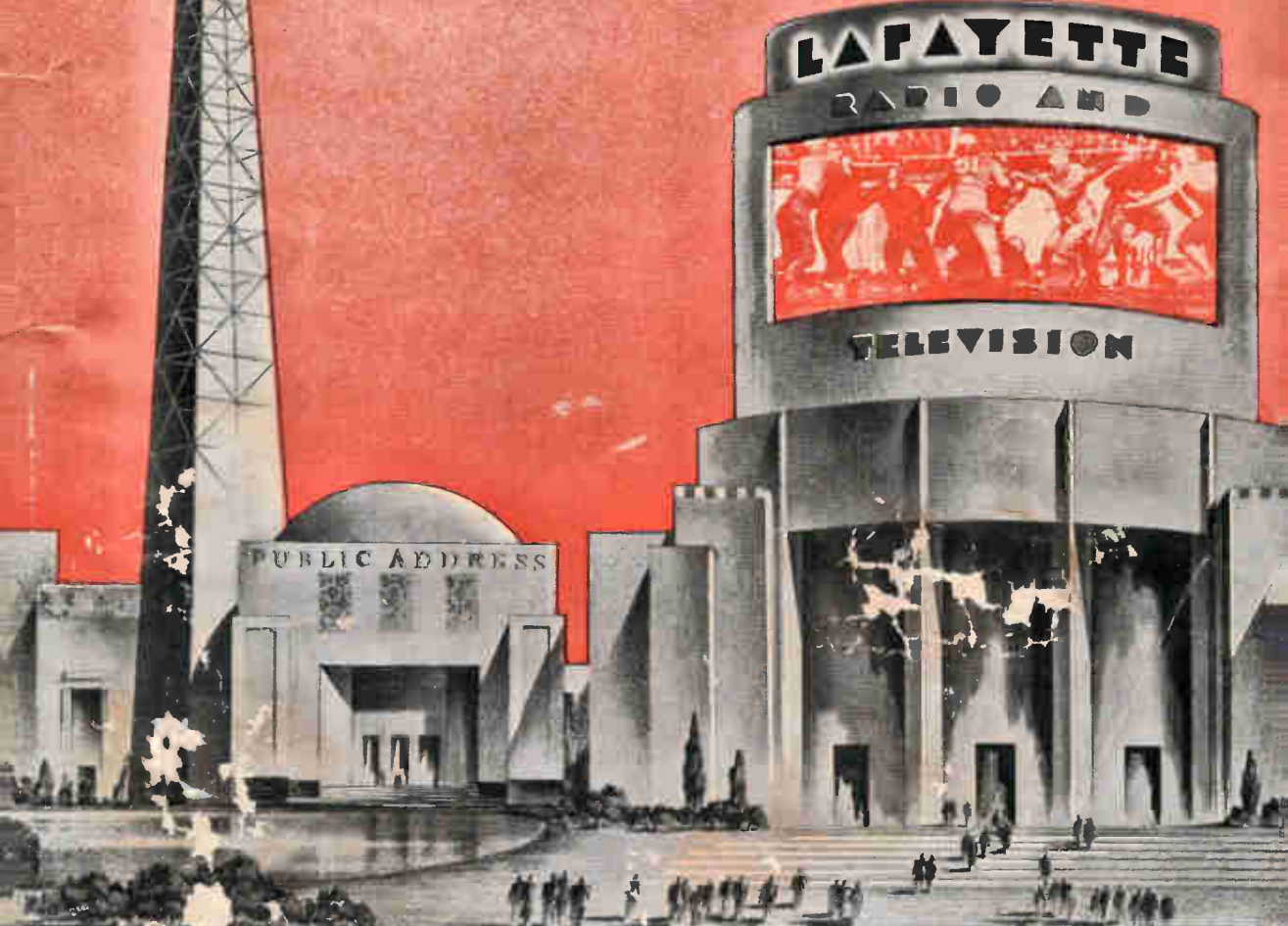


LAFAYETTE RADIO

1939

CATALOG NO. 73

INDEX ON PAGE 175



WHOLESALE RADIO SERVICE CO. INC.

NEW YORK, N.Y. • CHICAGO, ILL. • ATLANTA, GA.
100 SIXTH AVENUE 901 W. JACKSON BLVD. 265 PEACHTREE STREET

BOSTON, MASS. • BRONX, N.Y. • NEWARK, N.J. • JAMAICA, L.I.
110 FEDERAL STREET 542 E. BROADWAY BR. 210 CENTRAL AVENUE 80 08 - 166th STREET

LAFAYETTE RADIO

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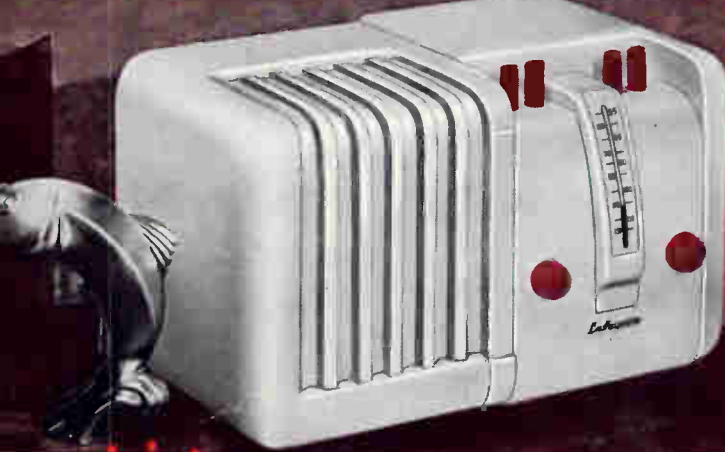
Jewel-like

**PLASTIC
TO BEAUTIFY**

so much entertainment



6 TUBE AC-DC SUPER



Lafayette has created more than one of the year's most beautiful-looking and beautