTLER-HAMMER Power Switches

S. P. S. T.  
5 amp., 250 volts. For motors up to 1/2 H. P. Bushing 1 1/2".

YM12813—  
Your Cost **25¢**

D. P. S. T.  
Similar, but D. P.  
YM12814—  
Your Cost Each **29¢**



S. P. S. T.  
10 amp., 250 volts. For motors up to 1/2 H. P. Bushing 1 3/4".

YM12815—  
Your Cost Each **59¢**

D. P. S. T.  
Similar, but D. P.  
YM12816—  
Your Cost Each **65¢**

## Key Lock Switches

Designed for use in auto or portable receivers. Approved, rated 3 amps., 250 volts.

YF6221—S. P. S. T.  
Your Cost Each **44¢**

YF6222—D. P. S. T.  
Your Cost Each **49¢**



## YAXLEY Dual Wave Switch

Silver-to-silver contacts with ceramic insulation between spring rotor and contact shoe. Combinations varying from S. P. S. T. to 4 P. D. T.

YF6374—Your Cost Ea. **44¢**



## YAXLEY Junior Jack Switches



Jack Switch lies parallel with panel. Furnished complete with Black Knob; on-off plate. Mounts in 1/4" panel hole, up to 1/4" thick. Is 1 1/4" deep.

## Two-Position Switches

YF6471—No. 730. Single pole, double throw. List **85c. Net** **50¢**

YF6472—No. 740. Double pole single throw. List **95c. Net** **56¢**

YF6473—No. 745. Five Spring. List **\$1.10. Net** **65¢**

YF6474—No. 760. Double pole, double throw. List **\$1.25. Net** **73¢**

YF6475—No. 733. 3 pole, single throw. List **\$1.25. Net** **73¢**

YF6469—No. 744. 4 pole, single throw. List **\$1.60. Net** **94¢**

## Three-Position Switches

YF6440—No. 732. Single pole, double throw, center off. List **85c. Net** **50¢**

YF6441—No. 762. Double pole, double throw, center off. List **\$1.20. Net** **70¢**

YF6442—No. 763. 3 pole, double throw, center off. List **\$1.55. Net** **91¢**

YF6443—No. 764. 4 pole, double throw, center off. List **\$1.95. Net** **\$1.15**

## YAXLEY Push Button Switches



Non-locking Types. Furnished complete with black Bakelite knob. Mounts in single 1/8" hole, on panels up to 1/4" thick.

YF6460—No. 2001. Make contact. List **90c.** Your Cost Each **53¢**

YF6461—No. 2002. Break contact. List **90c.** Your Cost Each **53¢**

YF6462—No. 2003. Single pole, double throw. List **\$1.00** Your Cost Each **59¢**

YF6457—No. 2004. 2 pole, 2 etct. List **\$1.20.** Your Cost Each **71¢**

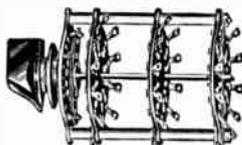
YF6464—No. 2005. 2 pole, break 2 contact. List **\$1.20** Your Cost Each **71¢**

YF6465—No. 2006. 2 pole, double throw. List **\$1.50** Your Cost Each **88¢**

YF6463—No. 2007. Mk. 2, brk. 1. List **\$1.30.** Your Cost Each **76¢**

YF6468—No. 2008. 2 pole, double throw. Make before break. List **\$1.65.** Your Cost Each **97¢**

## New! YAXLEY Gang Switches



These new gang switches are far superior to any other on the market now. Contact members are heavily silver plated, and given a smooth hard finish. Contact shoe, of the self-cleaning type is of pure silver. All switches are provided with one permanent stop and one adjustable stop, thus a single switch may be used as a 2, 3, 4, 5, 6 (up to 11), point switch by simply adjusting the stop on front of switch to number of points required. Bushings 3/8" and extend 3/4". Bakelite knob supplied. These switches are suitable for use either in radio receivers or test instruments.

Shorting Type		Non Shorting Type		Your Cost Each
Stock No.	Stock No.	Stock No.	Stock No.	
YF6247	YF6263	1 Circuit. 1 to 6 points	1 Circuit. 1 to 6 points	\$0.59
YF6248	YF6264	1 Circuit. 1 to 11 points	1 Circuit. 1 to 11 points	.68
YF6249	YF6265	2 Circuit. 1 to 5 points each	2 Circuit. 1 to 5 points each	.73
YF6250	YF6266	3 Circuit. 1 to 3 points each	3 Circuit. 1 to 3 points each	.79
YF6251	YF6267	4 Circuit. 1 to 2 points each	4 Circuit. 1 to 2 points each	.86
<b>TWO GANG SWITCHES</b>				
YF6252	YF6268	2 Circuit. 1 to 6 points each	2 Circuit. 1 to 6 points each	.91
YF6253	YF6269	2 Circuit. 1 to 11 points each	2 Circuit. 1 to 11 points each	1.03
YF6254	YF6270	4 Circuit. 1 to 5 points each	4 Circuit. 1 to 5 points each	1.18
YF6255	YF6271	6 Circuit. 1 to 3 points each	6 Circuit. 1 to 3 points each	1.24
YF6256	YF6272	8 Circuit. 1 to 2 points each	8 Circuit. 1 to 2 points each	1.32
<b>THREE GANG SWITCHES</b>				
YF6257	YF6273	3 Circuit. 1 to 6 points each	3 Circuit. 1 to 6 points each	1.30
YF6258	YF6274	3 Circuit. 1 to 11 points each	3 Circuit. 1 to 11 points each	1.38
YF6259	YF6275	6 Circuit. 1 to 5 points each	6 Circuit. 1 to 5 points each	1.47
<b>FOUR GANG SWITCHES</b>				
YF6260	YF6276	4 Circuit. 1 to 6 points each	4 Circuit. 1 to 6 points each	1.62
YF6261	YF6277	4 Circuit. 1 to 11 points each	4 Circuit. 1 to 11 points each	1.76
YF6262	YF6278	8 Circuit. 1 to 5 points each	8 Circuit. 1 to 5 points each	2.06

## FEDERAL Anti-Capacity Switches



YM12850—4 P.D.T. **\$1.90**  
Your Cost

YM12851—D.P.D.T. **\$1.65**  
Your Cost

YM12852—D.P.S.T. **\$1.65**  
Your Cost

**NOTE - TECHNICAL BOOKS ARE NOT RETURNABLE**

# SET BUILDERS ACCESSORIES



**Special Shield**  
Two-piece shield made of heavy gauge LaSalle metal that will not vibrate. Fits all small "ST" type tubes. Perforated for ventilation. Mounting centers 1 1/4" apart. Highly polished finish. Shpg. wt. 1 lb.  
**YM13255—Your Cost, Each..... 9c**  
Per Dozen..... **\$1.00**



**"ST" Type Tube Shields**  
For 56, 57, 58, etc., type tubes. Three pieces. Both long (covering tube) and short (cap projects) types. Barrel diameter 1 1/8". Natural bright aluminum.  
Shpg. wt. 1 lb.  
**YM13265—4 3/4" high..... 11c**  
**Your Cost Each..... 10c**  
**YM13266—3 3/4" high..... 10c**  
**Your Cost Each..... 9c**  
Lots of 10 Each



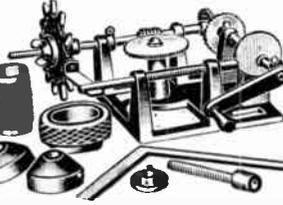
**Jacket Shields**  
**Fit all dome type tubes.** Bases for wafer sockets with mounting holes 1 1/2" to 1 7/8" apart. Bodies consist of two identical shells which fit snugly. Caps fit snugly.  
**YM13263—Type A:** For long tubes with grid caps, such as 6C6, 6D6, 57, 58, 24, 35, etc.  
**YM13264—Type B:** For short tubes with grid caps, such as 36, 38, 6A7, 39, 55, 75, 6C7, 6D7, 85, 89, etc.  
**YM13262—Type C:** (not shown) Similar to type A, but for short tubes without grid cap, such as 27, 37, 56, 76, 41, 84, 12Z3, 6Z4, etc.  
**Your Cost Each, Any Type..... 6c**

**NATIONAL Aluminum Coil Shields**  
One piece, rugged aluminum, die-drawn. Size 3 3/4" high, 2 1/2" diameter. Mounting flange, holes space, 2 1/8". Ideal for the midset set builder. Shpg. wt. 1 lb.  
**YM13257—Your Cost..... 21c**

Base is drilled for wire connections. Top shield fits on base by means of two setscrews. Size 3 3/4" high, 3" diameter. Shpg. wt. 1 lb.  
**YM13256—Your Cost..... 30c**

**ICA Coil Shields**  
Aluminum coil shield with detachable base, permitting quick removal of top for coil inspection. Two sizes.  
Stock No. **YL12639 \$0.15**  
**YL12640 .15**  
Dimensions  
2 1/2"x3" high  
2 3/4"x3 3/4" high

**De Luxe Coil Winder**  
Will wind Honey Comb, Spiderweb, or Solenoid coils of various widths and diameters. Equal in appearance to factory made coils. Includes all accessories necessary for winding the various types. Has recorder and indicator that counts turns. Black enamel finish. Shpg. wt. 6 lbs.  
**YP14725 \$4.35**  
**Your Cost.....**



**Bakelite Tubing**  
Will not shrink at 125° F. This is genuine bakelite tubing. Wall 1/16" thick.  
Stock No. Dia. **Your Cost Per Inch**  
**YM13150 1" \$0.03**  
**YM13151 1 1/2" .04**  
**YM13152 2" .05**  
**YM13153 2 1/2" .06**  
**YM13154 3" .07**

**Insulated Grommets**  
For insulating holes in chassis, etc., for power line cords, grid leads, etc. Red or black.  
**YP14887—1/8" h. 3/8" d. 3/8" l. Your Cost..... 4 1/2c**  
**YP14888—3/8" h. 3/8" d. 3/8" l. 5c**  
**Your Cost.....**  
**YP14889—1/2" h. 1/2" d. 1/2" l. 6c**  
**YP14890—3/4" h. 3/4" d. 3/4" l. 6c**  
**Your Cost, Either Size.....**

**Circle Cutters**  
Cut holes easily and quickly in metal, wood, bakelite, hard rubber, etc. Nos. 1 and 2 cut holes from 1" to 4" in diameter. No. 5 cuts holes from 1" to 5" in diameter. No. 1 cutter has an extra beading cutter attached. No. 5 cutter available with square or round shank. State type desired on order.  
**YP14717—No. 1. YP14734—No. 5 \$1.90**  
**Your Cost, Either Type.....**  
Shpg. wt. of Cutters 2 lbs.

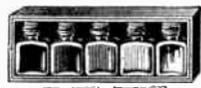
**Circle Cutters**  
No. 1  
No. 5  
**YP14718—No. 1. YP14734—No. 5 \$1.10**  
**Your Cost, Either Type.....**  
Shpg. wt. of Blades 1 lb.

**Liquid Victron**  
The famous Victron H. F. insulation in liquid form for coating R.F. coils. Dries quickly. 2 ounce can.  
**YP15260—Your Cost..... 21c**  
1 pint can **\$1.47**  
**YP15275—.....**



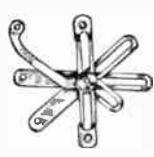
**Black Crystallizing Lacquer**  
For touching up and for completely finishing panels, chassis, etc., in the attractive crystallized black professional finish. Same size can as above.  
**YP15259—Your Cost..... 21c**  
1 pint can **\$1.30**  
**YP15274—.....**

**Color Coding Enamel**  
For color coding coils, terminals, etc. Green, blue, yellow, red and thinner. Brushes included.  
**YP15258—Your Cost..... 30c**



**Sub-Panel Brackets**  
Aluminum brackets for supporting sub-bases in radio receivers, etc. Two sizes available. Shpg. wt. 1 lb.  
**YP14907—2" high, 9" long. Your Cost, per Pair..... 28c**  
**YP14905 2 1/2" high, 6 3/4" long. Your Cost, per Pair..... 23c**

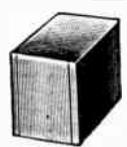
**Adjustable Drilling Template**  
Indicates the exact location for drilling of holes on panels or baseboards. The adjustable template fits perfectly on any part and is then locked in position by the thumb nut. Instruction included. Shpg. wt. 1 lb.  
**YP14935—List 50c \$15c**  
**Your Cost.....**



**NATIONAL Coil Dope**  
For use as a cement for holding windings in position. Does not affect low loss features of coil form. Provides a tough protective film. In can. Shpg. wt. 1 lb.  
**YP15237—Your Cost Each..... 90c**



**Radio Alloy Shield Cans**  
Shipped knocked down. Corner posts drilled for 1/4" screws. 1/8" stock.  
Stock No. Size **Each**  
**YM13250 5x5x6" \$1.32**  
**YM13251 9x5x6" 1.47**  
**YM13252 8x6x6" 1.62**  
**YM13253 8x8x6" 1.76**  
**YM13254 10x8x6" 2.06**



## BLANK CHASSIS, PANELS, etc.

**Hard Rubber and Bakelite Panels**  
Made especially for Radio Panels. Color: black. Thickness 3/16". First quality guaranteed. If size required is not listed we can cut **Special Size Panels** at 1 1/2 cents per square inch for Rubber or Bakelite. Special panels will not be shipped C.O.D.

BAKELITE PANELS					
Stock No.	Size	Your Cost	Stock No.	Size	Your Cost
YW19600	3 1/2x7x10"	\$0.95	YW19608	3 1/2x7x30"	\$2.60
YW19601	3 1/2x7x12"	1.15	YW19000	3 1/2x10x10	1.47
YW19602	3 1/2x7x14"	1.33	YW19001	3 1/2x10x12"	1.70
YW19603	3 1/2x7x18"	1.63	YW19002	3 1/2x10x14"	2.05
YW19604	3 1/2x7x21"	1.85	YW19003	3 1/2x10x18"	2.30
YW19605	3 1/2x7x24"	2.10	YW19004	3 1/2x10x21"	3.03
YW19606	3 1/2x7x26"	2.30	YW19005	3 1/2x10x24"	3.40
HARD RUBBER PANELS					
Stock No.	Size	Your Cost	Stock No.	Size	Your Cost
YW19630	3 1/2x7x10"	\$0.54	YW19635	3 1/2x7x24"	\$1.18
YW19631	3 1/2x7x12"	.58	YW19636	3 1/2x7x26"	1.40
YW19632	3 1/2x7x14"	.68	YW19637	3 1/2x7x28"	1.60
YW19633	3 1/2x7x18"	.95	YW19638	3 1/2x7x30"	1.75
YW19634	3 1/2x7x21"	1.03			

**Blank Chassis**  
**Cadmium Plated**  
Made of stiff metal that is easy to drill and work and have spot-welded corners that will not loosen. Strongly built—will not wobble. Average shpg. wt. 6 lbs.  
**YM12810—10x17x3" 75c**  
**Your Cost.....**  
**YM12811—10x23x3" 85c**  
**Your Cost.....**  
**YM12809—12x6x2 1/2" 60c**  
**Your Cost.....**  
**YM12812—10x12x3" 55c**  
**Your Cost.....**

**Aluminum Panels**  
Best grade 1/8" thick. Specially made for radio work. Non-magnetic.  
Stock No. Size **Net**  
**YW19660 7x10" \$0.47**  
**YW19661 7x12" .58**  
**YW19662 7x14" .68**  
**YW19663 7x16" .78**  
**YW19664 7x18" .90**  
**YW19665 7x21" 1.00**  
**YW19666 7x24" 1.10**  
Odd sizes 95c per square foot.

**Aluminum Corner Posts**  
Six inches long, grooved to fit 1/8" thick aluminum. Tapped at each end to fit #20 machine screws. Shpg. wt. 1 lb.  
**YP14954 \$18c**  
**Your Cost Each.....**



# HARDWARE for Every Purpose



## Alligator Test Clips

Head of clip is long thin design. Round barrel and made to fit plug-in prongs. Has firm spring grip. Ideal for meters, test boxes, etc. Size  $\frac{1}{4}$ " wide, 2" long. **YM12955—Per Doz. 40c**  
**Your Cost Each 4c**  
 YM12956—Same style as above but  $2\frac{3}{4}$ " long,  $\frac{3}{16}$ " wide.  
**Your Cost Each 5c**  
**Per Dozen \$0.55**

## Jacks and Plugs

For use with all types of transmitting equipment. All milled of solid brass, nickel plated and furnished with lugs. Plugs have alloy contact springs secured over a pin, making them non-collapsible. Giant plugs and jacks have capacity of 25 amps.; others have capacity of 8 amps. The design and construction of these jacks and plugs insure perfect electrical contact, and consequently makes them also ideal for use with test equipment.

**YM12990—Giant Plug with 10-32  $\frac{3}{8}$ " screw.**  
**YM12991—Giant Plug with  $\frac{1}{4}$ - $\frac{3}{4}$ " screw.**  
**YM12992—Giant Plug with  $\frac{1}{4}$ -28 Threaded Shank.**  
**Your Cost Each, Any Type 30c**  
**YM12993—Giant Jack  $\frac{1}{2}$ " mounting hole.**  
**Your Cost Each 20c**  
**YM12919—Plug, 6-32 Threaded Shank.**  
**YM12923—Jack,  $\frac{1}{4}$ " mounting hole.**  
**Your Cost, Either Type 4c**

## JUMBO Jack & Plug

Heavy duty jacks and plugs for coils, etc. Brass nickel plated. Ends threaded for 10-32 screw.  
**YM17039—Plug (fits  $\frac{3}{8}$ " hole)**  
**Your Cost 28c**  
**YM17040—Jack (fits  $\frac{3}{16}$ " hole)**  
**Your Cost Each 22c**

## Tip Jacks

For test equipment. Nickel plated. Powerful bronze spring.  $\frac{1}{4}$ " mtg. hole.  
**YM12918—**  
**Your Cost Each 3c**  
**Per Dozen 33c**

## Senior Tip Plug

All metal tip lug for tip jack use. Solderless connection.  
**YM12943—Per Doz. 33c**  
**Your Cost Each 3c**

## Junior Tip Plug

As above, but only 1" long.  
**YM12944—**  
**Your Cost Each 3c**

## Regular Type

Nickel Plated Brass.  
**YP14881—Your Cost, Per Dozen 4c**  
**Per 100 36c**

## Bakelite Terminal Strip Assemblies

Screw and collar terminals mounted on  $\frac{3}{8}$ " bakelite strips,  $\frac{3}{4}$ " wide. Hardware is nickel plated. Terminals spaced  $\frac{1}{2}$ " apart. Ideal for use as speaker connection terminals, "Ant" and "Gnd" strips etc. Color and lugs cannot loosen or pull out.

Stock No.	Ter- minals	Mtg. Centers	Your Cost
YM13140	2	1 $\frac{1}{2}$ "	\$0.09
YM13141	3	2"	.13
YM13142	4	2 $\frac{1}{2}$ "	.16
YM13143	5	3 $\frac{1}{2}$ "	.20
YM13144	6	4"	.24

## Lug Terminal Strip

For mounting resistors, condensers, etc.

Stock No.	Lugs	Each	10 For
YM13133	2	\$0.03	\$0.27
YM13134	3	.03	.27
YM13135	4	.05	.45
YM13137	6	.06	.55

The insulation on the various items listed below is available in the following attractive colors: Red, Black, Blue, Green, Purple or Yellow. When ordering state color desired.

## Laboratory Test Prods

Solderless, needpoint test prods. Colored insulation. Two handle lengths—4" and 7".  
**YM12881—4"**  
**Your Cost Each 15c**  
**YM12884—7"**  
**Your Cost Each 18c**

## Insulated and Banana Plugs and Jack

Insulated shoulders and screw ends for solderless connections. Heavy brass nickel plated springs. Jacks have insulated caps and are provided with washer, soldering lug and nut. Fit  $\frac{1}{4}$ " hole. Specify color desired.  
**YM12915—Insulated Banana Plug.**  
**YM12916—Insulated Banana Jack.**  
**Your Cost Each 6c**  
**Either Type 49c**

## Insulated Tip Jacks

Have new type springs which provide sure grip contact. Tip nests all the way in jack. Mounts in  $\frac{3}{16}$ " hole. Caps lessen danger of shorting. All colors. Per Dozen, \$0.42  
**YM12879—**  
**Your Cost Each 4c**

## Combination Jack

New type, takes both phone tips and banana plugs. Fully insulated. Colors available as above. 1  $\frac{1}{4}$ " long. Insulated washer furnished.  
**YM12925—**  
**Your Cost Each 7c**

## Caps For Glass Tubes

Insulated cap with solderless insulated plug. With 12" lead. In Red, Black, Green and Yellow. Specify color desired.  
**YL11727—**  
**16c**

As above, but heavy duty type. For transmitting tubes (866's etc.). Specify color.  
**YL11729—Your Cost Ea. 22c**

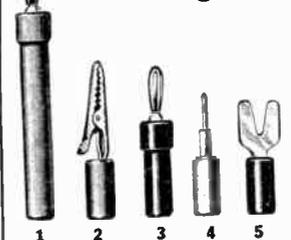
## For Metal & Glass Tubes Dual Unit

Made to fit either new metal or old glass tubes. Come with 11" lead and pin-tip. Ideal when changing set for new tubes. Red and Black.  
**YL11728—**  
**Your Cost Each 12c**

## Insulated Screen Grid Caps

Heavily insulated spring clip insures positive contact. In Red, Green, Black and Yellow. 12" leads. Specify color.  
**YP14712—**  
**6c**  
**YP14719—For Metal tubes. 8c**  
**Your Cost**

## Test Instrument Fittings



These fine quality fittings add immeasurably to the attractiveness of your test instruments, etc. The bright colors provide an easy means of terminal identification. 1. 4" Test Prod with banana plug tip.  
**YM12910—Your Cost 15c**  
**2. Insulated Alligator Clip to fit test prod or any banana plug. 8c**  
**YM12911—Your Cost 12c**  
**3. Short Test Prod, 2  $\frac{1}{2}$ " long. 12c**  
**4. Insulated needpoint phone tip plug to fit test prods. 6c**  
**YM12913—Your Cost 6c**  
**5. Insulated Plug with tapered lug. 6c**  
**YM12914—Your Cost 6c**

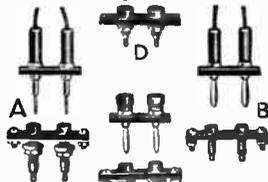
## Sr. Insulated Plugs

A positive contact plug of the solderless type fits all standard tip jacks. Used for test leads on meters, analyzers, etc. Specify color desired. 1  $\frac{1}{8}$ " L. Per Dz. 55c  
**YM12973—**  
**Your Cost Each 5c**

## Jr. Insulated Plug

Similar to the above but only 1  $\frac{1}{16}$ " long. All colors. Per Dozen. 55c  
**YM12974—**  
**Your Cost Each 5c**

## Twin Plugs and Jacks



Sturdy material of high insulating qualities. Plugs furnished with red and black 36" leads and corresponding colored tip sleeve. Jacks have all necessary lugs, washers, and nuts. Surface terminals are red and black. Banana plugs are non-collapsible. The variety offered should find favor with those who modernize or "build their own" test units.

(A) Twin Phone Tip and Jack.  
**YM12930—**  
**Your Cost 38c**

Single Phont Tip only, with 18" red or black lead. Specify color.  
**YM12931—Your Cost 15c**

(B) Twin Banana Plug and Jack.  
**YM12932—**  
**Your Cost 38c**

Single Banana Plug only, with 18" red or black lead. Specify color.  
**YM12933—**  
**Your Cost 15c**

(C) Twin Banana Plug with Binding Post, and Jack.  
**YM12934—Your Cost 33c**

Single Post only, red or black.  
**YM12935—**  
**Your Cost 11c**

(D) Twin Tip Jack.  
**YM12936—Your Cost 12c**

## Insulated Plug Type Binding Post

Hole in top fits banana plug. Hole in stem for wire. Red or Black. Specify Color.  
**YM12945—**  
**Your Cost Each 7c**

## Wing Nuts

Brass, nickel plated. For all types of portable equipment and test instruments.  
**Your Cost Each**  

Stock No.	Thread	Each
YM12926	6-32	3c
YM12927	8-32	
YM12928	10-32	
YM12929	14-20	
Per Hundred		

## Midget Short Jacks

Bakelite insulation.  $\frac{3}{4}$ " mtg. hole.  
**YF6548—Closed Circuit.**

**YF6549—Open Circuit.**  
**Your Cost, Either Type 14c**

## Dial Pointer

Mounts on panel. Indicates dial settings.  
**YP15263—**  
**Your Cost Each 1c**  
**12 For 8c**

## Flush Type Tip Jacks

Heavy contact spring. Will take both plain and solderless tips. Mount in  $\frac{1}{4}$ " holes. Nickel-plated.  
**YM12948—**  
**Your Cost 3c**



# SOLDERING IRONS and ACCESSORIES



## Friction Tape

Highest quality tape, kept fresh by tin foil wrapper. Always a radio, auto and household necessity. Rubber tape listed below is of live rubber under a layer of friction tape. Used for properly insulating electrical splices. Kept fresh by wrapper of tin foil. Available in small roll sizes for small requirements. Wrapped and packed in boxes.

Stock No.	Roll	Cost Each	10 Rolls
YP14829	2 oz.	6c	55c
YP14842	4 oz.	8c	75c
YP14843	8 oz.	17c	\$1.70

Rubber Tape			
YP15040	1/4 lb.	15c	1.25
YP15041	1/2 lb.	28c	2.50

## PEERLESS Solder Flux

A non-corrosive flux for quick soldering. 2 oz. cans. Shpg. wt. 8 oz.

**YP14862—Your Cost** **10c**

YP14863—12 cans. Shpg. wt. 3 lbs. **Your Cost \$1.15**

## KESTER Radio Solder



Preferred by radio men everywhere. Will not spatter. Makes clean joints. Servicemen and other large users will find it more economical to buy their solder this way.



	Rosin Core		Acid Core		Alum. Solder	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
Per Tin	YP14857	\$0.15	YP14878	\$0.15	YP14876	\$0.17
1 lb. Spool	YP14858	.56	YP14877	.56	YP14845	1.80
5 lb. Spool	YP14859	2.65	YP14879	2.65		



## KESTER Paste Flux

An entirely new, different, and far more efficient soldering paste flux,—designed for the serviceman, constructor, and for speeding-up production. Made by a new viscosiforming process which makes possible a uniform non-varying paste. All fluxing ingredients are finely divided and evenly distributed. Results in better soldering. Packed in handy sized tins. Contains 2 oz. of flux. Only small quantity necessary for joints.

**YP15278—Your Cost** **14c**



## Insulating Pitch

Specially treated. Has low melting point which makes it easy to use. For sealing transformers and chokes to protect them against moisture.

YP14864—14 oz. Can Shpg. wt. 3 lbs. **Your Cost 29c**

YP14865—1 gal. Can Shpg. wt. 12 lbs. **Your Cost \$1.25**

## ALUMAWELD Solder



Makes possible the successful soldering at low temperatures of Aluminum-Pot Metal-Cast Iron and all other metals. Kits contain special solder, flux, wire brush, illustrated instructions. Shpg. wt. 1 lb.

YP15200—Small Kit	<b>58c</b>
YP15201—Medium Kit	<b>\$1.10</b>
YP15202—Large Kit	<b>\$3.15</b>

## Solderall

An amazing preparation which solders all metals, except aluminum. Consists of a mixture of paste and powdered solder. Put up in small metal tubes, ready for instant use. Makes a clean, strong joint; easy to apply.



YP18460—Single tubes.	<b>8c</b>
YP14861—Display box of 24 tubes. Shpg. wt. 4 lbs.	<b>Your Cost \$1.75</b>

## ICA Soldering Iron Holder and Stand

All metal construction, lined with asbestos. Also acts as stand for iron. Iron nests in holder. Shpg. wt. 3 lbs.

**YP15231—Your Cost** **70c**



## Snap-On Iron Holder

Iron snaps into place and cannot roll. May be left on constantly. Raises iron 2 inches from bench and grips firmly; no possibility of burned furniture. Fits all makes and sizes and takes up very little space.

**YP15276—Your Cost** **20c**



## Handy Stand

Concave metal stand made of rust resisting metal. Curved so as to prevent iron from rolling—and will consequently save the user considerable annoyance and expense caused by burned table tops, etc. Ruggedly built—will last approximately as long as more expensive stands. Shpg. wt. 1 lb.

**YP15219—Your Cost** **10c**



## Iron Repair Kit



Contains all necessary miscellaneous parts for repairing such popular makes as Westinghouse, Hot Point, American Beauty, Simplex, etc. The assortment consists of such essential items as: mica washers, terminals, insulators, asbestos sleeving, screws and nuts, and other useful necessities. While used chiefly in flatirons a good many of the items may be utilized for repairing of toasters, soldering irons, heaters, etc. Shpg. wt. 1 lb.

**YP15277—Your Cost \$2.98**

## MAGIC Embossing and Engraving Pencils



The engraving pencil will burn lettering, designs, etc. in wood, leather, rubber and other similar materials. Easily used. Heat adjusts itself. Absolutely no danger. The embossing pencil will emboss lettering, etc., in beautiful colors: gold, silver, blue, green, purple, copper, etc., on leather, cloth, silk, paper, wood, celluloid, bakelite, etc. When the foil is removed the lettering or design is left on the material. Each furnished with complete instructions and foil. Book of designs and lettering of all types furnished with engraving kit. Shpg. wt. 2 lbs.

**YP15158—110 V. Engraving Kit** **95c**

**YP15157—110 V. Embossing Kit** **78c**

## Truest Soldering Irons



Such outstanding features as—gun-metal tube—nichrome element wound on steel core—mica insulation both on core and between element and barrel—spring cord protector—rubber plug. Shpg. wt. 3 lbs.

YP15180—75 Watt, 110 Volt **\$1.95**

YP15197—Same for 220 Volt **\$1.69**

YP15182—100 Watt, 110 Volt **\$2.20**

YP15198—Same for 220 Volt **\$2.20**

YP15184—150 Watt, 110 Volt **\$3.25**

YP15199—Same for 220 Volt **\$3.50**

## JACKSON Soldering Iron

This is a full size soldering iron. 11" in length. Black enamel handle and nickel plated metal case. Removable tip 1/16" in diameter. 50 watt iron. Shpg. wt. 2 lbs.

**YP14850—List \$1.25**

**Your Cost 65c**



## Heavy Duty Irons

Extra heavy irons designed especially for industrial or shop use. Heating element and all parts are renewable. Tip removable. Metal parts nickel plated. Shpg. wt. 2 lbs.

Stock No.	Watts	List Price	Your Cost
YP14874	75	\$2.75	\$1.45
YP14853	100	3.75	1.75



## ESICO Soldering Irons



Esico Soldering Irons are amongst the finest irons made today and are preferred by professional and amateur alike. "Constant Duty" irons have replaceable elements wound with nickel chrome wire and are insulated with the finest quality mica obtainable. "Midget" and "Junior" models are wound with Grade A nichrome wire. All models have heavy steel cases and heat proof handles. Shpg. wt. 3 lbs.

MIDGET MODEL	
YP14848—75 Watt, 110 Volt	<b>\$1.25</b>
<b>Your Cost</b>	
JUNIOR MODEL	
YP14854—100 Watt, 110 Volt	<b>\$1.88</b>
<b>Your Cost</b>	
CONSTANT DUTY MODELS	
YP15190—100 Watt, 110 Volt	<b>\$3.75</b>
<b>Your Cost</b>	
YP15191—130 Watt, 110 Volt	<b>\$5.25</b>
<b>Your Cost</b>	

## ESICO "Special" Iron



A genuine Esico Iron at an exceptionally low price. This is an excellent iron for those having only occasional use for a soldering iron. Heating element is of nichrome wire. Handle is of black wood. Steel shank and brass ferrule. Consumes 55 watts. Shpg. wt. 3 lbs.

**YP14849—Your Cost** **65c**

**YP14819—With Extra Tip.** **75c**

**Your Cost**

### Glass Enclosed Crystal Detector



Dust-proof. Super-sensitive crystal and easily adjusted cat-whisker that will hold its position.  
**YN13916**—  
 Your Cost... **22¢**

### Mounted Galena Crystal

Carefully tested and mounted crystals.  
**YN13900**—  
 Your Cost... **6¢**



### Super-Sensitive Crystal



Gets more stations because it's extra-sensitive.  
**YN13901**—  
 Your Cost... **14¢**

### Fixed Crystal



A sensitive crystal with a permanently fixed contact. Carefully tested.

**YN13913**—  
 Your Cost... **44¢**

### Crystal Detector



Ball and socket swivel adjustment.  
**YN13917**—  
 Your Cost... **12¢**

### I.C.A. Lo-Loss Crystal Sets



Inexpensive. Sensitive. Easy to connect. Attach aerial, ground and headphones, and set is ready to use. Shpg. wt. 1 lb.  
**YL12637** Crystal Set. **58¢**  
**Y.C.A. Crystal Detector**  
**YL12638**—Crystal Detector only.  
 Your Cost... **30¢**

### Ear Phone Cushions



Made of soft rubber to protect ears from pressure of headphones.  
**YN13940**—  
 Your Cost, Pair... **25¢**

### ACME Headphones

Wt. 5 ozs.



Efficient, small in size; light in weight, easily adjusted. Clear articulation. Shells of polished aluminum. Shpg. wt. 1 lb.

**YN13927**—2000 ohms **95¢**  
**YN13928**—4000 ohms **\$1.20**  
 Your Cost

### BRANDES Phones



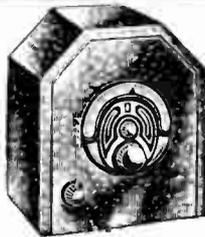
Full size and adjustable. Polished aluminum shells. Resistance 2000 ohms. Shpg. wt. 2 lbs.  
**YN13925** Per Pair **\$1.49**



**Cat Whiskers**  
 Finest wire—correct tension—sensitive.

**YN13921**—Envelope of 3. **9¢**  
 Your Cost

## RADIO SETS for the beginner



### PHILMORE 1, 2, and 3 Tube Sets

These compact little battery operated receivers have been especially designed for the beginner and for use as an extra set in the playroom, etc. Simplified single dial tuning permits operation by even the most inexperienced person. New type tubes keep the current consumption extremely low and make them economical to operate.

#### 1-TUBE SET

**YN13880**—Requires one dry "A" battery, one 22½-volt "B" battery and one Type 230 tube; headphones and aerial.  
 Less accessories, **\$4.10**  
 Your Cost

#### 2-TUBE SET

**YN13882**—Requires two dry "A" batteries, one 45-volt "B" battery, two Type 230 tubes; headphones and aerial. Shpg. wt. 9 lbs.  
 Less accessories, **\$5.25**  
 Your Cost

#### 3-TUBE SET

**YN13884**—Requires two dry "A" batteries, two 45-volt "B" batteries, one 22½-volt "C" battery, two type 230 and one type 231 tubes. Headphones or magnetic speaker and aerial. Shpg. wt. 33 lbs.  
 Your Cost, **\$7.45**  
 Less Accessories

### "Blackbird" Crystal Set



Has super-sensitive crystal enclosed in dust-proof glass shell, Bakelite tuning knob, aerial ground and phone binding posts mounted on front panel. Front panel is modernistic gold finish and cabinet is black leatherette. Shpg. wt. 5 lbs.

**YN13887**—  
 Your Cost... **\$1.63**

### "Selective" Crystal Set



Has tapped inductance and a variable condenser. Enclosed crystal detector and terminals for 2 pairs of phones. Shpg. wt. 5 lbs.

**YN13886**—  
 Your Cost... **\$2.38**

### "Little Wonder"



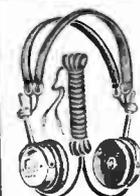
Using no batteries or power of any kind; clear reception can be had within 10 to 25 miles of the broadcast station, depending upon local conditions. Shpg. wt. 1 lb.  
**YN13889**—  
 Your Cost Each... **53¢**

### Crystal Receiving Set

This little set using a specially developed crystal for detection gives surprisingly good results. Complete with crystal and cat's whisker. Shpg. wt. 2 lbs.

**YN13879**—  
 Your Cost... **77¢**

## HEADPHONES



### FROST DX Special Phones

These phones fully meet the requirements of amateurs and DX fans. Are extremely sensitive. Can be worn for hours without the slightest discomfort. Magnets are of a special steel; diaphragms of finest gauge metal. Shells of polished aluminum with a five-foot flexible cord. Impedance of 20000 ohms.  
**YN13931**—  
 Your Cost... **\$2.50**

### FROST Standard

Long a big favorite with the radio man because of their all-round high quality, lightness of weight, and ease of adjustment for perfect comfort. Carefully and scientifically made. Shpg. wt. 2 lbs.  
**YN13932**—  
 Per Pair, 2000 Ohms **\$1.48**  
**YN13933**—  
 Per Pair, 3000 Ohms **\$1.65**

### TRIMM Lorgnette Phone



Comprises a single unit featherweight phone mounted on a lorgnette handle. Used for group installations in churches, theatres, lodges, etc. Made in two sizes with adjustable handle which permits extending to 14 or 22 inches. Shpg. wt. 4 lbs.  
**YN13934**—14" handle **\$3.97**  
**YN13939**—22" handle **\$4.30**  
 Your Cost

### BRUSH Crystal Phones

Extremely sensitive. Light in weight. Response 60-10,000 C.P.S. High impedance. With cord and band. Shpg. wt. 3 lbs.  
**YN13924**—  
 Your Cost **\$5.40**



### Extension Cords

**Tinsel Centers**  
 Double covering of cotton insulating braid. Not suitable for carrying heavy current. Pin tips both ends.  
 Stock No. Length Your Cost  
**YN13945** 10 **\$0.18**  
**YN13946** 20 **.21**  
**YN13947** 30 **.31**  
**YN13948** 40 **.42**  
**YN13949** 50 **.45**  
**YN13950** 100 **.95**

**Stranded Copper Wire Center**  
 Designed for heavier usage than the tinsel type. Rubber insulation with outside covering of cotton braid. Pin tip ends.  
 Stock No. Length Your Cost  
**YN13951** 10 **\$0.28**  
**YN13952** 20 **.35**  
**YN13953** 30 **.48**  
**YN13954** 50 **.95**

### Bakelite Extension Cord Connector

Has two openings at either end for inserting two pin tips. Made of bakelite.



**YN13051**—  
 Each... **8¢**

### Phone and Speaker Cords

Five-foot double cord. Spade tips one end; straight tips other. Cotton braid cover.  
**YN13955**—List **\$0.55** **19¢**  
 Your Cost Each  
 As above with straight tips both ends.  
**YN13956**—  
 Your Cost Each... **19¢**  
 Five-foot single cord with straight tips both ends.  
**YN13957**—  
 List **\$0.35** **13¢**  
 Your Cost Each

### Double Phone Plug



Will take one or two, phone or speaker cords or a combination of both. Colored Amerloy cap. Red, Blue, Green, Black. Metal nicked. Has tie loop.  
**YP14886**—Specify color. **19¢**  
 Your Cost Each

### TRIMM Featherweight Phones Wt. only 4 ozs.

One of the finest headsets ever designed. Despite their high quality and excellent performance they weigh only 4 ozs. Complete including the headband and the cord. Bakelite shell and cap. Forged cobalt steel magnet. Adjustable spring steel headband. Impedance 24000 ohms per pair. Shpg. wt. 1 lb.  
**YN13939**—List **\$10.00**  
 Your Cost, Per Pair **\$5.88**



### New TRIMM Dependable Phones

A reliable, ruggedly constructed headset for the amateur or short-wave broadcast listener. Bakelite shells and caps. Magnets of Chrome steel. Comes with headband and cord. Shpg. wt. 2 lbs.  
**YN13914**—2000 ohms. **\$1.77**  
 Your Cost, Per Pair  
**YN13915**—4000 ohms. **\$2.21**  
 Your Cost, Per Unit

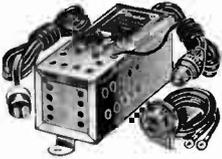
**We Will Not Knowingly Be Undersold**

# BATTERIES & BATTERY CHARGERS

## MALLORY Charger

No installation necessary—simply attach clamp-on receptacle to dash and attach wires to ammeter and ground. Output tapers 5½ to 3½ amps. Two fuses offer complete protection. Polarized plug prevents discharging or ruining battery. Furnished complete with cables, plugs, and full instructions for operation. For 110-120 volt use only. Shpg. wt. 7 lbs.

YP15698—List \$11.50  
Your Cost



\$6.75

## Truest Automobile Battery Charger

Attach the clamp on receptacle to the dashboard of your car and the two leads from the receptacle to your ammeter. At night simply plug your charger into the receptacle and it will give your battery the necessary boost to keep it up to its full capacity. Charging rate 3 amperes tapering off as battery becomes charged. Shpg. wt. 7 lbs.

YN14200—Your Cost



\$4.95



## Tungar 5 Amp. Charger

For charging any 6-volt battery at home. Delivers full 5 ampere rate and tapers off as battery becomes charged, thus preventing overcharging. Complete with receptacle for attaching to car and ammeter so that battery can be charged without removing it from the car. Complete with tube and all attachments. For 110 volt, 60 cycle A.C. Shpg. wt. 12 lbs.

YP15699—Your Cost



\$9.48

## EVEREADY "Air Cell"



Latest type—retains all features of previous model but is considerably smaller in size. No recharging—simply add ordinary drinking water once a month. Will give 1,000 hrs. of service with modern 2 volt tube receivers. Shpg. wt. 10 lbs.

YY19973—Your Cost \$4.17



## Battery Clips

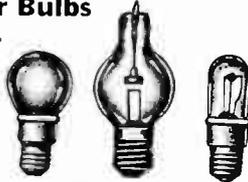
YQ16062—2½" long. 10 for 47c. Each 5¢  
YQ16061—2" long. 10 for 28c. Each 3¢  
YQ16060—1½" long. 10 for 25c. Each 3¢  
YQ16063—3½" long. 10 for 80c. Each 11¢



## Genuine Tungar Bulbs

Used in battery chargers, "A" eliminators, etc. All guaranteed perfect. Tested before shipment.

Stock No.	Type	Your Cost
Y221900	.6 amp.	\$2.72
Y221901	2 amp. new	
Y221902	2 amp. old	
Y221903	6 amp.	



## Tungar Type Bulbs

Guaranteed new and perfect merchandise. Each bulb is individually tested before shipment and carefully packed. Shpg. wt. 1 lb

Y221905—6/10 amp. bulb for Trickle Chargers.	Your Cost Each \$1.68	Y221907—2 amp. bulb without tip.	Your Cost Each \$1.80
Y221906—2 amp. bulb with tip.	Your Cost Each \$1.80	Y221908—6 amp. bulb.	Your Cost Each \$4.45

## Battery Cable



Each lead a different color.

Stock No.	No. Wires	Per Ft.	Per 100 Ft.
YQ16089	3	2½c	\$2.10
YQ16090	4	3c	2.60
YQ16091	5	3½c	3.10
YQ16092	6	4½c	3.80
YQ16093	7	5c	4.00
YQ16094	8	5½c	4.95
YQ16095	9	6c	5.50
YQ16096	10	6c	5.50

## 5 Foot Battery Cables

Color coded leads. With terminals. Tightly wound overbraided.

YQ16085—7 Conductor	Your Cost Each 35¢
YQ16086—8 Conductor	Your Cost Each 38¢
YQ16087—9 Conductor	Your Cost Each 45¢
YQ16088—10 Conductor	Your Cost Each 48¢

## Hydrometer



Live red rubber bulb and nozzle; beaded float. Shpg. wt. 3 lbs.  
YP15694—Your Cost Each 24¢



## RAYTHEON BH Rectifier Tube

Genuine Eveready Raytheon rectifier tube. For eliminators, power packs, etc., designed to use this tube.  
Y221910—List \$4.65  
Your Cost \$2.51

# BURGESS "A" "B" and "C" Batteries



## Dry Batteries

Uniform quality insures equal current drain and low internal resistance. These batteries are exceptionally long lived.

Stock No.	Burgess No.	Volts	Size, Ins.	Shpg. Unit	Your Carton
			L W H	Ea. Pkg. List Price	Cost Each

### SUPER "B" BATTERIES

YY19850	21308	45	4½ 8¾ 7¾	16	6	\$2.50	\$1.85	\$1.68
YY19851	22308	45	3¼ 7½ 7½	10½	6	1.95	1.44	1.31

### STANDARD "B" BATTERIES

YY19859	10308	45	4½ 8 7	14	6	2.10	1.55	1.41
YY19860	2308	45	3¼ 7½ 7½	11	6	1.65	1.22	1.11
YY19861	5308	45	2½ 4½ 5½	5	10	1.20	.94	.85
YY19862	5156	22½	2½ 4½ 2½	5	10	.90	.62	.56
YY19863	4156	22½	2 3¾ 2½	2	10	.75	.55	.50
YY19878	2156	22½	4 6¾ 3	5	5	1.50	1.11	1.01

### STANDARD "C" BATTERIES

YY19866	5360	4½	2½ 1½ 2½	1	10	.40	.30	.27
YY19867	2370	4½	1¾ 4 3	2	10	.30	.22	.20
YY19868	5540	7½	7¾ 4 2½	3½	10	.65	.48	.44
YY19852	532	4½	2½ 2½ 1½	4	1	.00	.30	.27

## Flashlight Batteries

Burgess Uni-cell Batteries. Ideal for Testers, Analyzers or fountain pen flashlights.  
YY18200—No. 1 small size  
YY18201—No. 2 large  
Your Cost Each 62¢  
10 for 60c

## BURGESS "A" & "B" Midget Batteries

Two new Burgess Batteries for portable use. The Burgess 3 volt "A" is only 1½x2½x3¾", and is only 8 oz. Type 2FL.  
YY19853—Your Cost Each 35¢  
Lots of 3—each 32c  
The Burgess 45 Volt "B" is only 1½x3½x4¼", and weighs 14 oz. Lots of 3—each \$1.95.  
YY19854—Type X30FL. Your Cost Ea. \$2.19

## BURGESS 3 V. "A" Pack

For use with 2 Volt Tubes  
Scientifically designed for 2-volt tubes. There is no recharging; no servicing; no filling with water. Ready for immediate use. 100% dry. 400 hours service based upon ½ ampere discharge 3 hours per day. Dimensions: 1½x4x6¾" high. Shpg. wt. 15 lbs.



YY19872—Burgess 3 Volt "A" Pack. List \$3.20  
Your Cost Each \$2.37  
Carton Lots Each (4 to a Carton) \$2.15  
Illustrated at the left is the Burgess No. 44 Dry Cell—Used for Microphone Current—"A" supply, in portable Transmitters and Receivers, Monitors, Frequency Meters, etc. Thumb screw terminals.  
YY19869—4" high, 2½" diameter. Shpg. wt. 1 lb.  
Your Cost Each 24¢



## BURGESS Portable "B" Batteries

Designed for use in Transceivers, portable Transmitters, etc. Are exceptionally compact and despite their small size have a fairly long life.  
Type A30BP—45 volt "B". Uses 30 cells. Size 2½x4¼x4¼". Shpg. wt 4 lbs.  
YY19856—Your Cost Each \$1.10  
Type Z30P—45 volts "B". Uses 30 cells. Size 3¼x1½x4¼". Shpg. wt. 2 lbs.  
YY19865—Your Cost Each \$1.15



## Flashlight Batteries

Burgess Uni-cell Batteries. Ideal for Testers, Analyzers or fountain pen flashlights.  
YY18200—No. 1 small size  
YY18201—No. 2 large  
Your Cost Each 62¢  
10 for 60c

## BURGESS "A" & "B" Midget Batteries

Two new Burgess Batteries for portable use. The Burgess 3 volt "A" is only 1½x2½x3¾", and is only 8 oz. Type 2FL.  
YY19853—Your Cost Each 35¢  
Lots of 3—each 32c  
The Burgess 45 Volt "B" is only 1½x3½x4¼", and weighs 14 oz. Lots of 3—each \$1.95.  
YY19854—Type X30FL. Your Cost Ea. \$2.19



## BURGESS "Little Six"

A new, compact "A" Battery that replaces the obsolete I6A cell. 30% smaller; 40% lighter. Leakproof. Reliable. Shpg. wt. 2 lbs.  
YY19858—Your Cost 23¢



# Generators-Converters & Power Supplies

## Lafayette Rotary

### Converters with Radio Filter

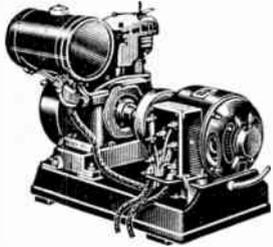
A new line of low priced D. C. to A. C. converters incorporating many improved features. These include: ball bearing motor, no oiling necessary; good regulation of output voltage; extremely quiet operation. All furnished complete with efficient radio noise filter. Sizes other than those listed can be procured—prices on request. Average shpg. wt. 25 lbs.



32 Volts D. C. to 110 Volts A. C.				110 Volts D. C. to 110 Volts A. C.			
Stock No.	Output Watts	Input Amps.	Your Cost	Stock No.	Output Watts	Input Amps.	Your Cost
YS17228	110	5.6	\$22.50	YS17229	110	1.69	\$22.50
YS17208	150	7.8	24.95	YS17210	150	2.23	24.95
YS17209	300	15.0	33.95	YS17211	300	4.0	33.95

## KATO A.C. Power Plant

Conservatively rated. Provision for self-starting by means of starting batteries which the plant keeps automatically charged. Remote starting and stopping, by means of push buttons or wall switches, available at slight extra cost. Consumes a minimum of gasoline and oil. Small voltage variation between load and no-load. Uses magneto ignition and accurate mechanical governor. Ideal for farm lighting, sound trucks, dance pavilions, etc. Available in sizes from 300 to 5000 W. Write for details and prices of sizes not listed.



YS17220—300 W. 110 V. A.C. Shpg. wt. 200 lbs.	<b>\$116.13</b>
List \$158.00. Your Cost	
YS17221—450 W. 110 V. A.C. Shpg. wt. 220 lbs.	<b>\$135.97</b>
List \$185.00. Your Cost	
YS17222—Remote Control Panel for either unit	<b>\$25.72</b>
Shpg. wt. 18 lbs. Your Cost	
YS17223—Special Muffler Head for Sound Truck installations.	<b>\$6.61</b>
Shpg. wt. 12 lbs.	
Your Cost	

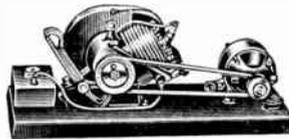
## JANETTE Rotary Converters

For operating 110 volt, 60 cycle A. C. electrical appliances, radios, P. A. Systems, etc., from D. C. supplies. Models available for any voltage from 6 to 220 volts as listed below. All are equipped with interference filters to prevent noise reaching the radio. If filter is not required, write for prices on model desired. Sizes are listed suitable for practically any requirement from small midget radios up to large public address systems, transmitters, etc.



32 v. D.C. to 110 v. 60 cycle A.C.				110-115 v. D.C. to 110 v. 60 cycle A.C.				
Stock No.	Output Watts	Input Amps.	Your Cost	Stock No.	Output Watts	Input Amps.	Your Cost	
YY19806	80	5.4	\$26.41	YY19807	80	1.3	\$26.41	
YY19800	110	6.5	28.47	YY19803	110	1.9	28.47	
YY19801	150	8.5	31.56	YY19804	150	2.4	31.56	
YY19802	300	15	44.25	YY19805	300	4.0	44.25	
YY19813	400	18	58.31	YY19815	500	6.4	58.31	
YY19814	650	27	86.78	YY19817	120	30	6.5	27.44
220 v. D.C. to 110 v. 60 cycle A.C.				YY19839	80	15	32.25	
YY19816	150	1.2	32.93	YY19870	120	18	37.39	
6 v. D.C. to 110 v. 60 cycle A.C.				YY19876	160	22	52.84	
YY19808	30	13	27.79					
YY19818	60	24	44.25					

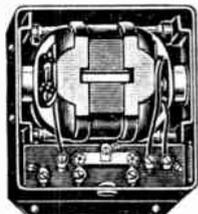
## 300 Watt Gas Engine Driven Generator



Ideal for use with P.A. systems, "ham" stations, electrical appliances, for lighting systems, etc. Engine is a four cycle motor which develops 3/4 H.P. and which runs 4 hours on one quart of gas. Air cooled engine has built-in magneto, full lift carburetor, mechanical governor and foot pedal starter. The pioneer generator delivers 110 to 120 volts 60 cycles A. C. at 300 watts. Also delivers 6 volts D. C. at 3 to 5 amps, for charging storage batteries. Generator coupled to engine by V-pulleys and belt. Entire assembly mounted on steel frame 12x26". Comes complete, ready to operate. Shpg. wt. 98 lbs.

**\$79.95**

YY19899 Your Cost



## GEN-E-MOTOR Auto "B" Eliminator

Combined motor and generator operating from a 6-volt storage battery. Can mount in exceptionally small space—3 3/4 x 5 3/4 x 5 3/4". Each complete with latest type filter. Will carry up to 25% overload. Shpg. wt. 17 lbs.

Stock No.	V. Out-put	M.A.	Taps	Drain	Your Cost
YN14209	180	30	90	1.94	\$10.88
YN14210	200	40	None	2.75	<b>10.58</b>
YN14228	225	50	None	3.8	
YN14229	250	50	None	4.2	
For Police Cars					
YN14245	135	30	67 1/2	1.1	14.70
For Sound Truck Equipment					
YN14224	275	120	None	9.0	22.50
YN14211	300	100	None	8.75	19.98
YN14180	300	100	Less Filter		16.17
For 32 Volt Lighting Plants					
YN14213	135		67 1/2		13.52
YN14222	180		90		13.52
YN14212	180		22 1/2, 45		14.70
			67 1/2, 90, 135		

## Wind-Driven Charger



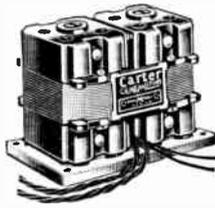
A complete unit operated by wind to provide 6 volts at 5 amperes, direct current, to keep charged the storage battery of a radio set or 6 volt lighting system. Generator is completely weatherproof and includes an automatic cutout device which operates when the battery is fully charged. The propeller is scientifically curved to operate at maximum r.p.m. at any wind velocity and to operate at extremely low wind pressures. May be mounted directly on the barn or house roof, or may be supported by the tower unit shown in illustration. Furnished complete

with ammeter, cutout relay, pipe fittings, clamps, and all other parts needed to make a complete installation. Shpg. wt. 35 lbs.

YS17225—Wind Gear—**\$15.95**  
Your Cost

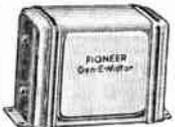
YS17226—Tower. Made of angle steel, well braced and stayed. Brackets will fit flat or gabled roofs. Raise charger approximately 5 feet from support. Shpg. wt. 12 lbs. **\$3.95**  
Your Cost

## Dual Unit for Transmitters



Developed especially to suit where reliability, small size, and light-weight are requirements. Ideal for two-way ultra S.W. police radio equipment. Quick starting motor, builds up to full voltage almost instantly. Employs special ball bearings which eliminates the need for oiling. One of the Genemotors delivers 250 V.D.C. at 50 MA. for operating the receiver. The other unit delivers 350 volts at 100 MA for the transmitter. It runs only when transmitting. DC voltage input required to motors—6.3 V. Current drain of receiving unit (input) 4.5 amps.; transmitting unit 11 amps. Designed for continuous use; well balanced with vibration reduced to a negligible point. Size—approx. 5 1/2" high, x 4" wide, x 7" long. Shpg. wt. 20 lbs. List Price \$40.00.

YN14181  
Your Cost **\$23.52**



## GEN-E-Motors

In cadmium plated case 2 3/4 x 5 3/4 x 4". Replaces vibrator

types. Shpg. wt. 8 lbs.

YN14201 For 6V. in., delivers 225 V. at 50 MA. Drain 3.8 A.

YN14230—6V. in., delivers 250 V. at 50 MA. Drain 4.2 A.

Your Cost **\$7.64**

Either Type **\$9.70**

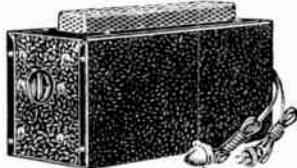
YN14233—32 V. in., 180 V. out.

Your Cost **\$9.70**

Each

For replacing Ford-Majestic units, 250 V., 50 M.A.

YN14182—Your Cost **\$7.64**



## Short Wave D.C. to A.C. Inverter

A specially filtered mechanical inverter suitable for radio receivers of the all-wave type. Will function as quietly on short-wave bands as well as on the broadcast band. Also, ideal for amplifiers and public address work where the consumption does not exceed the maximum capacity of the unit. Operates from 110 to 120 volts D.C.—produces 110 to 120 volts A.C., 150 watts maximum. Completely fused. Well designed and ruggedly made. Vibrator easily serviced or replaced, when necessary. Attractive appearance—finished in cracked black. Supplied complete with flexible rubber covered line cord and switch. Output receptacle on side. Full operating instructions. Shpg. wt. 18 lbs. **\$27.50**  
Your Cost

## GENERAL "B" Supply



Delivers A.C. from a 6 volt battery. Taps at 90, 135, 180 and 250 volts. Battery drain only 4.0 amperes. Uses type 84 rectifier. Shpg. wt. 15 lbs.

YN14252—Power Supply, with rectifier tube. **\$8.82**  
Your Cost

# VOLTAGE

# REGULATORS & RECTIFIERS

## CLAROSTAT Line Ballasts



Real compensation for line voltage changes is available for radio sets and amplifiers designed for use with the Line Ballast. The Clarostat Line Ballast will cover a range of from 95 to 135 volts. **GUARANTEED REPLACEMENT FOR THE FOLLOWING RECEIVERS:**

Stock No.	Replacement For	Type No.
YF6803	Belmont	2518
YF6804	Bremer-Tully	2169
YF6805	Brunswick	2179
YF6806	Clarion	2408
YF6807	Grebe	6412
YF6808	Grebe	6420
YF6809	Grebe	6310
YF6805	HiQ 30	2179
YF6806	HiQ 31	2408
YF6807	Kennedy	6412
YF6809	Kyletron	6310
YF6816	Majestic 70	1516
YF6817	Majestic 72	1508
YF6818	Majestic 80	1012
YF6819	Majestic 90	1210
YF6820	Baldwin	2516
YF6809	Peerless	6310
YF6805	Scott	2179
YF6805	Silver	2179
YF6820	Simplex	2516
YF6805	Sonora	2179
YF6803	Starck Piano	2518
	Stewart Warner	
YF6823	Model 900-61816	5001
YF6824	Model 950-62152	5002
YF6825	Model R100-66756	5003
YF6809	United Reproducer	6310

List \$2.50  
Your Cost Each ..... **\$1.18**

## Line Reducing Ballasts



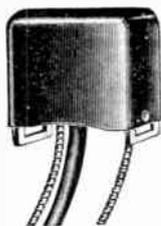
For use with universal A.C. and D.C. receivers, 110 volt type, for operation on 220 volts. Drop across ballast—110 volts; made in several types, selection depending on M.A. drain of receiver. Shpg. wt. 1 lb.

Stock No.	M.A. Drain of Set	Your Cost
YF6861	300-340	<b>\$1.18</b>
YF6862	350-390	
YF6863	400-440	
YF6864	450-500	

Any Type

## Trutest

### Automatic Battery Charge Rate Regulator



The Trutest Regulator advances the charging rate of the generator by approximately 5 amperes when the set or appliance is turned on, but automatically returns generator to the original charging rate when the equipment is not operating. Thus, generator and battery are saved from being overtaxed. Easily installed, without the need for any tools. Full instructions included. Shpg. wt. 2 lbs.

YV14258—Trutest Automatic Charge Rate Regulator.  
Your Cost ..... **\$2.25**

## I. C. A. Conversion Resistovolt

For dry cell battery receivers. Facilitates change-over to Air Cell operation, resulting in advantages of long-life, economy, and constant voltage. Also, for replacement of ordinary ballast tubes in battery receivers, either of dry cell or Air Cell type. Does not wear out like ordinary ballast tubes, consequently eliminates necessity for frequent replacement, is very inexpensive, and simple to install. Plugs into socket of the receiver in place of the ballast. Insures long tube life and full 1,000 hours, minimum, of long and trouble-free Air Cell battery service. Requires no tubes, no soldering. Average shpg. wt., 1 lb. each unit.

Stock No.	Replacement Type Receiver
YI12640	For Colonial Model 659.
YI12641	For Montgomery Ward (Air Line), 62, 91.
YI12642	For Montgomery Ward (Air Line), 77, 95.
YI12643	For Philco's 34, 34A, 38, 38A, 39, 39A. (Models 38, 38A, using type 15 tube).
YI12644	For Philco's 38, 38A, using type 1C6 tube.
YI12645	For Silvertone 1712, 1713, 1714, 1854, 1857.
YI12646	For Silvertone (Sears Roebuck) 1710, 1711A, 7090A, 1711, 1790, 1852, 1853.
YI12647	For Silvertone 1850, 1851.
YI12648	For Sentinel 660, 6200, 6234, 6241.
YI12649	For Sentinel 7700, 7732, 7741.



Your Cost

**44¢**  
Any Type

## I. C. A. Resistovolt

Meets an existing condition in practically all households, namely voltage fluctuation. The function of the Resistovolt is to level the supply at all times, so as to give the most efficient operating voltage. Shpg. wt. 1 lb.



YI12605—For sets using 6 tubes or less. YI12606—For sets using more than 6 tubes. List \$1.75  
Your Cost, Either ..... **\$1.03**

## Universal Resistovolt



Protects tubes, condensers and reduces hum by counteracting line voltage surges. Made by ICA. Shpg. wt. 8 oz.

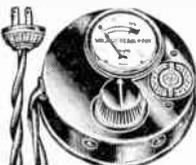
YI12619—For sets using 6 tubes or less. YI12620—For sets using more than six tubes.  
Your Cost, Either ..... **69¢**

## Automatic Line Voltage Control



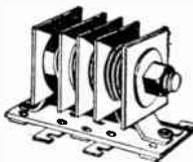
A dependable voltage regulator. Small, neat, compact. Fits any standard outlet. For all A.C. sets up to 9 tubes. Steel clad, air-cooled. Shpg. wt. 8 ozs. List \$1.25  
YR16955—  
Your Cost ..... **30¢**

## READRITE A.C. Line Voltage Regulator



Very desirable for use ahead of A.C. radio sets where line voltage fluctuates. Saves tubes and condensers. Has dial and rheostat by means of which voltage may be adjusted to exactly 110 volts. Meter, continuously in line circuit, indicates when voltage is too high. Baked enamel finish. Shpg. wt. 3 lbs.  
YK11021—List \$7.00  
Your Cost ..... **\$4.12**

## ELKON Rectifiers



Type XB-16

Used on the following "A" eliminators: Majestic, Mayolian, Knapp, Elkon, Philco, Webster, Metro, Fada, Bernard, General Inst., Sentinel and Briggs and Stratton. 3 amps. Shpg. wt. 4 lbs.

YA431—  
Your Cost ..... **\$3.73**

## B-L Rectifying Units



For dynamic speakers, "A" powers, signaling equipment, etc. Type B12 is for "A" eliminators such as Acme, Sterling, Arco, Stewart, France, Green-Brown, etc. Type B16 is for Green-Brown Type D, Norden-Hauk, Tobe-Deutelman, Webster, Valley type DMA, etc. Shpg. wt. 3 lbs.

YA435—Type B-12. List \$4.50  
Your Cost ..... **\$2.65**  
YA436—Type B-16. List \$5.00  
Your Cost ..... **\$2.94**

## RCA 106 Rectifier



Genuine Part No. 5898 copper oxide rectifier unit, for installation or replacing worn-out or defective rectifier stacks in 106 speakers. All brand new, clean units. May be obtained in either single units or pairs. Output of each—100 volts D.C., 100 M.A., at 110 volts A.C. input. Shpg. wt. 4 lbs.  
YW19206—  
Your cost, per pair **\$6.00**  
Single units ..... \$3.00

## AMPERITE Line Voltage Regulators



Improves the receiver. Enables servicemen to augment their income from regular service work. When installed, keeps line voltage constant, resulting in uniform reception and minimizing possibility of overloading resistances and condensers. Recommended by m'n'frs. Easily installed in a few minutes. Specify type desired.

General Purpose Amperites for 110 volt A.C. Receivers		Your Cost
No. of Tubes in Set	Use Amperite	
4-5	5-A-5	<b>\$1.25</b>
6-7	7-A-5	
8-9-10	9-A-5	
11-12	11-A-5	

Amperite Socket  
For use with any of the above Amperites.

YV19101—  
Your Cost Each ..... **15¢**

## EXACT DUPLICATE Replacement Amperites

Exact replacement line ballast regulators. Simply plug-in Amperite specified when replacing. Specify type desired.

Receiver Models	Amperite	Your Cost
Brwick 14, 21, 31	ite	9-20
B. Tully S81, S82		9-20
G.E. B-86		5-16
Ham. R'bts. HQ31		10-10
Ham. R'bts. HG30		11-20
Kyletron K71, 72		11-20
Maj. 90, 91, 92		90
Maj. 70, 71, 72		70
Peerless 21 to 25		11-20
RCA 876, screw B		876
RCA R-223		5-16
Scott Raider		12-20
Victor R32, 52		10-V-10
Victor R35, 39		9-V-10

## Replacement Regulators for 2 Volt Battery Sets

For keeping voltage constant to tube filaments. Minimizes tube burnouts and breakdowns and makes it unnecessary to employ special external resistors when 2 volt "A" packs are used. Specify type desired.

Reg. No.	Current Amps.	Amperite No.	Your Cost
1G1	.4	1G1	<b>94¢</b>
6AA	.5	1A1	
5E1	.5	1A1	
042	.48	1E1	
1E1	.48	1E1	
10AB	.55	5H-1	
6-1	.62	6-1	
7-1	.62	1F1	
31	.7	1F2	
30		1A2	
31		1B2	
52		1C2	

## Replacement Regulators for A.C.—D.C. Sets

For replacement in popular types of A.C.—D.C. receivers where a tube is employed in place of line cord resistance. May also be installed as a substitute for line resistance. Specify type desired.

Regulator No.	Amperite No.	Your Cost
300	3-40	<b>73¢</b>
50X3	3-40	
5B	3-40	
3-40	3-40	
46A1	46A1	
46B1	46B1	

# NOISE FILTERS



## SPRAGUE Interference Analyzer

A truly professional instrument which is of great aid in solving and eliminating interference. Simply connect to the electrical appliance suspected, turn on the customer's receiver—or a portable (if one is employed) and manipulate the Analyzer switching device. This switch automatically connects various filter banks into the interference circuit until a combination is found that effectively reduces or eliminates the noise.

(Output meter in speaker circuit will now readily indicate any change.) Then, by noting the position of the switch and referring to the instruction card, substitution is made of the values employed in the Analyzer at that particular position of the switch. **Thorough, effective, and a big time saver!** Compact in construction, measures 4½" wide, 7" high, and 3" deep. Rugged and attractive in appearance, case is made of moulded Bakelite in mottled walnut finish. Parts employed have more than a sufficient safety margin and are designed to easily withstand 110 volts A.C. or D.C. and 220 volts A.C. or D.C. Flexible leads with plug and rubber covered clip connectors permit quick and safe connection to "input" and "output" sides of Analyzer. Ground terminal on unit connects to external ground and removes inconsistencies from tests. Furnished complete—no'ing else to buy! Shpg. wt. 10 lbs. **\$8.90**

YL12697—Your Cost

## SPRAGUE Interference Elimination

### Condensers and Chokes



Designed to meet all requirements in the field of interference elimination, and to permit construction of any type filter arrangement. "A" is a dual-condenser, suitable for large motors. In obstinate cases choke "D" may also be required. "B" is an oil impregnated-oil filled condenser—for small motors requiring high-capacity units. "C" is available in 2 sizes, both tubular 2 lead condensers—for connecting to fractional H.P. motors. "D" is a completely shielded choke, maximum 10 ampere rating, for large motors—up to 1 H.P.

Stock No.	Type	Shpg. Wt.	List Price	Your Cost
YL12438	A	1 lb.	\$7.50	\$1.47
YL12439	B	1 lb.	1.75	1.03
YL12440	C	1 lb.	.75	.44
YL12441	D	1 lb.	1.00	.59
YL12442	C	1 lb.	1.35	1.35

### KNOCKOUT BOX

Solid heavy gauge steel with three ¾" knockouts on each side. Ideal for mounting all of above components used in interference filtering. 6¼x6½x3". Shpg. wt. 2 lbs. **\$8.00**



## ELIM-O-STATS Radio-Noise Eliminators

Small, compact, inexpensive, and easy-to-apply units for dispensing with man-made static. Each is for different requirements, depending on noise, type receiver, etc.

### For Use Directly at the Receiver



Designed for application to radio sets which are receiving a low intensity of noise through power lines. Inserted in plug of line cord or set, then in power receptacle. Rating 110 volts, 5 amps. max. Shpg. wt. 1 lb. **\$2.40**

YL12432—Your Cost



Similar to above, but more effective with certain types of receivers or in cases where more severe noise is encountered. Plug end fits directly into power receptacle, and set plug fits into unit. Shpg. wt. 1 lb. **\$4.40**

YL12433—Your Cost



Especially suitable for All-Wave receivers. Most effective when used with noise-reducing antenna system. Sectional band-suppression construction. Rating 110 volts A.C. or D.C., 3 amps. max. Shpg. wt. 5 lbs. **\$2.94**

YL12434—Your Cost

### For Use with Disturbing Electrical Devices



Designed exclusively for dial telephones which create interference. Satisfactorily reduces noise over a wide range. Simple and convenient to install. Full instructions supplied with each. Shpg. wt. 1 lb. **\$7.30**

YL12435—Your Cost



For application to small appliances which create interference. Plugs directly into the line and requires a short return wire to the frame of the appliance. Rated at 110 volts A.C. or D.C., 5 amps. max. Shpg. wt. 1 lb. **\$7.30**

YL12436—Your Cost



Employs sectional band-suppression construction which permits wider application. Supplied with plug and convenience outlet which means quick connection to any appliance. Rated at 110 volts A.C. or D.C., 3 amps. Shpg. wt. 5 lbs. **\$2.94**

YL12437—Your Cost



## NOISE FILTERETTES

The TOBE products listed below were developed after years of research and pioneering in the noise elimination field. They are designed for application in any type of noise interference problem. Oversize parts used in each.

### Line Filterette RF-2



To eliminate noise reaching the receiver through the power line. Connects between the line and the receiver. Not suitable for application to electrical appliances. We recommend the use of the Model 33 in conjunction with this unit.

Filterizer Kit in Shpg. wt. 3 lbs. **\$2.90**

YL12608—Your Cost



For suppressing radio noise caused by electric refrigerators, heating pads, fruit juice extractors, adding machines, etc. Contained in a metal case 5½x4½x3½". Receptacle and attachment plug fit all standard wiring outlets. Maximum potential 110 volts A.C. or D.C. Maximum current 5 amperes. Shpg. wt. 13 lbs. **\$6.18**

YL12683—List \$10.50  
Your Cost

### Filterette Junior



For household appliances. Vacuum cleaners, small hair dryers, fans and cash registers are easily made interference free by use of a Filterette, Jr. Bakelite case 1½" in diameter and 2½" long. For binding post for connecting return wire from Filterette to frame of appliance. 110 volts A.C. or D.C. Shpg. wt. 1 lb. **\$1.32**

YL12601—Your Cost

### Filterette Senior

For interference problems requiring a larger condenser than the "Junior." Shpg. wt. 4 lbs. **\$3.24**

YL12600—Your Cost

### Inductive Capacitive Filterettes



Designed for application to motors, generators, farm lighting equipment, refrigerators, etc. Contained in metal cutout cabinets and are fused for protection against overload. Models listed below are for 110 volts A.C. or D.C. operation but can be furnished for 220 volts at higher prices.

YL12680—5 Ampere Size. 10x6¾x3¼". Shpg. wt. 10 lbs. List \$12.50 **\$7.15**  
Your Cost

YL12681—10 Ampere Size. 13x9¾x3¼". Shpg. wt. 15 lbs. List \$20.00 **\$11.76**  
Your Cost

YL12682—20 Ampere Size. 16x10¾x4¼". Shpg. wt. 45 lbs. List \$30.00 **\$17.64**  
Your Cost

### Capacitive Filterettes

A pure capacity type that does not use chokes. To be used with motors, generators, rectifiers and other electrical apparatus. Due to the fact that no current flows through this model it therefore has no current or wattage rating. These filters are connected across the line, that is, in parallel with the appliance. Contained in metal cutout boxes approved by the board of fire underwriters, 7x6¾x3¼". Has fuse block. Shpg. wt. 6 lbs. **\$5.88**

YL12670—110 volts D.C. Model 10. List \$10.00 **\$5.88**  
Your Cost

Stock No.	Voltage	Your Cost
YL12690	110 volts A.C.	\$5.88
YL12691	220 volts D.C.	8.82
YL12692	220 volts A.C.	8.82
YL12693	3-Ph. 220 volts A.C.	11.76

### The FILTRAD—Interference Eliminator



A unit for suppressing all R.F. noise radiations at their source. Three sizes available to cover up to 2½ H.P. motor installations. All are for 2-wire circuits, up to 250 volts. The ½ H.P. unit is a plug-in unit with extension cord and attachment plug. Other sizes are of the wall mounting type. Complete instructions with each. Prices and specifications of larger Filtrads for installations ranging up to 100 H.P. supplied upon request. Shpg. wt. 3 lbs.

Stock No.	Capacity H.P.	List Price	Your Cost
YL12667	½	\$2.75	\$1.62
YL12685	1	3.75	2.20
YL12669	2½	5.75	3.38

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# NOISE REDUCING ANTENNAS & EQUIPMENT

## Truest 'Low Ohm' Wire



**For Aerials and Transposed Lead-ins**

Especially designed to have a low resistance at high frequencies. Hard enough to prevent undue stretching yet soft enough to be easily worked. Intended for the aerial proper and transmission lines. Shpg. wt. 3 lbs. **YQ16264—Heavy Bare, #7/20. Your Cost**  
**Per 100 Ft. Coil..... 69¢**  
**YQ16265—Heavy Enameled, #7/20. Your Cost**  
**100 Ft. Coil..... 81¢**  
**YQ16266—Light Enameled, #7.25. Your Cost**  
**100 Ft. Coil..... 28¢**

## Transmission Cable



Especially designed for use with doublet antenna systems. Consists of two rubber covered conductors covered by a weather-proof cotton outer braid. Shpg. wt. (100 ft.), 4 lbs. **YR17152—100 ft. coil. 80¢ Your Cost**  
**YR17184—500 ft. coil. \$3.45 Your Cost**

## Shielded Transmission Line



A ten-strand wire covered with live rubber, a lacquered cotton braid and a woven-tinned shield. This wire is the same type as used in many filtered aerial systems such as Tobe, Lynch, etc. **YQ16240—50 Ft. 100 Ft. 500 Ft. Your Cost 55c \$1.05 \$4.95**

## Shielded Transmission Cable



Special two-wire shielded cable for use as transmission line with doublet antennas. Cable is built-up to a fairly large diameter so as to provide space between conductors and shield; this reduces losses to a minimum. **YQ20860—Your Cost per foot..... 9¢**  
**50 Ft. \$4.25 100 Ft. \$7.95**  
 1 Wire Transmission Cable Similar in construction to the above, but with one conductor. Tightly woven shield.  $\frac{3}{8}$ " diameter. **YQ20861—Your Cost per ft..... 7¢**  
**50 Ft. \$3.25 100 Ft. \$6.25**

## New Type Antenna Cross-over Insulator



Glazed Porcelain

For use with double-doublet aerials. Has great tensile strength. Size 6x10". **YR16953—Your Cost Each..... 40¢**  
**10 for..... \$3.75**

## Lafayette All Wave Antenna Kit



Designed for use with all-wave receivers. A special receiver transformer supplied with the kit allows the use of a transposed lead-in without the necessity for making any changes in the input circuit of the receiver. The kit contains the following parts: two 40 foot lengths of heavy enameled wire for the doublets; 50 feet of special weather-proof transmission line; one special receiver matching transformer; one aerial spreader; two antenna insulators; one 6" porcelain screw eye; two nail-knobs; two lead-in strips and one ground clamp. Full instructions furnished. Shpg. wt. 5 lbs. **YQ16474—Your Cost..... \$1.30**

## I.C.A. Variable All-Wave Antenna Coupler



A new departure in impedance matching devices. By means of two slider rods, the inductance of both primary and secondary windings may be varied. This allows the transmission line to be adjusted to the point of minimum noise pick-up and maximum signal strength. Full instructions. **YL12676—Your Cost..... 58¢**

## TACO No. 20 All-Wave Antenna

The development of the high fidelity receiver has made necessary the use of a scientifically designed antenna system. The new Taco No. 20 system fulfills every requirement for noiseless and efficient reception on all usable frequencies. The kit contains the following equipment: one receiver coupling transformer; one antenna transformer; 60 feet of antenna wire (two 30 foot doublets); 75 feet of special transmission line. Full instructions included. Installation is a simple matter due to the fact that all parts are completely assembled and all solder joints factory made. Nail-it-knobs and antenna insulators are also supplied. Shpg. wt. 6 lbs. **YR16488—List \$6.75 Your Cost Each..... \$3.97**



## Airplane Insulator

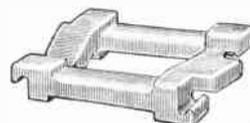
A  $1\frac{1}{2}$ " strain insulator especially designed for use where space and weight is a factor of importance. **YR17175—Your Cost Each..... 2¢**  
**Per Dozen..... 22c**

## Ceramide Transposition Blocks



A standard design ceramide transmission block at an heretofore unheard of price  $2\frac{1}{4} \times 2\frac{1}{2}$ ". Shpg. wt. of 10—1 lb. **YR17089—12 for 42c Your Cost Each..... 4¢**

## JOHNSON Transposition Blocks



Unique shape prevents twisting of line. Skeleton construction provides high leakage path. Glazed  $1\frac{1}{2} \times 2\frac{1}{2}$ ". Shpg. wt. of 10—2 lbs. **YR17171—Your Cost Each..... 5¢**  
**10 for..... 44c**

## All-Wave Coupler



This coupler provides a correct match at all wave-lengths. A doublet antenna using a twisted pair of transposed lead-in must be correctly matched to the receiver. Comes complete with instructions. Shpg. wt. 1 lb. **YR17172—Your Cost..... 59¢**

## Crossover Insulator

For use with doublet antennas. Made of glazed white porcelain. Non-hygroscopic. Size 3" long,  $2\frac{1}{2}$ " wide and  $\frac{3}{8}$ " thick. Will take #10 wire. **YR16951—Your Cost Each..... 6¢**

## Doublet Lead-in Strip

Consists of two strips covered by heavy cotton weatherproof braid Bakelite strip, riveted in place, holds strips parallel and avoids shorting. **YR16952—Your Cost..... 9¢**



## All-Wave Filtervolt

For all types of electric radios, including short wave, all-wave and broadcast receivers. Contains two condensers and four chokes in a capacity-inductance circuit. Rated conservatively at 300 watts. For 32, 110, or 220 volts A.C. or D.C. Size  $4\frac{1}{2} \times 6 \times 3\frac{1}{4}$ ". Shpg. wt. 9 lbs. **YL12677—Your Cost..... \$3.80**



## RCA-VICTOR All-Wave Antenna Systems



### "Double-Doublet"

Perhaps the greatest step forward in antenna design since the introduction of all-wave receivers. The complete installation consists of an interconnected pair of doublet antennas—one tuned to 16 meters—the other to 49 meters. A special transmission line, an improved type switchless receiver transformer, and all necessary wire, insulators, ground clamp and necessary parts to complete the installation, are included. Full instructions included. Shpg. wt. 6 lbs. **YR17090—Your Cost..... \$3.60**

### RCA DeLux "Double-Doublet"

Identical with the above, but includes a special Antenna Matching Transformer. This kit is especially designed for use where bad noise fields are encountered. Shpg. wt. 6 lbs. **YR17083—Your Cost..... \$4.65**

### Essential Parts Kit



For dealers, servicemen and experimenters who may prefer to buy standard parts locally. Kit contains: 1 receiver coupling transformer; 1 crossover insulator; 80 feet of transmission line. Full instructions included. Shpg. wt. 4 lbs. **YR16489—List \$5.00 Your Cost..... \$3.00**

### Loading Coils



For use with the "double-doublet" antennas when full doublet span cannot be used. **YR17085—Your Cost, per Pair..... 36¢**

### Transmission Line

Put up in 80 ft. coils. Must be added when original length of 80 feet is insufficient. **YR16490—Your Cost..... \$2.09**

# Lynch Antenna Equipment

## Giant Killer All-Wave



**YR17154**—List \$3.50  
**Your Cost**  
**YR17020**—Same but with 50 ft. of cable.  
**Your Cost**  
**YR17021**—Same Kit with 100 ft. cable.  
**Your Cost**

## Antenna Kit

An inexpensive yet highly efficient all-wave antenna kit. Uses 35 ft. of the new Giant Killer lead-in cable. Better than "twisted pair." Shpg. wt. 4 lbs.

**\$2.06**  
**\$2.59**  
**\$4.35**

## LYNCH Hi-Fi All-Wave

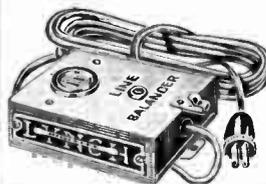
### "Duplex" Coupling System



Especially suited for use where the area covered by the antenna is limited. It will improve the efficiency of any doublet antenna now in use; is efficient from 3 to 600 meters. Kit contains: one Hi-Fi Duplex Antenna Coupler made of polished molded bakelite; one Hi-Fi Receiver Vario-coupler and one 50 foot length of Lynch Giant Killer Cable. Shpg. wt. 4 lbs.  
**YR17160**—Your Cost  
**YR17019**—Similar to above but with 100 ft. of Cable. Shpg. wt. 5 lbs.  
**Your Cost**

**\$3.97**  
**\$5.73**

## LYNCH Filteradio



A new line filter for eliminating line noises. When used in conjunction with a good noise-reducing antenna system, such as the adjacent "Hi-Fi" All-Wave

kit, very satisfactory noise free reception results. May be used with any type of receiver, A.C. or D.C., or generator or inverter fed, maximum voltage 250. Maximum current rating 10 amps. Shpg. wt. 4 lbs.  
**YL12679**—Your Cost

**\$2.94**

## HI-FI All-Wave Antenna Systems



Completely assembled all-wave antenna systems ready for immediate installation. Available in two types, the Standard, and the Junior, difference between the two are in the lead-in wire which is 50 feet of Giant Killer Cable for the Standard Kit, and 50 feet of high grade twisted pair for the Junior—as described below.

**YR17017**—Junior System. Consists of 1 HI-FI Coupling System, 50 Feet Twisted Pair Transmission Line, 41 feet Doublet 7/22 Copper Wire, 2 Commercial Type Insulators, 1-3" Screw Eye, 2 Nail-It

Knobs, 1-4" Porcelain Lead-in Tube. Shpg. wt. 4 lbs.  
**Your Cost**

**\$3.97**

**YR17018**—Standard System. Consists of 1 HI-FI Coupling System with 50 feet of Giant Killer Cable, 41 feet Doublet, made of heavy HI-MHO wire, and all other miscellaneous parts listed for Junior Kit. Shpg. wt. 5 lbs.  
**Your Cost**

**\$5.00**

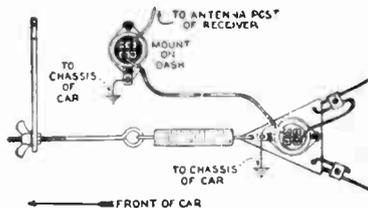
## "Noise-Free" Auto Antenna Systems

### KIT A-1

Contains 25 feet Lynch "Hi-Mho" Antenna Wire, two rear axle insulator assemblies, one flywheel housing insulator assembly, all necessary connectors and 10 feet of lead-in wire. Instructions enclosed. Shpg. wt. 4 lbs.

**YN14191**—List \$3.50.  
**Your Cost**  
**Each**

**\$2.05**



### KIT A-2

Contains 1-Lynch auto antenna impedance matching transformer, 1 receiver impedance matching transformer and 10 feet of Lynch Nostat shielded transmission line. Instructions included. Shpg. wt. 2 lbs.

**YN14192**—List \$5.00. **Your Cost**

**\$2.94**

### KIT A-3

Complete system. Contains all parts in both kits listed above. Full instructions included. Shpg. wt. 4 lbs.

**YN14193**—List \$8.00. **Your Cost**

**\$4.70**

## HI-FI Receiver Vario Coupler



For improving any existing noise reducing antenna, by substituting this unit for coupling device employed. By adjusting knob on the vario coupler signal may be regulated for

maximum intensity, with a minimum of interference. Shpg. wt. 2 lbs.

**YR17015**—List \$2.50

**Your Cost**

**\$1.47**

**YR17016**—Ant. Coupler to match

**Your Cost**

**\$2.05**

## LYNCH "Giant Killer" Cable



An excellent transmission cable for use with doublet antennas. Heavy rubber outer covering; high voltage insulation. May be used with transmitters up to 100 watts. Shpg. wt., 50 foot coil, 2 lbs.

**YR17177**—50 foot coil. **Your Cost**

**\$1.76**

**YR17178**—100 foot coil. **Your Cost**

**3.53**

**Your Cost**

**4¢**

Super Giant Killer Cable, for transmitters up to 1 K.W. 50 foot coil.

**YR17030**—Your Cost

**\$3.53**

## Pigtail Lightning Arresters



The Lynch Pigtail Lightning Arresters provide suitable protection for any receiver. Double type for doublet antennas.

**YL12659**—Double Arrester with mount

**Your Cost**

**73¢**

**YL12666**—Single Arrester with mount

**Your Cost**

**45c**

**YL12658**—Single Arrester less mount

**Your Cost**

**30c**

## "MARCONI-Type" All-Wave Antenna System



This system is a combination of the popular No-Stat and HI-FI Antenna Systems. It includes all of the necessary equipment for making a quarter-wave antenna with a noise-reducing lead-in and suitable impedance matching. Kit includes: Antenna Coupler, Receiver Coupler, 60 feet HI-MHO antenna wire, Insulators, Arrestor, etc., and instructions. Shpg. wt. 5 lbs.

**YR17009**—Kit with 35 feet Giant Killer Cable and above parts

**Your Cost**

**\$4.65**

**YR17010**—Same with 50 feet of Giant Killer Cable

**Your Cost**

**\$5.17**

## Booster Coupler



Increases the signal when used with any type of doublet system in which an antenna transformer is not used. Especially recommended for use with the "Giant Killer" All-Wave antenna system. With complete instructions. Shpg. wt. 2 lbs.

**YR17014**—List \$1.50

**Your Cost**

**88¢**

## Commercial Antenna Insulators



Patterned after U. S. Navy Standard. "A" is of high grade moulded Lynchite, "B" of

Insolantite. Extremely low loss.

**YR17012**—Type A, Kit of 8. Shpg. wt. 3 lbs.

**Your Cost**

**73¢**

**YR17013**—Type B, Kit of 8. Shpg. wt. 3 lbs.

**Your Cost**

**\$1.18**

## Transposition Blocks



The genuine Lynchite Transposition Blocks. For Receiving or Transmitting aeriels. Extremely durable yet light in weight. High resistance—minimum electrical losses. Shpg. wt. 1 lb.

**YR17110**—Your Cost

**Kit of Ten**

**\$1.62**

## Cage Aerial Spreaders

Made of Lynchite. Rugged yet light in weight. A cage aerial is preferred by many for both receiving and transmitting. Shpg. wt. 2 lbs.

**YR17108**—List \$2.75

**Your Cost**

**for 10**

**\$1.62**



## 3-Hole Insulators

Designed to U. S. Navy Standards. Made of high grade ceramic material for minimum electrical loss or leakage. Resists accumulation and absorption of moisture, and therefore aids in reducing antenna losses to a minimum. Used for any doublet antenna—outside holes for antenna wires and center hole for lead-in. 3"(long)x1 1/2"x1/2". All holes approximately 1" apart. Glazed finish.

**YR17011**—Your Cost Each

**6¢**

Replacement Part Headquarters for Dealers and Service Men

# AERIAL ACCESSORIES

## Lead-in Strips

Copper Core with waterproof lacquered webbing. Length 12". Has new screw type terminals which make better connections and a neater appearance than most other strips. Quickly installed.

**YR17100—100 for \$4.50**  
**Your Cost Each..... 5¢**

As above with Fahnestock terminals.  
**YR17101—100 for \$2.90**  
**Your Cost Each..... 4¢**

## Antenna Spring



Takes up slack in aerial. Spring only.

**YR16980—Your Cost Each. 7¢**

## Porcelain Tubes



For lead-ins. 3/8" diameter.

**YR16860—5" long.**  
**Each..... 3¢**  
**Per 100..... \$2.25**

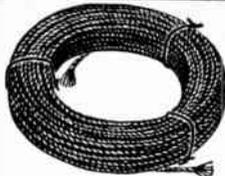
**YR16861—6" long**  
**Each..... 4¢**  
**Per 100..... \$3.00**

## Sticktape Aerial



Adhesive tape aerial. Sticks anywhere. Highly efficient. Shpg. wt. 8 oz.

**YR16164—50 ft.**  
**Your Cost..... 53¢**



## Bare Copper Wire

**7/27 STRANDED**  
**QY16112—100 Foot Coils**

Single	Lots of	Lots of
14c	10 Each	25 Each
	13c	12c

**75 Foot Coils**  
 9 1/2c 8 1/2c

**7/26 STRANDED**  
**YQ16113—100 Foot Coils**

Single	Lots of	Lots of
17c	10 Each	25 Each
	16c	15c

**75 Foot Coils**  
 13c 12c 11c

**7/24 STRANDED**  
**YQ16114—100 Foot Coils**

Single	Lots of	Lots of
22c	10 Each	25 Each
	21c	20c

**75 Foot Coils**  
 17c 16c 15c

**7/22 STRANDED**  
**YQ16115—100 Foot Coils**

Single	Lots of	Lots of
29c	10 Each	25 Each
	27 1/2c	26c

**75 Foot Coils**  
 22c 21c 19 1/2c

## Antenna Wire

We Guarantee our wire to be First Quality, Full Length and Standard Gauge as specified. It has been called to our attention that some houses are cutting short lengths and selling under size wire in order to quote a low price. Our prices are the very lowest, consistent with standard size, length and quality.

## Enameled Copper Wire

**7/24 STRANDED**  
**YQ16116—100 Foot Coils**

Single	Lots of	Lots of
30c	10 Each	25 Each
	28c	26c

**75 Foot Coils**  
 24c 22c 20c

**7/22 STRANDED**  
**YQ16117—100 Foot Coils**

Single	Lots of	Lots of
39c	10 Each	25 Each
	37c	35c

**75 Foot Coils**  
 31c 29c 27c

**No. 14 SOLID**  
**YQ16118—100 ft. coils.**

Single	Lots of	Lots of
31c	10 Each	25 Each
	30c	29c

**No. 12 SOLID**  
**YQ16119—100 ft. coils.**

Single	Lots of	Lots of
46c	10 Each	25 Each
	45c	44c

**No. 10 SOLID ENAMELED**  
**YQ16129—**

Per Ft.	Per 100 Ft.
1c	75c

## Pipe Strips



A strip of copper with holes at short intervals so that clamp is adjustable to fit any size pipe up to 2" in diameter. Has spring clip for attaching ground wire.

**YR17102—Your Cost Each. 3¢**  
 10 for.... \$0.25 50 for.... \$1.20

## Our Special Ground Clamp



A very special value. Makes a vice grip on pipe. Has sharp pointed screw that penetrates surfacing and makes perfect contact. Has screw for connecting ground wire.

**YR17105—Your Cost Each. 3¢**  
 12 for.... 30c 100 for.... \$2.25

## Ground Clamp

Standard type. Sharp teeth bite through rust or paint on pipe. Insures good connection. Pipes up to 3/4"

**YR17103—Your Cost Each. 10¢**  
 12 for.... \$1.10



## Antenna Turnbuckles



For tightening aerial guy wires. Cast brass will not rust. Shpg. wt. 1 lb.

Stock No.	Extended Length	Take up	Your Cost
YR16715	3"	3/4"	\$0.14
YR16716	5"	1 1/2"	.23
YR16717	6 3/8"	2 1/2"	.35

## AERIAL, LEAD-IN INSULATORS

### Nail-it Knobs



Heavy white porcelain nail knob. Leather washer under nail head prevents breaking knob when fastening. Height 1 1/2". Diameter 1 1/4".

**YR16977—Your Cost Each..... 2¢**  
 50 for 95c 100 for \$1.55

### Nail-it Knobs

Heavy rectangular knob with extra strong nail. Has leather washer under nail head to prevent breakage when fastening. Makes a neat looking job. Easy to use.

**YR16978—Your Cost Each..... 1 1/2¢**  
 50 for 55c 100 for 85c



### Screw-in Knobs



For attaching lead-in or ground wires to posts or buildings. Wire passes through center of porcelain. With screw 3" long.

**YR16972—Net Each..... 2 1/2¢**  
 12 for 27c 100 for \$1.90

**YR16976—6" long.**  
**Net Each..... 4¢**  
 12 for 42c 100 for \$2.75

### Bakelite Insulated Screw Eyes

Stronger than porcelain.

**YR16988—3" long.**  
**Your Cost Each..... 3¢**  
**Per Dozen..... 30c**

**YR16989—6" long.**  
**Your Cost Each..... 5¢**  
**Per Dozen..... 50c**



### Glass Insulators



Special tempered glass, unaffected by heat or cold or other climatic conditions. Best quality. 3" long.

**YR16850—Your Cost Each..... 3¢**  
 Lots of 100..... \$2.65

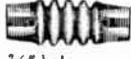
**YR16851—Length 4".**  
**Your Cost Each..... 4¢**  
 Lots of 100..... \$3.50

**YR16852—Length 5".**  
**Your Cost Each..... 10¢**  
 Lots of 100, Each..... 9c

### Porcelain Insulators

Porcelain Insulators of the better quality. Heavy and strong. 3 3/4" long. 1/2" hole.

**YR16803—Your Cost Each..... 4¢**  
 Per 100..... \$3.25



### Brown Porcelain

Strain insulator made of heavy porcelain. 2 1/2" long, 5/16" hole.

**YR16802—Your Cost Each..... 2¢**  
 Per 100..... \$1.75



### Screw Eyes

Useful in many ways, fastening aerial pole guy wires, etc. Length 2". Shpg. wt. per box, 1 lb.

**YR16985—Your Cost Each..... 1¢**  
 100 for..... 90c



## LIGHTNING ARRESTORS

### 'Doublet' Arrester



A new approved lightning arrester for the doublet type of antenna. This kind of lightning arrester must be of the air gap type and be carefully insulated from ground. A well designed protector; throughout dependable in its operation. Made of fine quality porcelain smoothly glazed. Shpg. wt. 1 lb.

**YR16950—Your Cost..... 25¢**

### I. C. A. Champion Arrester



Black glazed porcelain for outdoor and indoor use. Absolutely weatherproof and non-grounding. Carbon type, positive protection. Individually tested to meet Underwriters' requirements. Shpg. wt. 2 lbs.

**YR16710—Your Cost..... 27¢**

### A Special Value!

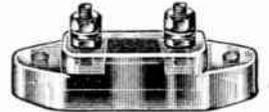


Only 7¢ Each

Dealers especially will appreciate this item. A thoroughly reliable protector that can be retailed at a low figure without sacrificing their margin of profit. Porcelain body. Shpg. wt. per doz. 3 1/2 lbs.

**YR16753—Your Cost Ea. 7¢**  
 12 for... 70c 100 for... \$6.50

### BRACH Vis-O-Glow Lightning Arrester



Same high degree of protection as that used in fire and police signal service. Entirely different from ordinary arresters. Instead of making use of a NEON TUBE. By far the most sensitive arrester made, the slightest induction is readily shunted to ground. When in operation you can see it work. Shpg. wt. 2 lbs.

**YR16700—Your Cost... 59¢**

### S. H. Arrester Air Gap

All bakelite, air gap type. Especially suitable for doublet type antennas, because it does not ground the aerial through a high resistance.

**YR16756—Your Cost Each..... 19¢**



### PARKSON Arrester

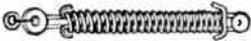


All bakelite. Non-airgap type. Approved by the Underwriters. Shpg. wt. 1 lb.

**YR16705—Your Cost Each..... 9¢**

# - ANTENNAS -

## Aerial Spring Tension Adjusters



The aerial spring adjuster corrects excessive sag of doublet antennas. Consists of two hooks with porcelain rings interconnected with a powerful compression spring. Shpg. wt. 1 lb.  
**YR16487—Your Cost . . . 29¢**

## Aerial Eliminators Insultenna



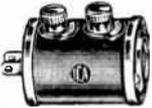
Replaces outdoor antennas. Not connected to light socket. Gives capacity of 75 ft. aerial. In bakelite case 5 x 5 1/2 x 1". Mounts anywhere.  
**YR16166—Your Cost . . . \$1.18**

## TOBE No-Tenna



Connects instantly. Eliminates fire and lightning hazards. Reduces distortion. Shpg. wt. 1 lb.  
**YL12696—Your Cost . . . 59¢**

## Dynatrol



A line filter and aerial eliminator in one unit. Filter of the capacity type. Shpg. wt. 1 lb.  
**YL12633—Your Cost . . . 88¢**

## Ground Rods



Clip makes positive and permanent connection. Heavy steel yoke for driving head 3/8" drawn steel, cadmium plated. Use wherever a pipe ground is not available. For receivers or transmitters. Shpg. wt. 2 lbs.  
Stock Length Your Cost  
No. Feet Each Per Doz.  
**YR17187 4 24c \$2.50**  
**YR17188 6 38c 4.25**

## Antenna Lead-in Clip



Heavy Bronze clip to fasten lead-in to aerial.  
**YQ16058—Your Cost . . . 7¢**

## Tubular Steel Masts



Made of welded steel tubing with green baked-on enamel finish. Guy wire disc at top.

### MADE IN FOUR SIZES

**YR17139—Single Section.** 3 1/2 ft. Shpg. wt. 3 lbs. **Your Cost . . . 59¢**  
**YR17142—Double Section.** 7 ft. Shpg. wt. 6 lbs. **Your Cost \$1.03**  
**YR17143—Triple Section.** 10 ft. Shpg. wt. 8 lbs. **Your Cost \$1.62**  
**YR17144—Quadruple Section.** 13 ft. Shpg. wt. 11 lbs. **Your Cost \$2.20**

## Lafayette Aerial Kits

Everything necessary for an efficient aerial installation. All items are of the very best quality. Ideal for the dealer furnishing a standard antenna kit with radio set sales. Shpg. wt. 4 lbs. Contains the following: 100 ft. 7-24 Copper Wire. 50 ft. No. 17 Rubber Covered Lead-in Wire, 25 ft. Rubber Covered Ground Wire, 1 Approved Arrester, 1 Copper Ground Clamp, 1 Lead-in Strip, 2 Porcelain Insulators, 2 Nail Knobs.  
**YQ16476—Your Cost . . . 73¢**



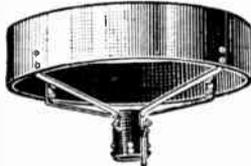
### Standard Aerial Kit

A low price kit containing all essentials for a dependable and efficient aerial system. A very good dealer item. Shpg. wt. 2 lbs. Contains: 90 ft. 7/25 Copper Wire, 25 ft. Lead-in, 25 Ft. Ground Wire, 2 Porcelain Insulators, 1 Copper Ground Clamp, 1 Lead-in Strip, 2 Nail Knobs.  
**YQ16477—List 90c Your Cost . . . 49¢**

### Economy Aerial Kit

Especially designed for Midget Sets. The lowest price kit on the market made up of first quality merchandise. Shpg. wt. 2 lbs. Contains: 90 ft. 7/27 Copper Wire, 25 ft. Rubber Covered Lead-in, 1 Lead-in Strip, 1 Ground Clamp, 2 Nail Knobs, 2 Porcelain Insulators.  
**YQ16478—List 75c Your Cost . . . 39¢**

## "AMERICAN" All Directional Antenna



Equal signal strength from all directions. This antenna is particularly suitable for all-wave receivers. It consists of a pure copper drum 14" in diameter and is equipped with a collar for mounting to a wood or metal pole. This antenna is especially suitable for use in apartment houses where space is limited. The only wire necessary being the lead-in which is quickly and easily attached. Shpg. wt. 6 lbs.

**YR17119—All Directional Aerial. List \$4.00 Your Cost Each . . . 95¢**  
**YR17118—8 ft. Metal Extension Mast for above aerial. Your Cost Each . . . 95¢**

## RCA Shielded Antenna System

For standard broadcast reception only. Designed to vastly improve reception, and to minimize electrical noise pick-up. Uses an antenna transformer to match the antenna impedance of the shielded transmission line, and a receiver coupling transformer to match the receiver input impedance. Because of the possible low impedance of the transmission line—very little or no noise pick-up is insured. Kit includes all coupling transformers, 100 ft. shielded transmission wire, lightning arrester, instructions, etc. Shpg. wt. 6 lbs.  
**YR17087—Complete Antenna Kit Your Cost . . . \$3.00**



## Long and Short Wave Aerial Systems



A completely assembled aerial system that can be installed in 3 minutes. Designed for present-day all-wave or dual-wave receivers, but will also improve reception on standard broadcast band sets. Available in 2 types—one uses 2-5 ft. cages with 25 ft. of doublet lead-in wire; the other uses same material, but with 50 ft. of wire.  
**YR17022—With 25 ft. lead-in wire. Shpg. wt. 4 lbs. \$1.46**  
**Your Cost . . . \$1.76**  
**YR17023—With 50 ft. lead-in wire. Shpg. wt. 8 lbs. \$1.76**  
**Your Cost . . . \$2.35**

### "DX" Aerials for T.R.F. Sets



Guaranteed greater volume and sharper tuning; non-directional. Fully assembled cages, ready to string up. Ideal for short roofs. 5 heavy zinc spacer rings. Length 20 ft. Contains 100 ft. enameled copper wire, 25 ft. rubber covered lead-in. Shpg. wt. 5 lbs. **\$1.35**  
**YR17122—Your Cost . . . \$1.85**  
No. 30—Produces great volume; ideal for all sets. 5 spacer rings; length 30 ft. Contains 150 ft. enameled copper wire and has 25 ft. rubber-covered lead-in. Shpg. wt. 6 lbs. **\$1.85**  
**YR17121—Your Cost . . . \$2.35**  
No. 60—An exceptionally powerful aerial. 8 spacer rings; length 50 ft. Contains 250 ft. wire, 25 ft. rubber-covered lead-in. Shpg. wt. 8 lbs. **\$2.35**  
**YR17120—Your Cost Each . . . \$2.35**

## Aero Aerial Wire

Many strands of very fine wire of high conductivity over which is laid a special covering of neutral buff color. An indoor aerial of unusual efficiency. This wire is used as standard equipment on many A.C.-D.C. receivers. 100 ft. spools. Shpg. wt. 8 oz.



**YR16167—Your Cost Each . . . 15¢**  
**Per Dozen . . . \$1.50**

## Ribbon Aerial

Consists of a gold colored metallized braid woven into a strip of fabric about 3/8" wide. A neat and efficient aerial for stringing above moulding or baseboard. Held in place by thumb tacks. 65 ft. to roll. Shpg. wt. 8 ozs.  
**YR16163—Your Cost . . . 27¢**

## Flexible A.C.-D.C. Set Wire

Consists of 20 strands of flexible copper wire covered by a mercerized cotton outer braid. Hard to kink and will resist wear. Ideal for compact or A.C.-D.C. sets for antenna use.  
**YQ16155—25 ft. on spool. Your Cost . . . 18¢**



## Galvanized Guy Wire

A special grade tough, non-stretching and annealed steel galvanized wire which is excellent for guying antenna masts. Will resist rust and last a long time. Available in 50 ft. rolls. Shpg. wt. 2 lbs.  
**YR16156—Your Cost . . . 15¢**



## ICA ANTENNATROL



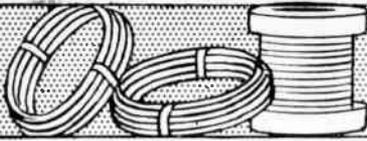
A device for connecting to any type of receiver to improve reception. Helps eliminate interfering stations, reduce noises from outdoor antenna and act as a substitute or indoor aerial. In general, it improves selectivity and sensitivity. Can be installed in a few minutes. Consumes no current. Shpg. wt. 2 lbs.  
**YL12678—With instructions. Your Cost . . . 59¢**

## Polarized Aerial and Ground Connector

A convenient device for connecting the aerial and ground wires from the set to the lead-ins. Consists of a male and female connector plug, with the metal tabs on the male polarized so that the plug cannot be incorrectly inserted. Eliminates loose wires.  
**YQ16157—Complete. Your Cost . . . 24¢**



**Mail Your Orders to NEW YORK, CHICAGO or ATLANTA**



# WIRE at

## CORNISH Wire SPOOL ASSORTMENT

**39c**  
per spool

**Lots of 6**  
\$2.25



Just the thing for the serviceman. These popular types of wire are put up on metal spools. Manufactured by the most reputable wire manufacturer in the business. Guaranteed to be of the finest quality, full length and exact gauge as specified. Don't fail to take advantage of these remarkably low prices.

Solid Push-Back (Braidite)			
Stock No.	Gauge	Color	Lgth. Ft.
YQ16184	#22	Red	100
YQ16185	#22	Black	100
YQ16186	#22	Green	100
YQ16187	#22	Yellow	100
YQ16188	#18	Red	50
YQ16189	#18	Black	50
YQ16190	#18	Green	50
YQ16191	#18	Yellow	50

Stranded Push-Back (Braidite)			
Stock No.	Gauge	Color	Lgth. Ft.
YQ16192	#20	Red	85
YQ16193	#20	Black	85
YQ16194	#20	Green	85
YQ16195	#20	Yellow	85
YQ16196	#18	Red	50
YQ16197	#18	Black	50
YQ16198	#18	Green	50
YQ16199	#18	Yellow	50

Colored Rubber Wire-Stranded			
Stock No.	Gauge	Wall Color	Lgth. Ft.
YQ16070	#18	1/4" Red	100
YQ16071	#18	1/4" Black	100
YQ16072	#18	1/4" Green	100
YQ16073	#18	1/4" Yellow	100
YQ16074	#16	1/4" Red	50
YQ16075	#16	1/4" Black	50
YQ16076	#16	1/4" Green	50
YQ16077	#16	1/4" White	50

Cor-Lac Push-Back Wire (Special Lacquered Inner Braid)			
Stock No.	Gauge	Color	Lgth. Ft.
YQ16052	#20 Solid	Red	100
YQ16053	#20 Solid	Black	100
YQ16054	#20 Solid	Green	100
YQ16055	#18*	Red	75
YQ16056	#18*	Black	75
YQ16057	#18*	Green	75

### Service Wire Kit



Contains practically every type of wire useful for Radio Service. Contents total approximately 200 feet in lengths varying from 4" to 24". Various wires are push-back R. C. hook-up shielded, twisted and parallel lamp cord, heavy A.C. leads, spaghetti, etc. Shpg. wt. 5 lbs.

**YR16299**  
Your Cost..... **25c**

### Litz Wire

Genuine Litz wire is difficult to obtain and we are therefore particularly pleased to be able to offer this extra fine quality Litz at such unusually low prices. For chokes—I. F. coils—R. F. coils—loop aerials—etc., no finer wire could be desired since its R. F. resistance is considerably lower than that of solid wire. Silk covered.

**YQ16152**—100 ft. coil **12c**

**YQ16153**—1000 ft. coil **\$1.05**



## Push Back WIRE

### Stranded Push Back Wire



For those who prefer stranded to solid, we offer this 19-gauge tinned copper hook-up wire. This type of wire is very flexible. Black, green or red. Specify color. Shpg. wt. for 100 ft., 2 lbs.

**YR16321**  
Your Cost, 50-ft. Coil..... **24c**  
Your Cost, 100-ft. Coil..... **39c**  
Your Cost, 500-ft. Spools... **\$1.88**  
Your Cost, 1000-ft. Spools... **3.38**

**Solid Push-Back Wire**  
This 19-gauge solid wire has the popular push-back insulation. No stripping necessary. Black, green or red. Specify color. Shpg. wt. 2 lbs.

**YR16320**  
Your Cost, 50-ft. Coil..... **22c**  
Your Cost, 100-ft. Coil..... **34c**  
Your Cost, 500-ft. Spool... **\$1.58**  
Your Cost, 1000-ft. Spool... **3.10**

### Best Grade Push-Back Wire Double Cotton Braid



Size 19 copper wire, tinned for easy soldering. Extra heavy insulation slips back easily. Colors: red or black.

**YQ16327**—25 Ft. 50 Ft. 100 Ft.  
Your Cost **17c 33c 65c**

**Stranded Push Back**  
Same high quality as above. Size 18. Stranded and tinned. Red or black.

**YQ16330**—25 Ft. 50 Ft. 100 Ft.  
Your Cost **17c 33c 65c**

### Hook-up Wire

Rubber insulated with heavy lacquered braid overall which prevents the wire from fraying as easily as ordinary wire. Put up in coils of 250 ft. Shpg. wt. 5 lbs.

**YR16345**— **73c**  
Your Cost.....  
4 Spools (Assorted Colors)... **\$2.75**

### Colored Rubber Wire



No. 18 stranded and tinned copper wire covered with colored rubber compound. Solders instantly. 25 ft. to coil. Colors: Black, red or green; state color wanted. Shpg. wt. per coil, 6 oz.

**YQ16275**—10 coils... **\$1.10**  
Your Cost, **12c**  
Per Coil 25 ft. ....

### Rubber Covered Wire



16-gauge stranded rubber covered hook-up wire. Especially made for filament wiring to carry a heavy current. Available in black, red, green and white. Specify color.

**YQ16280**—50 Ft. 100 Ft. 500 Ft.  
Your Cost **30c 55c \$2.65**

**"Kinkless" Rubber Wire**  
Extremely flexible—will not kink or knot. Heavy 3/16" abrasion proof rubber wall over (66 strands) of fine tinned copper wire. Particularly suited for constant and rough usage. Red or black, specify color.

**YQ16150** 25 ft. coil **35c**  
Your Cost.....  
**YQ16151**—100 ft. coil **\$1.30**  
Your Cost.....

### Heavy Duty Stranded Copper



40 strands No. 29; 14-gauge. Layer of heavy cotton under covering of live rubber. Tinned. Ideal for heavy duty filament in transmitting apparatus. Shpg. wt. 25 ft., 1 lb.

**YQ16121**  
Per Foot..... **2c**  
25 Ft. 50 Ft. 100 Ft.  
**35c 65c \$1.20**

### Extra Heavy Stranded Copper

65 strands No. 29. Tinned. 12-gauge, insulated with pliable rubber. Would make an ideal antenna for D. X. fans. Will handle 10 amps. at 2 1/2 volts. Shpg. wt. 25 ft. coil, 1 lb.

**YQ16122**—Per Foot..... **2c**  
25 Ft. 50 Ft. 100 Ft.  
**48c 90c \$1.75**

### Spaghetti

The best quality. High grade cambric tubing impregnated with transparent varnish of great insulating properties. Colors: red, yellow, green, or black. Specify color wanted. 30" lengths.

**YQ15960**  
Per Length..... **6c**  
12 Lengths..... **65c**  
Shpg. wt. 6 oz.....

### Bus Bar

Round, Tinned Copper, 2 ft. Lgths.

**SIZE 14**  
**YQ15965**—10 Lgths. 100 Lgths.  
Your Cost **12c \$1.05**

**SIZE 12**  
**YQ15966**—10 Lgths. 100 Lgths.  
Your Cost **26c \$2.05**  
Shpg. wt., lbs. 1 8

## Magnet WIRE



### Enamel

Stock No.	Size	Price of 1/4 Lb.	1/2 Lb.
YX20950	16	\$0.15	\$0.19
YX20951	18	.16	.20
YX20952	20	.17	.21
YX20953	22	.17	.24
YX20954	24	.19	.26
YX20955	26	.20	.28
YX20956	28	.21	.31
YX20957	30	.21	.34
YX20958	32	.26	.37
YX20959	34	.31	.45
YX20960	36	.38	.58
YX20961	38	.49	.73

### Double Silk

Stock No.	Size	Price of 1/4 Lb.	1/2 Lb.
YX20962	18	\$0.23	\$0.45
YX20963	20	.26	.47
YX20964	22	.29	.55
YX20965	24	.33	.62
YX20966	26	.39	.72
YX20967	28	.46	.81
YX20968	30	.53	.97
YX20969	32	.70	1.26
YX20970	34	.94	1.74
YX20971	36	1.29	2.15

### Double Cotton

Stock No.	Size	Price of 1/4 Lb.	1/2 Lb.
YX20973	16	\$0.18	\$0.24
YX20974	18	.20	.27
YX20975	20	.22	.31
YX20976	22	.24	.32
YX20977	24	.26	.37
YX20978	26	.31	.48
YX20979	28	.36	.61
YX20980	30	.42	.73
YX20981	32	.51	.90
YX20982	34	.63	1.14
YX20983	36	.81	1.44

Table Showing Feet Per Pound of Above Magnet Wire

Gauge	D.C.C.	Enam-eled	D.S.C.	Gauge	D.C.C.	Enam-eled	D.S.C.
16	122	125	125	28	1630	2030	1910
18	192	202	199	30	2420	3220	2960
20	298	319	314	32	3500	5100	4570
22	464	506	494	34	4920	8080	6980
24	711	804	778	36	6660	12800	10500
26	1080	1280	1220	38		20300	15500

# Unbeatable Prices



## SPECIAL Wire Offer



Prices listed are far below the market prices quoted for similar merchandise. This is because of our tremendous purchasing power which enables us to buy the factory surplus of some of the largest of the wire manufacturers. Every spool is one continuous length of wire.

### COTTON

**YY20875**—200 Ft. 18 $\frac{1}{4}$  Single conductor for Aerial, Ground and general use.

**YY20862**—150 Ft. 22 Twisted Pair. Conductor for drop cords, extensions, etc.

**YY20863**—100 Ft. 18 $\frac{1}{4}$  Parallel with cotton innerbraid. For lamp cords, extensions, etc.

### SILK

**YY20864**—150 Ft. 20 $\frac{1}{4}$  Parallel for installations, etc.

**YY20865**—200 Ft. 18 $\frac{1}{4}$  Single. For portable work, house wiring, etc.

**Your Cost** ..... **85¢**  
**Each Coil** .....  
 Assortment 6 Coils. **\$4.50**  
**Your Cost** .....

## Telephone Wire



Service men will find this wire of great use in general work, especially when hooking up the very popular inter-communication phones in private homes.

### 2-Conductor No. 19

**YY20895**—Shpg. wt. 2 lbs. 100 Ft. 100 Ft. 500 Ft. 1000 Ft.  
**Your Cost 95c \$4.20 \$7.50**

### 3-Conductor No. 19-1/32"

**YY20896**—Shpg. wt. 3 lbs. 100 Ft.  
**Your Cost \$1.50 \$5.70 \$9.90**

## Armored Cable



For auto, radio, outdoor; P. A. systems and oil burner installations. Armor when grounded acts as shield. Shpg. wt. per 100 ft. 8 lbs. Stock No. **1 Ft. 100 Ft.**  
**YQ20855**—1-Cond. 1c **\$0.95**  
**YQ20856**—2-Cond. 2c **1.95**  
**YQ20857**—3-Cond. 3c **2.80**

## Shielded Loom



Standard Loom with a tinned braided shield on the outside. For shielding and protecting wiring in autos, etc. Will pass heavy wire. Shpg. wt. 1 lb. 10 ft. Stock Diam. **Your Cost**

No.	In.	10 Ft.	50 Ft.
<b>YQ16146</b>	$\frac{3}{16}$ "	<b>45c</b>	<b>\$2.15</b>
<b>YQ16147</b>	$\frac{3}{8}$ "	<b>60c</b>	<b>2.80</b>
<b>YQ16148</b>	$\frac{1}{2}$ "	<b>85c</b>	<b>3.95</b>

## NOTE

We carry a tremendous stock of wire at all times and are prepared to make large quantity shipments at special prices. We can supply special wire to order.



## APPROVED Fixture and Appliance Wire

ALL APPROVED wire for resale purposes is marked with a special label every 5 feet. The wire listed here has these labels and is fresh stock of the finest quality. The use of UNAPPROVED wire may mean a delay in insurance settlement in case of fire. We therefore recommend that for your own protection you use only approved wire. This recommendation is made in keeping with WHOLESALER RADIO'S policy of telling the TRUTH about the merchandise it sells.

### Parallel Silk Cord



Insulated lamp cord. Consists of two conductors laid parallel and covered with braided silk. Has inner braid. The neatest cord for portable lamps, extension lights, etc., available in the following popular colors: White, Brown, Maroon, Old Gold, Black. Specify color when ordering. Shpg. wt. 3 lbs. to 100 ft.

**18 Gauge  $\frac{1}{4}$ " R.C.**  
**YY20923—Your Cost:**  
 Per Ft. 100 Ft. 500 Ft.  
**1c 95c \$4.75**

**18 Gauge  $\frac{1}{2}$ " R.C.**  
**YY20924—Your Cost:**  
 Per Ft. 100 Ft. 500 Ft.  
**2c \$1.25 \$5.95**

### All Rubber Parallel Lamp Cord



Developed to meet the demand for an abrasion and water-proof wire. The two conductors are sheathed in a coating of extremely tough live rubber. A ridge between these conductors allows them to be easily separated without fear of ruining the insulation. Available in Black, Green, Ivory and Brown. Specify color desired. Shpg. wt., per 100 ft., 3 lbs.

**18 Gauge**  
**YY20920—Your Cost:**  
 Per Ft. 100 Ft. 500 Ft.  
**1 $\frac{1}{2}$ c \$1.25 \$5.95**

### Parallel Cotton Cord



A popular number with the serviceman. For hooking up radios, extensions, etc., available in White, Brown, Maroon. Specify color when ordering. Shpg. wt. 3 lbs. to 100 ft.

**2 Conductor 18 Gauge  $\frac{1}{4}$ " R.C.**  
**YY20941—Your Cost:**  
 Per Ft. 100 Ft. 500 Ft.  
**1c 96c \$4.75**

**2 Conductor 18 Gauge  $\frac{1}{2}$ " R.C.**  
**YY20942—Your Cost:**  
 Per Ft. 100 Ft. 500 Ft.  
**2c \$1.25 \$5.95**

### Reinforced Cord



Used indoors for portable machines and drop cords, insulated with belt of seamless rubber and covered with smooth cotton braid. Size No. 18. (Black only.) Shpg. wt. 6 lbs. to 100 ft.

**Heavy Reinforced  $\frac{1}{2}$ " R.C.**  
**YY20943—Per Ft. 250 Ft.**  
**Your Cost 2c \$4.95**

**Light Reinforced  $\frac{1}{4}$ " R.C.**  
**YY20944—Per Ft. 250 Ft.**  
**Your Cost 1 $\frac{1}{2}$ c \$3.75**

## BIRNBACH Silk Lacquered Wire

Expressly made for use where moisture, oil, and heat are present. No. 18 gauge, with a  $\frac{1}{32}$ " wall of live rubber. Covered overall with a fine silk braid, then coated with 22 coats of clear insulating lacquer. Available in Red, Green, Black, Yellow and Blue. Specify color desired.  
**YY20847**—25 Ft. Roll. Shpg. wt. 1 lb. **Your Cost 23c**  
**YY20848**—50 Ft. Roll. Shpg. wt. 1 lb. **Your Cost 45c**  
**YY20849**—100 Ft. Roll. Shpg. wt. 2 lbs. **Your Cost 85c**

### Asbestos Heater Cord



Heavy asbestos covered wire. Rayon or cotton covered—specify which is desired. Shpg. wt. 3 lbs. 100 ft.

**YY20931—Your Cost:**  
 Per Ft. 100 Ft. 500 Ft.  
**2c 95c \$3.95**

### Auto Ignition Wire



Standard 7 mm black lacquered braided wire for use in automobile ignition and high tension work. Shpg. wt. 4 lbs.

**YY20852**—100 Ft. **\$1.45**  
**Your Cost** .....

9 mm wire specially designed for Neon sign use. Shpg. wt. 4 lbs.  
**YY20853**—100 Ft. **\$1.95**  
**Your Cost** .....

### Heavy Twisted Pair



Standard  $\frac{3}{4}$ " rubber, 14 gauge. Finest wire obtainable for jobs that call for a wire of large current carrying capacity and ability to stand plenty of abuse. Shpg. wt. 5 lbs. per 100 ft.

No. 14— $\frac{3}{4}$ "  
**YY20890**  
**Your Cost, Per Foot** ..... **2¢**  
**Per 100 Feet** ..... **\$1.95**

### Bell Wire

An excellent grade of bell or annunciator wire. 18 B. & S. gauge with waxed cotton covering. Shpg. wt. 1 lb.

**YQ16338**— $\frac{1}{2}$  lb. roll. **Your Cost** ..... **12¢**

**YQ16051**—25 ft. roll. **Your Cost** ..... **5¢**



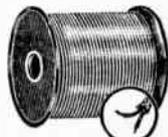
## SPECIAL VALUE! Cotton Twisted Pair



18 Gauge,  $\frac{1}{4}$ " R.C. wire with a glazed cotton covering. Two colors—white or yellow and green mixture. Specify which.

**YY20902—Your Cost:**  
 Per Ft. 100 Ft. 250 Ft.  
**1c \$0.95 \$1.60**

## Low Prices on All Parallel Cord



Most commonly used wire for connecting radio receivers, lamps, etc. Specify color desired.

**Silk 18 Gauge  $\frac{1}{4}$ " R.C.**  
 Colors:—Brown, Old Gold, Black. (Specify color desired.)

**YY20937—Your Cost:**  
 Per Ft. 100 Ft. 500 Ft.  
**1c \$0.90 \$3.95**

**Cotton 18 Gauge  $\frac{1}{4}$ " R.C.**  
 Color:—Black. **YY20935** Per Ft. 100 Ft.  
**Your Cost 1c 90c**

**Cotton 18 Gauge  $\frac{1}{2}$ " R.C.**  
 Colors:—Black, Yellow. (Specify). **YY20936** Per Ft. 100 Ft.  
**Your Cost: 1 $\frac{1}{2}$ c 95c**

## Heavy Duty Cord Type



The thick belt of flexible rubber that covers the conductor is made of smooth oil-resisting, abrasion-proof, high quality rubber. This flexible waterproof, oil-resisting, non-kinking cord is just the thing for hard service. Especially suitable for outdoor work, garages, portable devices; in fact, on any job where ability to stand abuse is a primary factor. Shpg. wt. 7 lbs. to 100 ft.

Stock No.	Size	Per Ft.	Per 100 Ft.
<b>YY20945</b>	18—2-wire	<b>3c</b>	<b>\$2.75</b>
<b>YY20946</b>	16—2-wire	<b>4c</b>	<b>3.75</b>
<b>YY20947</b>	14—2-wire	<b>6c</b>	<b>5.40</b>
<b>YY20948</b>	18—3-wire	<b>4c</b>	<b>3.75</b>

## Single Fixture Wire



**18 Gauge  $\frac{1}{2}$ " R.C.**  
 Silk Colors: Old Gold, Brass, Maroon, White with Red tracer, Black, Green.

Cotton Colors: Black, Tan, Brown, Brass, Green with tracer. (Specify color and covering desired.)

**YY20916—Your Cost:**  
 100 Ft. 500 Ft. 1000 Ft.  
**50c \$1.85 \$3.50**

**18 Gauge  $\frac{1}{4}$ " R.C.**  
 Cotton only in Black with Red tracer.  
**YY20915—Your Cost:**  
 100 Ft. 500 Ft. 1000 Ft.  
**50c \$1.85 \$3.50**

**16 Gauge  $\frac{1}{2}$ " R.C.**  
 Silk Color: Brown with Red tracer. Cotton Color: Brown with Red tracer. (Specify silk or cotton.)

**YY20917—Your Cost:**  
 100 Ft. 500 Ft. 1000 Ft.  
**95c \$3.95 \$7.00**

# BELDEN RADIO PRODUCTS

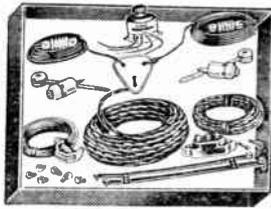


## BELDEN Hook-up Wire

No. 18 Stranded Tinned Copper, insulated with 1/4" Belden color-rubber.

25-ft. coils available in green, blue, red, brown, yellow or national. Specify color when ordering. Shpg. wt. 8 oz.  
**YQ16290—Your Cost . . . . . 18¢**  
 1000-ft. spools available in brown or red. Shpg. wt. 10 lbs. \$**4.20**  
**YQ16291—Your Cost**

## BELDEN Assembled All-Wave Antenna



This system has been specially developed for short-wave reception. Equally efficient on short-wave and broadcast bands! Contents: 2—33' coils of 7x24 Belden Aerial Wire. 1—75' coil of Twisted Pair Lead-in. 1—25' coil Twisted Pair Interior Lead-in Wire, Brown. 1—Triangular Crossover Junction Block. 1—All-Wave Receiver Variable Antenna Coupler. Also Double Lead-in Strips, Doublet Arresters, Insulators, etc., and instructions. \$**4.12**  
**YQ16279—Your Cost**



## Belden Aerial Wire

Finest grade copper, heavily enameled. The 1000 ft. length is wound on a steel spool. Shpg. wt. per 100 ft., 4 lbs.

**YQ16232—7x20 Belden Aerial**, Suited for short-wave aerial systems.  
 100 ft. **Your Cost . . . . . \$0.89**  
 1000 ft. **Your Cost . . . . . 8.70**  
**YQ16229—7x22 Belden Aerial**.  
 75 ft. **Your Cost . . . . . \$0.36**  
 100 ft. **Your Cost . . . . . .48**  
 150 ft. **Your Cost . . . . . .71**  
 1000 ft. **Your Cost . . . . . 4.65**

## Filament Lead Wire



No. 14 wire (41 strands of No. 30 wire). Stranded tinned copper. Double serve of Celanese colored braid paraffined. Furnished in red or black. Shpg. wt., 100-ft., 3 lbs.

**YR16158—25-ft. coil . . . . . 42¢**  
**Your Cost**  
**YR16159—500-ft. spool . . . . . \$6.50**  
**Your Cost**

## BELDEN Twisted Lead-in Wire



Consists of 2 tinned conductors, each with paper wrap and 1/2" wall of N. E. C. S. rubber compound. Over-all braid of black cotton, waxed. Shpg. wt. 100 ft., 4 lbs. **80¢**

**YR16172—80 ft. coil. Your Cost**

## BELDEN All-Rubber Lead-in Wire



Well known for its special rubber compound covering which strips quickly and easily. Shpg. wt. per 100 ft., 3 lbs.

**YQ16225—No. 14 Seven-Strand**. 50 ft. per Carton. **Your Cost \$0.49**. 250 ft. per Spool. **Your Cost 2.35**  
**YQ16226—No. 16 Seven-Strand**. 50 ft. per Carton **Your Cost \$0.32**. 250 ft. per Spool. **Your Cost 1.30**. 500 ft. per Spool. **Your Cost 2.37**  
**YQ16227—No. 18 Seven-Strand**. 500 ft. per Spool. **Your Cost \$1.95**

## BELDEN Indoor Aerial and Litz Wire



Specially covered wire, ideal for indoor aerials and for winding radio loops. Shpg. wt. per spool, 3 lbs.

**YQ16125—Brown Rayon** 100 ft. **Your Cost . . . . . 70¢**  
**YQ16126—Brown Cotton** 60 ft. **Your Cost . . . . . 30¢**  
**YQ16127—Brown Cotton** 1000 ft. **Your Cost . . . . . \$3.00**  
**YQ16128—100 ft. Litz Wire** 20-38 strand d Beldenam with two servings of green silk. **Your Cost, Per Spool . . . . . 45¢**

## Tinned Aerial Wire

An old standby. Very popular where good installations are wanted. 7x22. Shpg. wt. per 100 ft. 4 lbs.  
**YQ16228—100 ft. per coil. 42¢**  
**Your Cost . . . . .**  
 1000 ft. per spool. **Your Cost . . . . . \$4.12**

## Test Prod Lead Wire

Extra flexible No. 18 wire (41x34 tinned copper), 1/2" rubber wall. Specify brown or black.  
**YY20843—Per ft. 1¢**  
**Your Cost**  
**YQ16337—Per 100 ft. spool. 80¢**  
**Your Cost**

## BELDEN Arrester



A thoroughly reliable protector designed for either outdoor or indoor use. Bakelite case. Resistor type.  
**YR16750 List 25c. Your Cost . . . . . 14¢**

## BELDEN Push-Back Wire Solid



No. 20 solid tinned copper wire with push-back Celanese Insulation. No stripping necessary. In green, blue, red, yellow or black. Specify color.

**YQ16066—25-ft. coil . . . . . 20¢**  
**Your Cost**  
**YQ16067—1000-ft. spool . . . . . \$4.72**  
**Your Cost**

## Stranded Push-Back Wire

Similar to the above, but with No. 20 stranded wire. Same colors as above. Specify color desired when ordering.  
**YQ16068—25-ft. coil . . . . . 20¢**  
**Your Cost**  
**YQ16069—1000-ft. coil . . . . . \$5.10**  
**Your Cost**

## BELDEN Cellunamel Magnet Wire



Standard Beldenam wire with a covering of concentrically wound cellophane. Provides high insulation. Absolutely moisture proof.

**Your Cost**  

Stock No.	Gauge	1/4 lb.	1/2 lb.
<b>YQ16181</b>	18	\$0.26	\$0.48
<b>YQ16182</b>	20	.29	.53
<b>YQ16183</b>	22	.35	.58

## BELDEN Lead-in Strips



Tough Colorubber insulation over thin, flat strip. Clips riveted and soldered at both ends 12" long.  
**YR17099—Your Cost . . . . . 6¢**

## BELDEN "Airman" Auto Radio Wire



Especially designed for automobile and aeroplane installations. No. 12 (65 strands of No. 30 tinned). Cambrie wrapped with heavy tinned shielding. For all heavy duty work. Shpg. wt. per 100 ft., 4 lbs.

**YQ16223—10 ft. . . . . 50¢**  
**Your Cost**  
 100 ft. . . . . \$3.85

No. 14 (41 strands of No. 30 tinned). Similar to above. Shpg. wt. per 100 ft., 3 lbs.  
**YQ16218—10 ft. Your Cost . . . . . 44¢**  
 100 ft. . . . . \$3.20

No. 16 (26 strands of No. 30 tinned). Shpg. wt. per 100 ft., 3 lbs.  
**YQ16219—10 ft. Your Cost . . . . . 33¢**  
 100 ft. . . . . \$2.50

No. 18 (16 strands of No. 30 tinned). Shpg. wt. per 100 ft., 3 lbs.  
**YQ16224—10 ft. Your Cost . . . . . 30¢**  
 100 ft. . . . . \$2.20

# SHIELDED WIRE

## BELDEN Shielded Hook-up Wire

No. 18 hook-up wire with closely woven tinned copper shielding for use with screen grid tubes. Shpg. wt. 3 lbs. 100 ft. **\$1.08**  
**YQ16294—Your Cost**

## BELDEN Tinned Copper Shielding



The finest copper shielding available. Fine mesh closely woven; assures perfect shielding. Shpg. wt. per 100 ft., 4 lbs.

**YQ16214—Inside diam. 1 3/4". Per ft. Your Cost . . . . . 2 1/2¢**  
 Per 50 ft. . . . . \$1.08  
**YQ16215—Inside diam. 3/8". Per ft. Your Cost . . . . . 3¢**  
 Per 50 ft. . . . . \$1.13  
**YQ16216—Inside diam. 2 3/4". Per ft. Your Cost . . . . . 8¢**  
 Per 50 ft. . . . . \$3.63

## BELDEN Shielded Rubber Wire



Designed for greatest flexibility and durability, considering that a small diameter is desirable. The single conductor cable is of 13x36 tinned copper, one wrap and two braids of cotton, tinned copper braid or shield, overall rubber sheath. In the three conductor cable each conductor is 26x34 tinned copper, cotton wrap, rubber wall colored for coding, conductors cabled and covered with cotton wrap, tinned copper shield, cotton wrap over shield and overall rubber sheath. The seven conductor cable is of the same construction.

Stock No.	No. of Conductors	Your Cost Per ft.	100 ft.
<b>YY20844</b>	1	2 1/2¢	\$1.90
<b>YY20845</b>	3	5¢	4.25
<b>YY20846</b>	7	9¢	7.35

## BELDEN Shielded Lead-in and Ground Wire

Effective in reducing man-made static. Stranded core with a heavy braid of fine tinned copper wire. Easy strip rubber insulation. Average shpg. wt. 4 lbs. per 100 ft.

**Your Cost**  
 50 ft. 250 ft.  
**YQ16208—Size 14 \$ .98 \$4.90**  
**YQ16210—Size 16 .69 3.43**

## Shielded Ignition Wire



**7 Millimeter**  
 Ideal for use in auto radio installations. Consists of a standard 7 mm. lacquered braided wire covered by a tinned copper shield. Shpg. wt., 100 ft. spool, 4 lbs.  
**YQ16221—Per Foot . . . . . 9¢**  
**YQ16222—100 ft. spool. \$8.40**  
**Your Cost, Special**

# ELECTRICAL ACCESSORIES

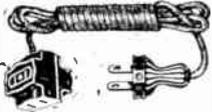
## Pin Type Extension Socket



Edison screw base receptacle and pin type connector. For use in any standard socket.  
**YM13225—**  
**Each..... 8¢**  
 25 for.....\$1.90

## CORD SETS

### Trio Tap Extension Cord



Extension cord with bakelite handle cap and trio tap.  
**YM13293—6 ft. 20¢**  
**Each**  
**YM13296—15 ft. 33¢**  
**Each**

### Trio Tap

Tap only, same as used on above cord.  
**YM13283—Each..... 6¢**  
 Carton of 25.....\$1.40

### Heater Cord Set



Bakelite Plug and Cap. 6 foot Rayon covered heater cord.  
**YM13325—**  
**Your Cost Each... 16¢**

### Armored Cord Set

Same as above but with armored heater plug.  
**YM13326—Each..... 20¢**

## Rotary Canopy Switch



Very compact, will fit into very shallow canopies. Rotary action with metal knob. Wire leads.  
**YM13342—**  
**Each..... 8¢**  
 Per 25.....\$1.90

## Pearl Push Button

Attractive push button for general use.  
**YM12830—**  
**Each..... 14¢**  
 Dozen.....\$1.58



## Insulated Staples



For holding inside lead-in and ground wires in place. Per 100  
**YP15950—**  
**Your Cost..... 10¢**  
 Per 1000.....98¢

## Midget Push Button



Bakelite. Only  
 1 1/16" dia.  
**YM13297—**  
**Your Cost Each..... 9¢**  
 Carton of 12.....\$1.00  
**YM13238—Brass 1 1/2" dia. 9¢**  
**Your Cost Each**  
 Carton of 12.....\$1.00  
**YM13237—Brass 2 1/2" dia. 9¢**  
**Your Cost Each**  
 Carton of 12.....\$1.00

## Bell Ringing Transformer



Primary 110 volts A.C. Secondary 6-8 volts. Wire leads on primary, posts on secondary.  
**YM13245—**  
**Each..... 39¢**

## Replacement ELEMENTS



### Fitsall Flatiron Element

Iron replacements. Will fit over 90% of the irons on the market, including G. E. Hot Point, Sunbeam, etc. Shpg. wt. 1 lb.

**YM13270—**  
**Your Cost Each..... 22¢**  
 Carton of 10.....\$2.10

### Nichrome Wire



#### For General Repairs

Three standard sizes furnished on one spool, to take care of all repair work. 10 ft. of coiled, 100 ft. uncoiled, 50 ft. ribbon. Shpg. wt. 3 lbs.  
**YM13226—**  
**Your Cost Each... \$2.20**

### Toaster Element

Can be adjusted to fit many types of toasters.  
**YM13320—**  
**Your Cost 65¢**  
 Carton of 10.....\$6.00



### Electric Heater Elements

Best grade Resistance wire with standard base to fit all heaters.

**YM13304—Cone Shape. 22¢**  
**Your Cost Each**  
 Carton of 10.....\$2.10  
**YM13305—Straight Type 27¢**  
**Your Cost Each**  
 Carton of 10.....\$2.50



### Nickel Chrome Element



600 watt spiral wound element. Exact size, no cutting necessary. Two diameters.  
**YM13317—**  
 3/4" dia.  
**Your Cost Each..... 7¢**

**YM13318—1/2" dia. 12¢**  
**Your Cost Each**

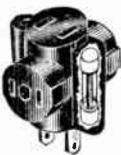
### Cigar Lighter Unit

Replaces burned out elements. Converts regular sockets into lighters.

**YM13286—**  
**Your Cost Each..... 9¢**  
 Carton of 10.....85¢



## Attachment PLUGS



**Fused Triple Outlet Plug**  
 Protects appliances, etc. Prevents main fuses from blowing. Shpg. wt. 1 lb.  
**YM13249—**  
**Cost Each..... 20¢**

### Fused Cord Plug

Attached directly to cord.  
**YM13229—**  
**Each..... 16¢**

### Trio Plug

Bakelite. Three outlets from 1 plug.  
**YM13282**  
**Your Cost 4 1/2¢**  
 Each  
 Per Dozen.....50¢



### Bakelite Cord Connector

Flat black connector with flat blades.  
**YM13276—**  
**Your Cost. 16¢**  
 Each  
 Carton of 10.....\$1.42

### Bakelite Plug

With handle prevents pulling out wires.  
**YM13281—**  
**Each..... 3¢**  
 Carton of 25.....68¢



### Bakelite Attachment Caps

Genuine Bakelite with sturdy prongs.  
**YM13306—**  
**Your Cost Each..... 2¢**  
 Per Dozen.....\$0.20  
 Per 100.....1.25

### Soft Rubber Handle Plug

Handle plug made of soft rubber. Cannot crack or break. Best type to use for portable tools, vacuum cleaners, etc.  
**YM13301—**  
**Your Cost Each..... 4¢**  
 Carton of 10.....35¢



### Armored Heater Plug

Cold moulded black composition. Heavy nickel-plated steel sleeve protects plug from breakage.  
**YM13291—**  
**Each..... 8¢**  
 Carton of 10.....70¢

### Switch Plug

Bakelite plug with built-in switch and Kool Pull spring. Especially made for flatirons.  
**YM13314—**  
**Cost Each..... 15¢**  
 Carton of 10.....\$1.40



## WIRING DEVICES

### Bakelite Baseboard Outlet

This handy device enables you to quickly install an outlet in any part of the house. Made of brown bakelite with center 8 oz. mounting wood screw. Shpg. wt.  
**YM13312—**  
**Your Cost Each..... 8¢**

### Bakelite Surface Switch

Bakelite cover will not tarnish and provides perfect insulation.  
**YM13315—**  
**Your Cost 14¢**  
 Carton of 10.....\$1.25

### Miniature Receptacle

Porcelain, miniature base.  
**YM13330—**  
**Cost Each..... 6¢**  
**YM13331—Candelabra base. 6¢**  
**Your Cost Each**

### Feed-Thru Switch

Bakelite. Very small size.  
**YM13275—**  
**Each..... 14¢**  
 Carton of 10.....\$1.20

### Outlet Box Receptacles

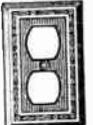
The wide awake serviceman will find many customers willing to pay for replacing their single with dual receptacles. Fit standard outlet box. Comes in two types single and dual. Underwriters approved type. Shpg. wt. 1 lb.  
**YM13328—Single 7¢**  
**Your Cost..... 7¢**  
**YM13329—Dual 7¢**  
**Your Cost..... 7¢**

### Fixture Connectors

Does away with soldering and blow torch. To connect wires for lighting fixtures, motor leads up to 4 H. P., etc. Only one screw. Packed 100 to box. Shpg. wt. 2 lbs.  
**YM13224—Box of 100.....\$2.75**  
**Your Cost Each..... 3¢**

### Receptacle Plate

Brown bakelite. For single and double toggle outlets. Will not warp or tarnish. Shpg. wt. 8 oz.  
**YM13333—Single 6¢**  
**YM13334—Dual 6¢**  
**Your Cost Each**



## Socket ATTACHMENTS

### Pull Chain Angle Socket

With pull chain. Bulb hangs straight. For shade.  
**YM13268—**  
**Cost Each. 22¢**  
 Carton of 10.....\$2.00



### Current Tap

Straight socket combined with two cap outlets.  
**YM13278—**  
**Your Cost Each... 9¢**  
 Carton of 10.....78¢

### Socket Extension

Makes it possible to use Twin Lite sockets and taps under shades.  
**YM13267**  
**Your Cost Each..... 6¢**  
 Carton of 25.....\$1.40



Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

### Nickel Plated Brass



### Wood Screws, Round, Flat and Oval Head

Stock No.	Size	Length	Doz.	Gr.
YP14780	4	3/8"	4c	40c
YP14781	5	3/8"	5c	50c
YP14782	5	3/8"	6c	60c
YP14783	5	1"	8c	

Round Head				
YP14790	4	3/8"	4c	40c
YP14791	4	3/8"	5c	50c
YP14792	5	3/8"	6c	60c
YP14793	5	1"	8c	

Oval Head				
YP14796	4	3/8"	4c	40c
YP14797	4	3/8"	5c	50c
YP14798	5	3/8"	6c	60c
YP14799	5	1"	8c	



### Nickled Brass Machine Screws

6-32 Round Head				
Stock No.	Length	Doz.	Gross	
YP14750	3/8"	3c	30c	
YP14751	3/8"	4c	38c	
YP14752	3/8"	5c	50c	
YP14753	1"	5c	50c	
YP14754	1 1/4"	6c	65c	

8-32 Round Head				
YP14755	3/8"	4c	40c	
YP14756	3/8"	5c	48c	

6-32 Flat Head Machine Screws				
YP14760	3/8"	3c	30c	
YP14761	3/8"	4c	38c	
YP14762	3/8"	5c	50c	
YP14763	1"	5c	50c	
YP14764	1 1/4"	6c	60c	

6-32 Oval Head Machine Screws				
YP14770	3/8"	3c	30c	
YP14771	3/8"	4c	38c	
YP14772	3/8"	5c	50c	
YP14773	1"	5c	50c	
YP14774	1 1/4"	6c	60c	

### Hex Nuts, Knurled Nuts, Washers



### Nickeled Brass

YP14804—6-32x1/4" Hex Nuts. Envelope of 20; Net...	5c
Per 100	20c
YP14805—8-32x1/4" Hex Nuts. Envelope of 20; Net...	5c
Per 100	20c
YP14806—6-32x3/8" Hex Nuts. Envelope of 15; Net...	5c
Per 100	25c
YP14807—8-32x3/8" Hex Nuts. Envelope of 15; Net...	5c
Per 100	25c
YP14808—6-32x3/8" Knurled Nuts—Envelope of 6; Net...	5c
Per 100	75c
YP14809—No. 6 Washers. Envelope of 25; Net...	5c
Per 100	20c
YP14810—No. 8 Washers. Envelope of 25; Net...	5c
Per 100	20c

### Self Tapping Screw

#### Assortment



Box of 40 assorted self tapping screws. These screws are used in many modern receivers. Require no nut.  
**YP14687—**  
**Your Cost..... 29c**



### Fancy Head Bronze Finish Screws For Mounting Speakers, etc.

Stock No.	Size	Length	Doz.	Gross
YP14680	6-32	1"	8c	95c
YP14681	6-32	1 1/2"	10c	1.00
YP14682	6-32	1 1/2"	10c	
YP14683	6-32	1 1/2"	10c	
YP14684	8-32	1"	10c	
YP14685	8-32	1 1/2"	14c	\$1.50

# Radio Hardware

### Upright Clip Mount

YH9812—	5c
Each	
Per Doz.	50c



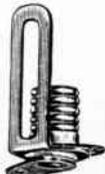
### Rubber Grommet Type

YF6476—	5c
Each	
Per Dozen	50c



### Adjustable Bracket Type

Slot in bracket for adjusting.	
YP15007—	5c
Your Cost	
Each	
Per Dozen	55c



### Insulating Washers



#### Extruded Washer, Fibre

Stock No.	O.D.	I.D.	Thick
YP15020	1"	3/4"	1/16"
YP15021	1 1/4"	1 1/8"	1/16"
YP15022	1 1/2"	1 1/4"	1/16"
YP15023	1 3/4"	1 1/2"	1/16"

Either type, package of 10.  
**Your Cost..... 12c**

#### Flat Washer, Bakelite

Stock No.	O.D.	I.D.	Thick
YP15030	1"	3/4"	1/16"
YP15031	1 1/4"	1 1/8"	1/16"
YP15032	1 1/2"	1 1/4"	1/16"

Either type, package of 10.  
**Your Cost..... 8c**

### Tinned Brass Lugs



All have No. 8 hole which will fit either No. 6 or 8 screws. Shpg. wt. 6 oz.  
**YP14812—**Style No. 1  
**YP14813—**Style No. 2  
**YP14814—**Style No. 3  
 Solderless.  
**YP14816—**Style No. 4  
 3/8" long  
**YP14818—**Style No. 5  
 1/2" long  
**Your Cost Per 100 Any Type..... 18c**

### Shakeproof Washers

YP14758—To pass No. 6 screw.	10c
YP14759—To pass No. 8 screw.	

Either Type  
 Envelope of 25  
**Net..... 10c**

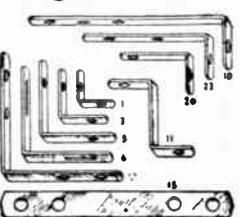
### Mounting Lugs

For anchoring shield can to chassis. Made of cadmium plated steel. Flat end with hole to fit 6-32 screw. Threaded end size 6-32. Threaded end size 6-32.	
<b>YP14955—</b>	5c
Your Cost per 10	
<b>38c</b>	

### Tapered Lugs

Will fit over all diameters of screws up to No. 10. Shank fits banana plugs. Width of lug 1/2", length 1 1/4". Bridge in barrel for easy soldering.	
<b>YM12954—</b>	12c
Per Dozen	
<b>50 for..... 40c</b>	

### Angle Brackets



Stock No.	No.	Size	Pair
YP14895	1	3/4x3/4	2c
YP14896	3	5/8x5/8	3c
YP14897	5	1x1"	4c
YP14898	6	1 1/4x1 1/4"	5c
YP14899	7	1 1/2x1 1/2"	7c
YP14900	10	2x2"	
YP14901	11	3/4" high	2c
YP14902	15	3" long	6c
YP14903	23	1 1/2x1 1/2"	6c
YP14904	24	1 1/2x3/4"	3c

### FAHNESTOCK Clips



Y 14823—Single 3/8".	10c
Your Cost Per Dozen	
YP14824—Single 1"	12c
Your Cost Per Dozen	
YP14825—Twin 1 1/2" long.	25c
Your Cost Per Dozen	
YP14826—Twin 1 3/4" long.	28c
Your Cost Per Dozen	



### Rubber Grommet Assortment

Kit "A" contains 12 assorted grommets in 4 sizes—3/8" to 1 1/2".  
**YP14794—**  
**Your Cost..... 9c**  
 Kit "B" contains 30 assorted grommets in 5 sizes—3/8" to 1 1/2".  
**YP14795—Your Cost..... 24c**

### New Miniature Tube Caps



Control-grid caps for use on the new miniature metal tubes.  
**YP14983—**Adapter to fit any regular control-grid clip for contacting new miniature tube caps.  
**Your Cost—Type A..... 8c**  
**YP14984—**Lustre nickel plated brass tube-cap clip for contacting miniature caps on metal tubes.  
**Your Cost—Type B..... 2c**  
**YP14985—**Above with wire ferrule for making neat soldered connection.—Type C  
**Your Cost Each..... 3c**

### NATIONAL S. G. Clip

Makes a positive grip on tube cap.	
<b>YN14434—</b>	3c
Each	

### Screen-Grid Clip

Manufacturers type Brass, tinned for easy soldering. Shpg. wt. 6 ozs.	
<b>YP14827—</b>	1c
Your Cost, Each	
Per Dozen	10c
Per Gross	\$1.00



### Complete Hardware for Shortwave and Radio Receivers

This assortment is composed of machine screws, wood screws, hex nuts, brass washers, fibre washers, rubber grommets, terminal lugs, screen grid caps, fibre pieces and fibre bushings. Approximately 225 pieces to the box. Shpg. wt. 1 lb.  
**YP14803—Your Cost..... 85c**  
**Each..... 85c**

**100-Piece Screw Assortment**  
 Contains 100 assorted round head machine screws, nuts and washers, size 6-32.  
**YP14847—Your Cost..... 25c**

### Angle Bracket Assortment

Contains 28 of the most popular angles and brackets used on the average radio set. Solid brass neatly nickel plated. A very handy assortment that no serviceman should be without. Shpg. wt. 1 lb.  
**YP14838—Your Cost Each..... 24c**

### Switch Points and Stops

**YP14784—**Points.  
**YP14785—**Stops.  
 Either Type  
**Per Doz..... 8c**

### Handy Hardware Assortment

**45c**  
**2 lb.**  
**Kit**

A big assortment for the serviceman, of assorted screws, nuts, washers, eyelets, lugs, brackets, etc. (3 3/4 pounds). Something of everything in the way of small parts used in radio receivers. Shpg. wt. 5 lbs.  
**YP14834—Your Cost..... 70c**  
 Same as above, but contains 2 lbs. of hardware. Shpg. wt. 3 lbs.  
**YP14844—**  
**Your Cost..... 45c**

### Fibre Washers

A handy assortment for the serviceman. Contains various sizes of both shouldered and plain fibre washers in cardboard box. 100 pieces. Shpg. wt. 8 oz.  
**YP14832—**  
**Your Cost Per Box..... 24c**

### Brass Spacers

Ideal for raising condensers, etc. Has No. 8 hole for Nos. 4, 6 and 8 screw.  
**YH9868—**1/4" high.  
**Your Cost, 10 for..... 12c**  
**YH9869—**1/2" high.  
**Your Cost, 10 for..... 15c**  
**YH9870—**3/4" high.  
**Your Cost, 10 for..... 17c**  
**YH9871—**1" high.  
**Your Cost, 10 for..... 20c**

# QUALITY SHOP EQUIPMENT



## RCA-VICTOR Cabinet Refinishing Kit



Contains all the necessary equipment for repairing scratched, dented, or otherwise marred furniture. All items packed in a durable leatherette case measuring  $9\frac{1}{2} \times 4\frac{1}{2} \times 2\frac{1}{4}$ ". Contains the following: 1 can Refco Oil for cleaning; 1 can of Valvoline for rubbing; 1 assortment of sandpaper; 1 assortment of stick shellac; 2 packages of Aniline Stain powders; 1 touch-up brush; 1 spatula; 1 rubbing block; 1 instruction sheet. Shpg. wt. 5 lbs.

**YP15238** — Your Cost... **\$2.90**

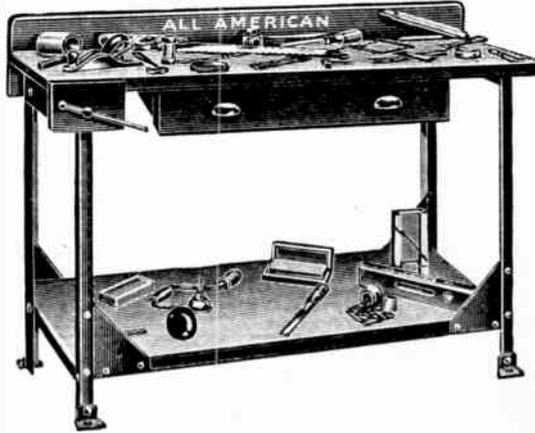
## Handy Scratch Remover

For removing mars and scratches from furniture. Will last indefinitely. In durable container.

**YP15520** — Your Cost Ea. **23¢**



## ALL-AMERICAN Work Bench



An ideal homeworking bench for adult or manually inclined boy. Construction is of sturdy angle steel with heavy solid wood table top, laminated tool shelf and steel drawer. Metal parts are attractively enameled in green. Wood sections are varnished. Height 31", length 48", width 18 $\frac{1}{2}$ ". Bench comes knocked down and is readily assembled. All parts complete in shipping carton. Also available with 32 high grade tools, including steel working vise, that are handy for both "home worker" or skilled mechanic and will permit doing a wide variety of work.

**YY21055** — Work Bench, complete with 32 assorted tools (as illustrated) and Steel Vise. Shpg. wt. complete, 70 lbs.

**YY21056** — Work Bench only. Shpg. wt. 50 lbs.

**YY21055** — Your Cost... **\$16.50**  
**YY21056** — Your Cost... **\$10.95**

## "AMERICAN JUNIOR" Drill Press

At last a real drill press at a price that you can afford to pay! Base table and headstock of solid cast iron. Column of hot rolled iron, 1 $\frac{1}{4}$ " diameter,  $\frac{1}{2}$ " spindle of cold rolled steel running in accurate bearings. All pulleys machined. Idler pulleys have belt tension adjustment. Chuck takes drills up to  $\frac{1}{2}$ ". Height overall 16 $\frac{1}{2}$ ". Shpg. wt. 10 lbs.



**YP15242** — Without chuck or swinging table. **\$2.25**  
**YP15243** — Swinging Table **30¢**  
**YP15244** — Drill Chuck **45¢**

## Screw Extractors

Used for removing broken screws, bolts, and studs. A hole is drilled in broken screw, size of drill is indicated on extractor, then by turning extractor to left screw is removed. 5 assorted sizes in kit. Shpg. wt. 2 lbs.



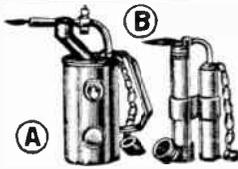
**YP15279** — Your Cost... **95¢**

## LENK Automatic Alcohol Torches

These alcohol torches are a big favorite with the radio man because of their neatness, efficiency and ease of operation. Made of brass, nickel plated, highly polished. Entirely automatic.

**Type A:** Double burner, one for needle point flame, add the attachment for heavy flame. Pressure release valve eliminates sputtering, evaporation and leaks. Cleaning pin in handle. Size  $7 \times 4 \frac{1}{2} \times 3$ ". Shpg. wt. 4 lbs.

**YP14866** — List \$5.00 **\$2.94**  
**YP14866** — Your Cost...



**Type C:** A very handy little torch for the tool box. Solid base makes it mechanically leak proof. Screw cap makes loading easy. Nozzle cap prevents evaporation. Copper heat conductor generates quickly. Size  $6 \frac{1}{2} \times 2 \frac{1}{2} \times 1 \frac{1}{2}$ ". Shpg. wt. 2 lbs.

**YP14868** — List \$1.50 **95¢**  
**YP14868** — Your Cost...

## LENK Blowtorch Gasoline Type

Heavy duty blow torch for service men (for melting pitch, etc.) and mechanics. Has flame control, shut-off valve, and many other features. Height 7 $\frac{1}{2}$ ", base dia. 3". Polished brass finish. Capacity  $\frac{1}{2}$  pint. Shpg. wt. 4 lbs.

**YP14855** — Your Cost... **\$1.03**

**YP14856** — Same, but for alcohol. **\$1.18**  
**YP14856** — Your Cost...



## TURNER Handitorch

A miniature automatic pressure torch with a standard type flame control and shut-off valve, having a needle point which automatically clears the gas orifice each time the valve is closed. Develops a hot blue flame.  $\frac{1}{2}$  pint cap, polished brass tank, bottom filler. Excellent for servicing radio power packs. For melting pitch, etc., and for handyman or work shop.



**RF3952** — Your Cost... **\$1.25**



## Riveting Punch Set

When used with anvil listed below will permit replacing broken rivets and making a factory type repair.  $\frac{1}{2}$ " dia. — 5 $\frac{1}{2}$ " long.

**YP15280** — Your Cost... **50¢**

## Off-Set Riveting Anvil

Permits riveting in places ordinarily inaccessible. Makes a complete unit to replace broken rivets when used with above punch.

**YP15281** — Your Cost... **70¢**

## GOODELL PRATT Small Screw Drivers

Two attractive and useful small screw drivers. Good for small screws, such as found in radio knobs, etc. One has a 1 $\frac{1}{2}$ " blade, and the other is 2 $\frac{1}{2}$ ". Both are in white nickel finish, have nickle ferrules, and hardwood handles.

**YP15282** — Your Cost... **9¢**

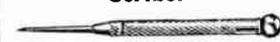
## GOODELL PRATT Automatic Drill



A very efficient tool for the home or mechanic. Drills are contained within cap of tool. Special cap lock ejects size drill desired. Four jawed chuck securely grips drill. Rotary motion is imparted to drill by pushing handle up and down. Bakelite handle. With 8 drills  $\frac{1}{16}$ " to  $\frac{1}{4}$ " dia. Shpg. wt. 2 lbs.

**YP15283** — Your Cost... **\$1.25**

## GOODELL PRATT Scriber



Body is made of fine knurled hollow steel tubing and fitted with chuck which holds the finely drawn and tempered point. Point can be removed and reversed so that tool may be carried in pocket.

**YP15284** — Your Cost... **23¢**

## Socket Hole Punches



Consists of 2 units, punch proper and anvil, for knocking out socket holes. Ideal for constructor or experimenter. Available in following sizes:  $\frac{1}{8}$ ",  $\frac{1}{4}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ " and 1 $\frac{1}{2}$ ". Specify sizes desired. Avge. shpg. wt. 1 lb. each punch.

**YP15288** — Your Cost Each... **\$1.70**  
**YP15289** — Set of 4 Punches. \$6.50

## Aluminum Pocket Level



Small and lightweight. Very handy for serviceman and mechanic. Has two indicators, for vertical and horizontal adjustments. Measures only 5 $\frac{1}{2}$ " long and 1 $\frac{1}{2}$ " high. Attractive and accurate.

**YP15285** — Your Cost... **33¢**

## Off-Set End Bicycle Wrench



Very handy for "hard-to-get-at" nuts and bolts. Adjustable opening to  $\frac{11}{16}$ " operated by knurled thumb nut. Handle and fixed jaw made of double thickness of .093 steel. Movable jaw .183 steel. Length 6". Bright cadmium finish. Makes an attractive and serviceable tool. Shpg. wt. 2 lbs.

**YP15286** — Your Cost... **15¢**

## Plain Bicycle Wrench



Ruggedly built and attractively finished in bright cadmium. Opens to  $\frac{3}{8}$ ". Overall length 5 $\frac{11}{16}$ ". Can be carried conveniently in pocket. Shpg. wt. 2 lbs.

**YP15287** — Your Cost... **12¢**

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

# TOOLS for the WORK BENCH

NO WORKSHOP COMPLETE WITHOUT THIS EQUIPMENT

## Shockless Screw Driver



A popular priced insulated handle Screw Driver for electrical, household and automotive work. Handle and Ferrule are moulded in one piece of Bakelite Composition. Blade is nickel plated and has straight side point. 6" long. Shpg. wt. 1 lb.

**YP15060—**  
Your Cost..... **12<sup>c</sup>**  
Per Dozen..... **\$1.20**

## Electrician's Screw Driver



Slender polished blade with forged point, hardened and tempered. Nickel plated ferrule; Electrician's style handle; length of blade 6". Shpg. wt. 1 lb.

**YP15059—Your Cost Each 12<sup>c</sup>**  
Per Dozen..... **\$1.25**

## Ratchet Screw Driver



Tool steel blade. Nickel plated ferrule, hardwood handle. Has 3 position ratchet adjustment that allows operation to right or left or holds blade rigid. Shpg. wt. 1 lb.

Stock No.	Blade Length	Your Cost
YP14969	3"	19c
YP14953	4"	21c
YP14970	5"	23c

## GOODSELL-PRATT Radio Screw Driver



Long slender blade especially suitable for radio work. Small end so as to fit set screws in radio knobs. Hammer forged blade. Hardwood handle. 3" blade. Shpg. wt. 8 ozs.

**YP14949—**  
Your Cost Each..... **25<sup>c</sup>**

## Insulated Screw Driver



Insulated shaft and handle.

**YP15225—4½"**  
Each..... **16<sup>c</sup>**

**YP15226—6½"**  
Each..... **24<sup>c</sup>**

**YP15227—8½"**  
Each..... **28<sup>c</sup>**

**YP15228—Set of 3**  
Your Cost..... **60<sup>c</sup>**

## Pocket Ratchet Screw Driver



A handy pocket size ratchet screw driver with clip. Insulated case in handle. 6" long. Shpg. wt. 1 lb.

**YP15233—**  
Your Cost..... **25<sup>c</sup>**

## Screw Drivers



Have fine steel blades set in insulated Amberloid handles. Non-inflammable. Handles finely knurled. Blades fit set screws, small wood, screws, etc. Three sizes available.

**YP15234—2" Blade.**  
Your Cost Each..... **7<sup>c</sup>**

**YP15235—3" Blade.**  
Your Cost Each..... **8<sup>c</sup>**

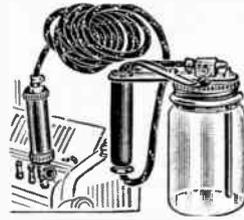
**YP15236—5" Blade.**  
Your Cost Each..... **9<sup>c</sup>**

Per Set of Three..... **21c**

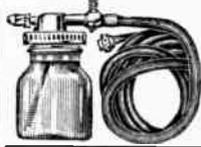
## Power Sprayer

Made to operate from the spark plug of any automobile. It will spray lacquer, paint, varnish, shellac, insecticide, in fact any other finely mixed freely flowing mixture or fluid. It furnished complete with sprayer, pint jar container, spark plug air check valve, compression tank, a set of adapters for all sizes of spark plugs, and 12 ft. air hose. Shpg. wt. 11 lbs. **YP14704—List 57.50**

Your Cost Complete..... **\$2.95**



## Handy Sprayer



Air pressure supplied by any automobile tube. Complete with glass jar, 6 ft. of hose, and adjustable spray tip. Will spray approximately four jars from one tire containing 35 lb. pressure. Shpg. wt. 5 lbs.

**YP14705—**  
Your Cost..... **69<sup>c</sup>**

## Bench Anvils

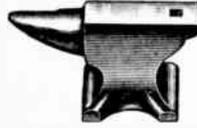
Face is milled perfectly flat for accurate work. Very handy around home or shop and will facilitate the accomplishing of fine accurate work. Available in two sizes.

**YP14696—**Shpg. wt. 6 lbs., face 3¼". **\$59**

Your Cost..... **\$89**

**YP14697—**Shpg. wt. 10 lbs., face 4½". **\$89**

Your Cost..... **\$89**



## High Speed Breast Drill



Excellent for radio service man, constructor or for the home workshop. Very sturdily constructed. Chuck holds up to ¼" drill. Three spring controlled, case-hardened steel jaws within chuck insure against bit slipping. Properly meshed two-speed gears and mahogany handle. Designed for heavy work and to minimize fatigue generally encountered in ordinary type drills. Entire drill finished in polished nickel and red and black enamel. Shpg. wt. 6 lbs. **\$1.98**

**YP14993—Your Cost**

## Wood Chisel Set



Beveled edges, honed ready to use. 3¼" blades. Leather tipped hickory handles. Set of three chisels. Sizes: ¼", ¾" and 1". Shpg. wt. 2 lbs.

**YP14982—Per Set of 3.**  
Your Cost..... **89<sup>c</sup>**

## Scratch Awls

These Awls have a hardened steel, needle pointed blade, passing through the entire length of the selected hardwood handle. Has nicked ferrule. Shpg. wt. 1 lb.

**YP15068—**  
Your Cost Each..... **15<sup>c</sup>**



## Screw "Grip" Screw Driver

The most practical Screw Driver ever developed. Has gripper which automatically stays at any point on shank. May be used as screw gripping screw driver to drive screws in difficult places as ordinary screw driver. Specially tempered blade, of tool steel, is of the slender type. Hard maple handle. Shpg. wt. 1 lb.

Stock No  
**YP14721**  
**YP14722**

Blade Length  
4x½"  
10x¾"

Your Cost  
35c  
43c



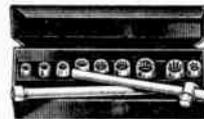
A 7" plane with a hardened and tempered steel blade 1½" wide. Adjustable cutter. A handy tool around the shop for finishing radio baseboards, cabinets, etc. An excellent value. Shpg. wt. 3 lbs.

**YP14730—List \$1.25**  
Your Cost..... **49<sup>c</sup>**

## Hinsdale Socket Set

Has a thousand uses for every service man. Fits all small sizes. Nine sockets, two eight point squares ½" and ¾", seven two point hex ¼", ½", ¾", 1", 1½", 2", 2½", 3". A six inch extension and slide tee handle makes numerous combinations. Packed in special handy container, made of metal. Shpg. wt. 1 lb.

**RF3765—Your Cost**  
**\$1.75**



## Cold Chisel and Punch Set



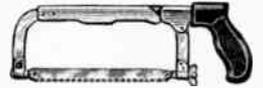
1½", 1¾" chisels, 3 punches. Shipping weight 2 lbs.

**YP15125**  
Your Cost..... **35<sup>c</sup>**

**YP15179—**¾" chisel only.  
Shipping weight 2 lbs.  
Each..... **10<sup>c</sup>**



## Hack Saw Frame



Pistol Grip made of moulded composition. A very strong frame that is adjustable to various size blades. Complete with 10" blade.

**YP14995—Your Cost..... 46<sup>c</sup>**

## Hack Saw Blades

High grade steel. Strictly first quality. Very flexible. Fast cutting and long lived. Fully guaranteed.

Stock No.	Size	Per Doz. Your Cost
YP14965	8"	39c
YP14966	10"	45c
YP14967	12"	54c

## Close-Cut Hack Saw

Fits where ordinary hack saws cannot be used. Frame contains a special design wave set, 10" blade. Shpg. wt. 2 lbs.

**YP15093—Your Cost..... 59<sup>c</sup>**

Extra Blades for above.

**YP15094—**  
Your Cost for Three..... **30<sup>c</sup>**

## "Tom Thumb" Hack Saw Frame



For sawing in "tight" corners. Complete with blade. Shpg. wt. 3 lbs.

**YP15136—**  
Your Cost..... **20<sup>c</sup>**

## Rubber Pistol Grip Hack Saw Frame



Pistol Grip handle made of rubber. Frame adjustable to various size blades. Complete with 8" blade. Shpg. wt. 2½ lbs.

**YP15137—Your Cost..... 49<sup>c</sup>**

## UNIVERSAL Hack Saw



Although adaptable for all general purposes—is especially good for work in tight places. Thin quick cutting blade and tension adjusting handle. Shpg. wt. 3 lbs.

**YP15186—Your Cost..... 25<sup>c</sup>**

**YP15187—Blades**  
Your Cost Each..... **5<sup>c</sup>**

## Coping Saw Frame



Easily adjusted to face blade any desired direction. With one blade. Shpg. wt. 3 lbs.

**YP15091—Your Cost..... 33<sup>c</sup>**

Steel Coping Saw Blades for above, and standard frames.

**YP15092—**  
Your Cost per Dozen..... **15<sup>c</sup>**

Steel wire coping saw with blade. Shpg. wt. 2 lbs.

**YP15113—Your Cost..... 9<sup>c</sup>**  
Extra blades. Shpg. wt. 2 lbs.

**YP15139—**  
Your Cost per Dozen..... **9<sup>c</sup>**

# QUALITY TOOLS

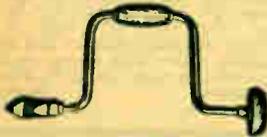
## Ratchet Brace and Bit Outfit



Steel brace fully nickel plated with wood knob and handle, finished in mahogany. Has 10" sweep, round knurled alligator jaw chuck with spring. Equipped with ring ratchet adjustment. Complete set of 6 Irwin auger bits in a heavy cardboard box. Fine quality steel bits in the following sizes: 1/8", 3/16", 1/4", 5/16", 3/8" and 1/2". Ratchet brace with above set of bits. Shpg. wt. 6 lbs.

**YP14735**  
Your Cost..... **\$2.19**  
Ratchet brace only.  
Shpg. wt. 4 lbs.  
**YP14736**  
Your Cost..... **\$1.25**

## Economy Brace



Made to withstand hard usage over a long period of time. Round knurled alligator chuck, with heavy spring. Wooden knob and handle, finished in mahogany. All steel parts fully polished. Has 10" sweep. Shpg. wt. 3 lbs.

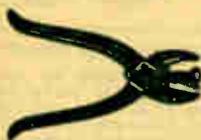
**YP14739**—List \$1.00  
Your Cost..... **45¢**

## Carbon Twist Drills

ASSORTMENT 9 Drills; sizes 1/8" to 3/8". Good steel; fast cutting. Correctly ground and will hold their edge. In wood box. Handy for the serviceman's tool kit. Shpg. wt. 2 lbs.

**YX14709**—List \$1.00  
Your Cost..... **35¢**  
Same assortment; paper wrapped.  
**YP14710**—Your Cost..... **32¢**

## Rivet-O-Punch



Punches holes fastens rivets, in leather, fibre, paper or canvas. Can be used to make solderless lugs, etc. Complete with box of brass eyelets. Shpg. wt. 1 lb.

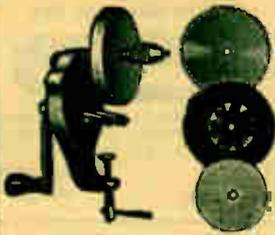
**YP15045**—List \$2.00  
Your Cost..... **59¢**

## GOODSELL-PRATT Right Angle Ratchet Screw Driver

Enclosed ratchet mechanism. Removable bit 1/2" wide, 1/2" long. Tool is 4" long. Shpg. wt. 1 lb.

**YP15232**—Your Cost..... **59¢**

## Combination Bench Outfit



A complete clamp-to-bench outfit with a 10 to 1 gear ratio consisting of a 4" grinding wheel, steel chuck for twist drills up to 1/2", 4" circular saw, 4" buffing wheel and wire brush. Vise handle bench clamp fits tables up to 1 1/2" thick. Adjustable guide. Two-inch spindle bearing with oil fitting. Body finished in red enamel. Shpg. wt. 8 lbs.

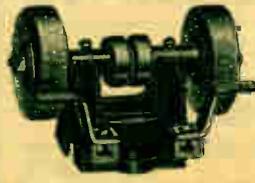
**YP14744**—List \$4.00  
Your Cost..... **\$2.15**

## Bench Grinder



List \$2.00  
Your Cost..... **95¢**

## Double Bench Grinder



Red enamel finished frame with 3 mounting holes. 1 1/2" bearings. Spring cover oil cups. 1/2" shaft, 8 1/2" long. 4" wheels, 1" wide. For round or flat belts. Shpg. wt. 10 lbs.

**YP14738**—List \$5.00  
Your Cost..... **\$2.69**

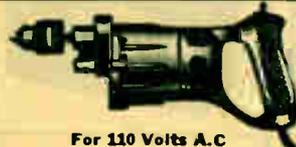
## Swivel Vise

Different swivel positions are easily obtained by the action of a spring plunger. Gray iron, fine grain. Jaws are accurately machined, polished and lacquered. Screw parts nickel-plated. Jaws open 2 1/2", and have double steel guide rods. Fitted with adjustable clamp. Base finished in Black Japan, and body with Red Baked Enamel. Width of jaws 2 1/2". Shpg. wt. 7 lbs.

**YP15135**—Your Cost..... **\$1.25**



## G. M. Co. Electric Hand Drill



A sturdy 1/2-in. hand drill with GENERAL ELECTRIC A.C.-D.C. MOTOR and BALL THRUST BEARING in spindle. Special anti-friction bearing on armature shaft. Genuine Almond 3-jaw geared chuck. Has toggle switch on top of pistol grip, easily operated with thumb. Complete with 9 feet of heavy rubber-covered cable and plug. This tool will stand the "gaff" of heavy use. Shpg. wt. 10 lbs.

**YP14726**—List \$25.00. Your Cost, Each..... **\$14.85**

## Motor-Driven Buffer and Grinder

Not a toy, but a real electric motor driven buffer and grinder for the workshop with a pulley on each end of motor shaft for driving other apparatus. High speed 1/50 h.p. motor, revolves 5000 R.P.M. On and off toggle switch on end of motor. Does work in a few minutes. Grinds, sharpens, polishes and drives other tools. Mounted on a strong cast base with four mounting holes. Complete with high grade grinding wheel, buffer and two pulleys. Equipped with durable cord and attachment plug. Shpg. wt. 9 lbs.

**YP14872**—List \$12.00. Your Cost..... **\$6.95**



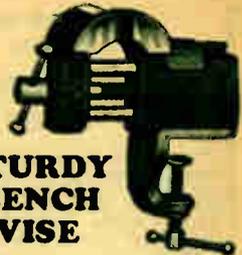
## 17 Piece Polishing Head Outfit



Set consists of a polishing head with 3 jaw chuck holding drills up to 1/2", 4" circular saw, saw table complete with guide, size 8x8", 5 ft. of round belt, buffing compound, 4" wire brush, 3" cotton buffer, 1/2"x4" grinding wheel and set of 9 twist drills, size 1/8" to 1/2". Has two speed pulleys.

**YP14746**—Shpg. wt. 8 lbs.  
Your Cost..... **\$3.25**  
Complete..... **\$3.25**

## STURDY BENCH VISE



Good steel, carefully machined. Finished in red enamel with highly polished jaws and handle. Accurately cut spindle thread. Will clamp to board or bench up to 2 ins. thick. Has anvil behind jaw. Made in two sizes.

**YP14727**—Jaws, 2 1/2" wide. Shipping weight 7 lbs.  
List \$2.00  
Your Cost..... **92¢**

**YP14728**—Jaws, 3 1/2" wide. Shpg. wt. 10 lbs.  
List \$3.00  
Your Cost..... **\$1.45**

## G. M. Co. Hand Drills

Finely machined hand drills with 1/2" hardened chuck jaws. Accurately meshed gears. Polished hollow handle for storing drills. A much needed tool on the radio work bench. Shpg. wt. 2 lbs.

**YP14723**—With side knob.  
List \$2.00  
Your Cost..... **79¢**

**YP14724**—Without side knob.  
List \$1.50  
Your Cost..... **69¢**

## Hand Drill



A quality tool that every serviceman or mechanic needs. Constructed of high grade materials that insure long, unflinching service. Geared high to drill quickly. Drill chuck takes drills from 1/8" to 1/4". Shpg. wt. 2 lbs.

**YP14747**—Your Cost..... **39¢**

## Motor Arbors

Arbors fit directly on to shaft of any small motor in place of pulley. Equipped with flange and locking nut to hold grinding wheels, saws, etc. Has 1/2" chuck, with three hardened jaws. Shpg. wt. 2 lbs.

Stock No.	Unit No.	Motor Bore	Your Cost
YP15095	495	1/2"	52¢
YP15096	490	3/8"	<b>68¢</b>
YP15097	490-A	1/2"	
YP15098	490-B	3/8"	

## G. M. Co. Geared Chuck



7 to 1 geared chuck to use drills up to 1/2" in your small electric drill. Gearing increases power. Drive rod fastens like drill into chuck. Shpg. wt. 4 lbs.

**YP14698**—Your Cost..... **\$4.25**

Replacement Part Headquarters for Dealers and Service Men



# TOOLS and HARDWARE for

## RADIO SOCKET WRENCHES

### All Steel Set



This set will stand the hardest usage. Five interchangeable sockets:  $\frac{1}{4}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ " and screw driver bit. Cadmium plated. Knurled handle. Sockets easy to remove, yet will not loosen while working. Shpg. wt. 1 lb. **43¢**  
**YP14749—Your Cost.**

### Goodell-Pratt



Set consists of handle with polished steel parts and mahogany finished grip, 3 hex. sockets, size  $\frac{3}{8}$ ",  $\frac{1}{2}$ " and  $\frac{1}{4}$ "; and a four jaw socket for handling knurled nuts. Metal parts of case hardened steel. Sockets slip on easily and are held firm by means of an improved catch. Shpg. wt. 1 lb. **74¢**  
**YP15049—Your Cost per Set.**

## INDESTRO Socket Wrench Set

Strongly made wrench set neatly finished in bright cadmium with black wood handle. Complete with five hexagon



sockets, one round nut socket and screw driver socket. Shpg. wt. 1 lb. **55¢**  
**YP15111—Your Cost**

## SPIN TYPE Socket Wrenches—Straight and Offset Types



Ribbed wooden handle and cadmium plated shank. Has deep hole in end of socket and will take a long screw up to No. 10. Two sizes in straight type 6" and 9". Shpg. wt. 1 lb.

### 6" Straight

- YP15203—For  $\frac{1}{4}$ " hex. nuts
- YP15051—For  $\frac{1}{4}$ " hex. nuts
- YP15052—For  $\frac{1}{4}$ " hex. nuts
- YP15053—For  $\frac{1}{4}$ " hex. nuts
- YP15054—For  $\frac{1}{4}$ " hex. nuts
- YP15204—For  $\frac{1}{4}$ " hex. nuts

Your Cost, Any Size **10¢**  
**YP15205—For set of 6 55¢**

### 9" Straight

- YP15209—For  $\frac{3}{8}$ " hex. nuts
- YP15107—For  $\frac{1}{2}$ " hex. nuts
- YP15109—For  $\frac{1}{2}$ " hex. nuts
- YP15106—For  $\frac{3}{4}$ " hex. nuts
- YP15110—For  $\frac{1}{2}$ " hex. nuts
- YP15210—For  $\frac{1}{2}$ " hex. nuts

Your Cost, Any Size **12¢**  
**YP15211—For set of 6 65¢**

### 6" Offset Type

- YP15206—For  $\frac{1}{4}$ " hex. nuts
- YP15207—For  $\frac{1}{4}$ " hex. nuts
- YP15208—For  $\frac{1}{4}$ " hex. nuts

Your Cost, Any Size **12¢**

## End Wrench Set



An extremely convenient picket wrench set for auto mechanics, radio servicemen, electricians, etc. Ideal for removing or adjusting nuts in small and out of the way places. Set consists of three double end wrenches, made of high grade material. Genuine leather case supplied. Easily carried in the pocket. Wrench ends for  $\frac{1}{4}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ ",  $\frac{1}{2}$ " and odd sizes. Shpg. wt. 8 ozs. **15¢**  
**YP15081—Your Cost.**

## Expansive Bits



A fine quality expansive bit made by C. E. Jennings & Co. Clark Pattern, complete with two cutters. Full polished. Highly finished. Shpg. wt. 1 lb. **95¢**  
**YP15116— $\frac{3}{8}$  to  $\frac{1}{4}$ "**  
**YP15117— $\frac{1}{8}$  to  $\frac{3}{8}$ "**  
**Your Cost \$1.05**

## Angle Wrenches



Adjustable angle wrenches of high quality drop forged steel. Rugged construction. Jaws will not break. Adjusting screw will not jam. Full polished cadmium plated. Shpg. wt. 2 lbs. **38¢**  
**YP15141—6" Your Cost.**  
**YP15142—8" Your Cost. 54¢**

## Tap Wrench



High quality carbon tool steel, oil tempered. The hardened, perfectly fitting jaws will take up to  $\frac{1}{4}$ " tap. Meet properly; open easily. Shpg. wt. 1 lb. **19¢**  
**YP14714—Your Cost.**

## Wire Stripper



Strips insulation from wire easily and cleanly. Saves time. Cutting edge of tempered steel that will retain its hardness. **9¢**  
**YP15044—Your Cost Each.**

## Socket Wrench Set



Made of cadmium plated steel. Contains one each of the following sockets:  $\frac{1}{4}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ ",  $\frac{1}{2}$ ",  $\frac{1}{4}$ ". **25¢**  
**YP15189—Your Cost.**

## Radio Reamer



The handiest tool for reaming holes in radio panels, wood, light metals, etc. Length of blade 4". Will ream holes from  $\frac{1}{8}$ " to  $\frac{3}{8}$ ". Shpg. wt. 8 oz. **17¢**  
**YP15065—Your Cost Each.**

## IRWIN Auger Bits



Made of high quality steel. Cut fast and clean without binding. Cardboard box. Double cutters, deep spur. Six bits to a set. Drill sizes:  $\frac{1}{8}$ ",  $\frac{3}{16}$ ",  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ". Shpg. wt. 3 lbs. **98¢**  
**YP14743—Your Cost.**

## Tru-test



## Wrench Set and Screw Driver

A combination screw driver and wrench set. Consists of a screw driver with a 3" straight and a 5" Ell shaped extension. A coupling and the following sockets— $\frac{1}{4}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ " and one internal knurled socket to fit any 12 pt. or round nut— $\frac{1}{8}$ " to  $\frac{3}{8}$ ". Shpg. wt. 4 lbs. **95¢**  
**YP15159—Your Cost.**

## Open End Wrench Set



Every mechanic or automobile owner needs a good set of wrenches that will stand a great deal of pressure and abuse without breaking or bending. Set of six drop forged, open end wrenches with the following openings:  $\frac{1}{4}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ ",  $\frac{1}{2}$ ". Bright cadmium plated. Red enameled holder with spring catch. An excellent value. Shpg. wt. 3 lbs. **75¢**  
**YP15143—Your Cost.**

## Utilco Steel Tool Boxes The "Utility"



Ideal for auto mechanics, radio servicemen. Will hold many everyday tools. Loose tray with movable partitions. Heavy steel, beautifully finished. Nickel-plated hardware. Split-proof lock. Size 14x6 $\frac{1}{2}$ x6". Shpg. wt. 6 lbs. **76¢**  
**YP14870—Your Cost.**

## The "Craftsman"

Cantilever tray pulls into position when box is opened. Contents easily accessible. Made of cold rolled steel with welded flush seams. Finished in hard baked, olive green enamel. Full grip handle. Has embossed rule on cover. Lock and key. Matched hardware. Size 14x6 $\frac{1}{2}$ x6". Shpg. wt. 7 lbs. **89¢**  
**YP14871—Your Cost Each.**



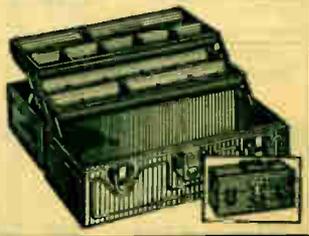
## The "Super Chest"



Special designed for rough, hard usage, and heavy tools. Made of 22 gauge cold rolled steel. Olive green color. Two keys to be used in two locks. The handle contains a steel core covered with leather. 19x7x7". Shpg. wt. 10 lbs. **\$2.59**  
**YP15152—Your Cost.**

## The "De Luxe"

TWO DOUBLE trays with cantilever action. Particularly suited for use as a tackle box or any outdoor use. Handy rule on cover. Full grip handle. Removable tray partitions. Is carefully waterproofed. Lock and catches very sturdy. Rugged construction. Size: 18 $\frac{1}{2}$ x6 $\frac{1}{2}$ x6 $\frac{1}{2}$ ". Shpg. wt. 4 lbs. **\$1.10**  
**YP15113—Your Cost.**



# EVERYTHING IN TRANSMITTING EQUIPMENT

# MECHANICS and SERVICEMEN



## Tap and Die Sets



A handy set for the mechanic or radio set builder. In wooden box containing three dies cutting  $\frac{1}{8}$ ,  $\frac{3}{16}$  and  $\frac{1}{4}$ " with plug and hand taps to match. Also contains tap wrench and die holder. Constructed of finely tempered steel; will stand up under severe strain. U.S.S. or S.A.E. thread. Shpg. wt. 3 lbs.  
**YP15225**—S.A.E. Thread;  
**YP15230**—U.S.S. Thread.  
**Your Cost, Either Type.....\$1.15**



## Tinner's Snips

Finest grade drop-forged shears. 10" long with polished blades and red enameled handles. Shpg. wt. 2 lbs.  
**YP15118**  
**Your Cost.....\$4<sup>9</sup>**

## Countersink



Have tempered steel blades set in grooved wood handles. For shaping holes in panels of wood, bakelite, fibre, etc. A handy tool for the serviceman.  
**YP14950**—Your Cost.....**15<sup>c</sup>**

## Platinum Point File



This is a special fine cut file designed for spark plugs or coils. Shpg. wt. 1 lb.  
**YP15073**—  
**Your Cost Each.....9<sup>c</sup>**

# 10¢ Don't wait -- order TODAY

## Compact Level



Guaranteed accurate. Non-freezing liquid. Nickel plated. Length 2 $\frac{1}{2}$ ". Shpg. wt. 8 oz.  
**YP14981**—Your Cost.....**10<sup>c</sup>**

## Caliper Rule



Measures inside and outside diameters up to 3 inches, calibrated in  $\frac{1}{8}$  and  $\frac{1}{16}$  part of an inch. Has knurled locknut. Shpg. wt. 8 oz.  
**YP14831**—  
**Your Cost.....10<sup>c</sup>**

## Metal File Handle



Japanned. Will fit all sizes of files. Will take any type of tool with a shank less than  $\frac{3}{8}$ ". Set screw holds tools rigid. Shpg. wt. 1 lb.  
**YP15042**—  
**Your Cost Each.....10<sup>c</sup>**

## Cold Chisel



**YP15179**— $\frac{1}{8}$ " chisel. Shpg. wt. 2 lbs.  
**Each.....10<sup>c</sup>**



## Center Punch



Made of exceptionally tough, swaged Carbon Steel. Heads and points are polished and the grip is knurled.  
**YP14999**—  
**Your Cost Each.....10<sup>c</sup>**

## Money Savers! 3 in 1 Screw Driver



Nesting type. Smallest nests in handle of next larger and the two together in the largest. Steel blades with brass handles.  $4\frac{1}{2}$ " long. Shpg. wt. 1 lb.  
**YP15226**—  
**Your Cost.....10<sup>c</sup>**

## Service Screw Driver



A low priced and very popular Screw Driver, with polished blade and attractively finished red handle fastened with bead lock. Blade of forged steel. Shpg. wt. 1 lb.  
**YP15456**—Blade 3"  
**YP15055**—Blade 5"  
**Price, Either Type.....10<sup>c</sup>**

## 6 Foot Folding Rule

Made of boxwood, yellow finish. Metal bound. Length 6 ft. Shpg. wt. 8 oz.  
**YP14978**—  
**Your Cost.....15<sup>c</sup>**

## Alligator Neutralizing Wrench Screw Driver



Wrench with  $\frac{3}{8}$ " opening. Securely fastened to extra strong high insulation rod size  $\frac{1}{4} \times 1\frac{1}{2}$ ". Hardened steel screw driver blade.  
**YP14921**—Your Cost.....**24<sup>c</sup>**

## Steel Letter and Figure Set



Marks metal, leather, wood, etc. Very handy for marking your tools. Complete alphabet and numerals 0 to 9. Shpg. wt. 7 lbs.  
**YP14977**—Your Cost.....**1.49**

## Radio Tool Set



Contains ten practical tools for radio servicing—3" screwdriver, 5" screwdriver, scriber, reamer countersink, pliers, center-punch, socket wrench set for hex and knurled nuts, and 3 wrenches for hex nuts. Shpg. wt. 2 lbs.  
**YP14968**—Your Cost.....**2.25**

## Thin Bent Nose Pliers



For hard-to-get-at places. Drop forged steel heavily nickel plated. Handle is knurled for steady gripping. Shpg. wt. 3 lbs.  
**YP15131**  
**Your Cost.....35<sup>c</sup>**

## Lineman's Pliers



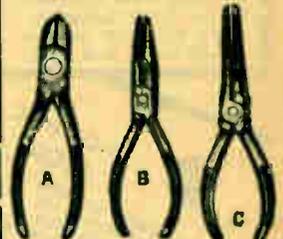
A sturdy heavy tool. Sharp cutters with strong handles.  $6\frac{1}{2}$ " long. Shpg. wt. 3 lbs.  
**YP15128**—Your Cost.....**39<sup>c</sup>**

## Nickel Thin Nose Pliers



A special nickel plier with long nose.  $6\frac{1}{2}$ " long. Shpg. wt. 3 lbs.  
**YP15129**  
**Your Cost.....33<sup>c</sup>**

## KRAEUTER PLIERS



You owe it to yourself to own at least two good pairs of pliers. Krauter pliers have been acknowledged for years as being the finest pliers made. The quality will be remembered long after the price has been forgotten. Shipping weight each, 1 lb.

**Diagonal Cutting**  
**A**—Cutting jaws of this plier come together perfectly. "They cut the insulation as well as the wire."  
 Length 5 $\frac{1}{2}$ ".  
**YP14944**  
**Your Cost.....\$1.20**

**Long Nose**  
**B**—A truly fine tool with a side cutting blade that is sharp, and will stay so. Gets into the places that are hard to get at.  
**YP14945**—6" long.  
**Your Cost.....\$1.05**

**Needle Nose Pliers**  
**C**—Furnished with an extra long finely tempered nose, for reaching into difficult places. Length, 6".  
**YP15076**—  
**Your Cost.....\$1.20**

## Diagonal Cutting Pliers



A very popular plier with all servicemen. Sharp cutters.  $5\frac{1}{2}$ " long. Shpg. wt. 3 lbs.  
**YP15127**  
**Your Cost.....35<sup>c</sup>**

## Nickel Radio Pliers



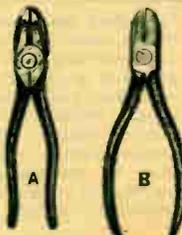
A handy all-around plier, neatly made. Shpg. wt. 3 lbs. 6" long.  
**YP15132**  
**Your Cost.....33<sup>c</sup>**

## Long Nose Pliers



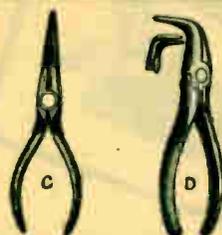
$5\frac{1}{2}$ " polished forged steel. Telephone type. Shpg. wt. 3 lbs.  
**YM15241**  
**Your Cost.....35<sup>c</sup>**

## KLEIN'S Pliers - the finest made



**A**—Side Cutting Plier. A sturdy lineman's plier. Has rounded nose for use in tight quarters. Sharp perfectly fitted cutting knives. Full clearance permits use on insulated wire. Shpg. wt. 3 lbs.  
**YP15222**—6" long.  
**Your Cost.....\$2.20**

**B**—Oblique Cutting Pliers with Wire Stripping Notch. Cutting pliers with the addition of a notch in the knives for use in stripping insulation. Lap joint. Narrow head. 6" long. Shpg. wt. 3 lbs.  
**YP15223**  
**Your Cost.....\$2.30**



**C**—Long Nose Side Cutting Plier. A real long nose plier that will stand the abuse. Hardened and tempered to insure positive grip at the tip. Sharp, carefully fitted cutting knives. Shpg. wt. 3 lbs.  
**YP15221**—6" long.  
**Your Cost.....\$2.05**

**D**—Long Curved Nose Plier. A handy plier for working in close quarters around radio chassis, etc. Jaws will not lose their shape. 6" long. Shpg. wt. 2 lbs.  
**YP15224**  
**Your Cost.....\$2.25**

Replacement Part Headquarters for Dealers and Service Men

# Electrical APPLIANCES

## NIGHT LIGHT

For use as trouble light or night light. Fits all outlets; operates on 110 volts, A.C. or D.C. Bakelite base and hood. Complete with Mazda bulb. Built-in switch. Shpg. wt. 1 lb.  
**YM13239—**  
 Your Cost..... **25c**



## SUPER STAR QUEEN IRON

New convenience with this **GUARANTEED 6 lb. iron.** Faster, easier ironing. Smooth beveled sole plate. Reaches under pleats and buttons. Mica element. Open front Ebonized handle; chrome plate finish. Complete with cord set. Shpg. wt. 7 lbs.  
**YV18167—**  
 Your Cost..... **\$1.75**

## DETECTO "ACE"

### Bathroom Scale

Created in the modern manner. The "Floating" rack brings the dial to a quick stop. Registers up to 300 pounds. Guaranteed for 5 years. Attractive white finish, with washable black mat covering platform. Shpg. wt. 10 lbs.  
**YS17745—**  
 Your Cost..... **\$2.95**



## POLORON

### Heating Pad

Helps in many ailments. Latest type with thermostatically controlled 3-heat element. Waffle-fleece covering. Cannot burn. In attractive pastel tinted check pattern. Packed in cellophane. Shpg. wt. 3 lbs.  
**YV18373—**  
 Your Cost..... **\$1.75**

## AUTOMATIC 6 LB. IRON



Has thermostat control, variable heat control. Chrome finish. Calrad element. With cord set. For 115-125 volts, A.C. only.  
**YV18374—**  
 Shpg. wt. 6 lbs.  
 Your Cost **\$2.95**

*The Coiffurette*  
 Assorted  
 Hair Colors

### HAIR DRYER

Dries your hair in a few minutes. Powerful fan directs a current of warm or cold air. Motor weighs only 30 ozs. Polished aluminum. Shpg. wt. 4 lbs.  
**YV18144—Your Cost..... \$4.25**

### BATHROOM SCALE

My-Wate Jr. Sturdy, long wearing scale. Up to 250 lbs. Large dial, unbreakable glass. Shielded from dust. Shpg. wt. 6 lbs.  
**YS17743—Your Cost..... \$1.95**

### A-C-MATIC IRON

Fully automatic; provides even temperature rate for all types of material. Has button-saving nooks, heel stand, thumb rest. Calrad element. Six lb. iron. Finished in chrome. For 115-125 volts A.C. Shpg. wt. 9 lbs.  
**YV18110—**  
 Your Cost **\$3.79**

### The New Air Cooled VACUUM CLEANER

Just what the meticulous woman needs and desires—a cleaner that gets all the dirt, and is simple to operate. Has new pistol grip handle, with built-in control switch. High powered suction is provided by the 7-bladed fan. No dirt escapes this household "marvel."

A powerful motor-driven brush dislodges deep lying dirt. It combs and freshens the rug pile. Has both front and rear wheels to facilitate operation. Air cooled motor eliminates the necessity for oiling. Adjustable nozzle. Shpg. wt. 30 lbs.  
**YS17782—**  
 Your Cost..... **\$22.45**

### TIDY CLEANER

Quick, thorough cleaning in "hard-to-get-at" places. Goes deep into upholstery, mattresses, chairs, etc. Built-in deodorizer rids rugs and furnishings of insects, and eliminates odors. Comes complete with extension rod. Guaranteed for one year. Shpg. wt. 9 lbs.  
**YS17780—Complete with blower and extension rod, less deodorizer set.**  
 Your Cost..... **\$11.75**  
**YS17781—Deodorizer Set.**  
 Your Cost..... **85c**

## OTHER ELECTRICAL APPLIANCES

Because of lack of space, we are unable to list our complete line of high-quality electrical refrigerators, which are available in sizes and prices to suit all homes and pocketbooks. Write to us for a circular describing this merchandise in detail.

We also carry an extensive line of vacuum cleaners, mixers, and numerous other household electrical appliances, in addition to the items illustrated on these pages. All at lowest wholesale prices, and backed by Wholesale Radio's established reputation.

# ELECTRICAL KITCHEN HELPS

## MIXERS

## TOASTERS

## PERCOLATORS



### VISI-VAC for Perfect Coffee



Full flavored, fragrant coffee—never less than perfect—assured by Visi-Vac. Brews 50% more coffee per pound. Patented strainer keeps brew free of grounds. Bowls of heat proof glass in ribbed design. Insulated black onyx handle. Shpg. wt. 7 lbs.

**YV18376—6 Cup.**  
Your Cost ..... **\$2.49**  
**YV18376—8 Cup.**  
Your Cost ..... **\$2.75**

### New GRILLETTE



Prepare your meal right at the table. Steaks, chops and even 3-decker sandwiches. Removable grease tray. Unit guaranteed for 1 year against burnouts. 10½"x5½" trays. Shpg. wt. 8 lbs.

**YV18126—Nickel Plated.** **\$1.49**  
Your Cost .....  
**YV18127—Chrome Plated.**  
Your Cost ..... **\$1.49**

### Aluminum Non-Drip PERCOLATOR

New, double-wall valveless pump percolator. Makes delicious coffee. 9 cup capacity. Non-drip spout. Etched polished chrome finish. With cord set. Shpg. wt. 7 lbs.

**YV18377—**  
Your Cost **\$3.25**



### TOASTMASTER AND HOSPITALITY TRAY



A luxurious gift—the sign of the "aristocrat." Tray with 2-slice Toastmaster. Needs no watching—Flexible—Clock automatically pops up the toast when finished. Tray includes cutting block, knife and dishes for spreads and relishes; new "server" base for tray.

**YV18117—Two-Slice Toastmaster and Hospitality Tray.** Shpg. wt. 12 lbs.

Your Cost ..... **\$15.95**  
**YV18108—Two-Slice Toastmaster only.** Shpg. wt. 7 lbs.  
Your Cost ..... **\$11.95**  
**YV18107—One-Slice Toastmaster only.** Shpg. wt. 7 lbs.  
Your Cost ..... **\$8.50**

### NEW GE HOTPOINT MIXER

The new streamlined G.E. Hotpoint mixer is a revelation for grace—beauty—ability.



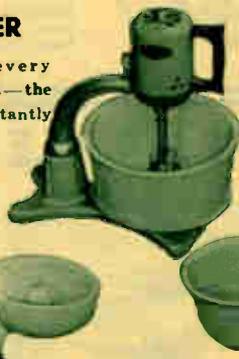
It mixes, beats, chops, whips and stirs foods. Has powerful 3-speed motor provided with tilt-back neck having pistol-grip handle. Bright silver bronze finish is acid and alkali resistant. Complete with juice extractor, double beater, two bowls and oil dripper.

**YV18342—Shpg. wt. 18 lbs. Your Cost..... \$15.95**

### DORMEYER MIXER

The pride of every housewife's heart—the DeLuxe Mixer. Instantly adaptable to a score of kitchen uses. Shpg. wt. 1 lb.

**YV18378—**  
Your Cost **\$11.75**



Extra powerful motor operates on A. C. or D. C. Fan cooled. Tilt-back arm. Mixes, beats, whips, mashes. Complete with beaters, bowls, dripper and juice extractor.

### HAMILTON BEACH Portable Electric Mixer

Famous portable mixer. Chrome beaters, opaque glass extractor bowl. Two ivory mixing bowls and sanitary juice extractor. With beverage agitator. Finished in ivory and black baked on enamel. Shpg. wt. 12 lbs.

**YV18279—Your Cost..... \$14.95**



### ELECTROMIX

A household necessity. A combination whipper and mixer in one unit. Eliminates the tiresome task of mixing and beating by hand. Detachable stainless beater cleans instantly. Plugs into any electric outlet. Shpg. wt. 8 lbs.

**YV18124—**  
Your Cost.... **\$1.15**



### SUNKIST Juice Extractor

Apartment size. Extracts juice from lemons, oranges, limes, etc. Tinted glass container, aluminum strainer, beetleware reaming bulb. Ivory and chrome-plate finish. Shpg. wt. 3 lbs.

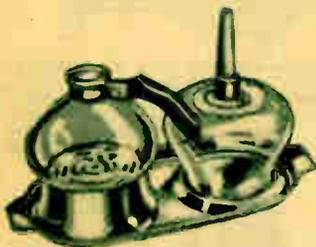
**YV18168—Your Cost..... \$4.95**



# Electrical KITCHEN & COOKING Aids

Famous names—standard brands—electrical kitchen utensils that are guaranteed. Modern housekeeping requires demand selected units. All quality products at lowest **WHOLE-SALE PRICES.**

## NATIONAL COFFEE - VAC



Makes coffee without that metallic taste. Temperature controlled brew brings out the rich, full flavor. Consists of 6-cup Coffee-Vac with stove and cord set and chrome plated tray. Shpg. wt. 7 lbs.  
**VV18337—**  
**Your Cost... \$3.95**  
**VV18338—10-Cup**  
**Your Cost.....\$4.95**  
**VV18289—6-Cup, with**  
**stove, less tray.**  
**Your Cost.....\$2.85**

## MARION WAFFLE IRON



Astonishing economy for this lovely, chrome plated waffle iron. Produces rich, golden-brown waffles of crunchy crispness. Quick and uniform heating unit. Insulated, wide-spread handles. Has cast aluminum grids; easy to clean. Hot and cold indicator eliminates "guess work." For 110 to 120 volts A.C. or D.C. Less cord set. Shpg. wt. 7 lbs.  
**VV18349—**  
**Your Cost.....\$2.25**

## HAMILTON BEACH Iceless Freezer



Makes old fashioned ice creams, sherbets, frozen ices, etc., in any mechanical refrigerator. This new motor driven freezer stirs the mixture as it freezes. Just place it in the ice cube compartment, plug-in, and a delicious dessert will result. Of cast aluminum, easy to clean. Wooden paddles. Capacity 1½ quarts. For 115-120 volts A.C. only (50-60 cycles). Complete with 7 feet of flat cord and unbreakable plug. Shpg. wt. 9 lbs.  
**VV18372—**  
**Your Cost.....\$7.50**

## UTAH ELECTRIC RANGE



A home sized stove that can be carried from place to place. Has two surface units—one 400 and one 500 watts. Oven size 10 x 10 x 15 ins. Total wattage 1650. Equipped with rack, baffle plate, broiler and pan. Has calibrated heat indicator on door. Three switches govern operation. Black crackle finish with polished chrome fittings. Approved by Underwriters. For A.C. only. Size 12 x 17 x 17 ins. Shpg. wt. 45 lbs.  
**VV18348—**  
**Your Cost.....\$19.75**

## MARION Hot Plates



This twin hot plate is equipped with two 6" heater units using the finest resistance wire, and controlled by toggle switches. Green body, polished black top. Complete with approved cord set. Shpg. wt. 9 lbs.  
**VV18370—**  
**Your Cost.....\$1.89**  
**VV18371—Same as above,**  
**with single burner.**  
**Your Cost.....95c**

## Modern "Flip-Flop" Toaster

Designed in the modern manner and finished in bright chrome plate. Black base, top and "non-burn" handles enhance the appearance. It toasts evenly and quickly. Cord concealed in base. For 110 volts. Cord set included. Shpg. wt. 5 lbs.  
**VV18040—**  
**Your Cost.....\$1.35**





# TOYS



## at WHOLESALE prices POPEYE the sailor



### MINIATURE TYPEWRITER

For the junior "business executive." Has both small and CAPITAL letters and uses a real ribbon. Heavy gauge steel with two-colored enamel finish. Nickel plated trimmings. Shpg. wt. 4 lbs. **\$1.95**

YS17598—Your Cost...

Popeye has eaten all his spinach, so he is strong enough to raise and lower the oars, sending the boat through the water. Runs about 3 minutes with each winding. Finished in bright and contrasting colors—the kiddies will "eat-it-up." It's sturdily constructed, too. Shpg. wt. 3 lbs. **\$1.85**

YS17608—Your Cost.....



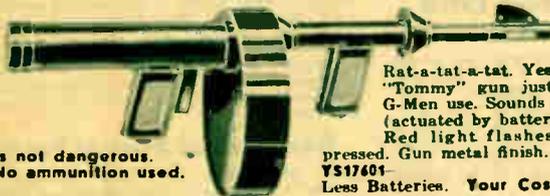
## ELECTRIC Streamlined TRAIN

A scale reproduction of the new streamlined New York Central "Commodore Vanderbilt." Train consists of engine, tender and two cars. 14 track sections make a 63" circle. Reversible 6-wheel drive motor with 40-watt transformer and variable speed control. Is 29 1/2" long. Shpg. wt. 10 lbs.

YS17604—Your Cost..... **\$9.45**



## G MAN'S "TOMMY" GUN



Is not dangerous. No ammunition used.

Rat-a-tat-a-tat. Yes—it's the new type "Tommy" gun just like Uncle Sam's G-Men use. Sounds like a machine gun (actuated by batteries). Sturdily built. Red light flashes when trigger is pressed. Gun metal finish. Shpg. wt. 3 lbs. **75c**

YS17601—Less Batteries. Your Cost.....  
Batteries ..... .13

## CIRCUS TRAIN

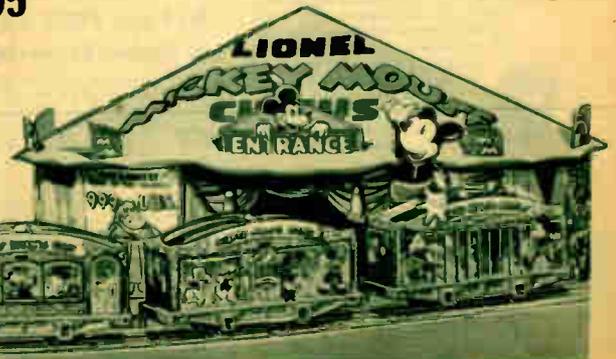
Barnum's "Three Ring Circus" portrayed on the sides of this streamlined circus train. Train consists of a streamlined locomotive, tender, and 3 circus cars with movable animals and finished off with a "caboose." Complete with a 110 volt, 60 cycle A.C. transformer with three step speed control. 8 curved and 4 straight tracks make a 120" oval. Will stand up under the excessive use it will undoubtedly get. Shpg. wt. 4 lbs. **\$4.95**

YS17602—Your Cost.....

## MICKEY MOUSE CIRCUS TRAIN OUTFIT

Mickey Mouse and his pals take to the sawdust and tanbark. Mickey himself "runs the show." Outfit includes heavy cardboard "Big-Top," steel locomotive and Band, Dining and Animal cars. 32" long. Shpg. wt. 2 lbs. **\$1.48**

YS17605—Heavy spring motor. Your Cost.....





J. E. Smith,  
President  
National Radio  
Institute

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dollars is being spent on two stations. Receiving sets are being designed and built. New opportunities—many of them are right ahead. My book tells you of the opportunities in these fields, also in Aviation Radio, Police Radio, Short Wave Radio, Automobile Radio and other new branches of this fast growing industry. Get it.

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Glenn C. King,  
46 Division Ave., S.,  
Grand Rapids, Mich.



### \$15 A Week in Spare Time

"My spare time earnings average \$15 a week. Since studying with you I have earned about \$7,000 to \$8,000 in Radio. I owe my success to the good method of the N. R. I."

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### Best Equipped Shop in Town

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309 Main St.,  
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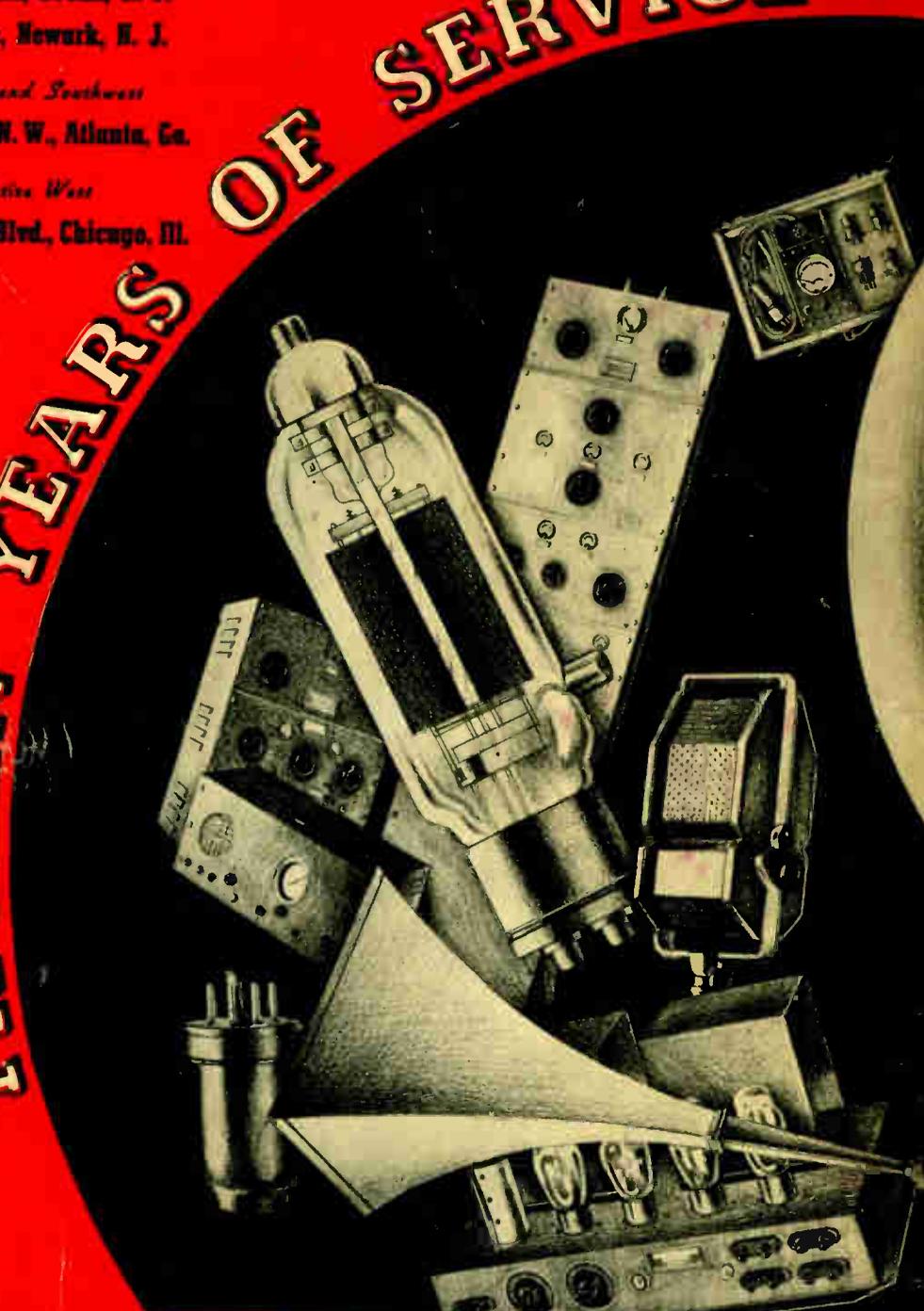
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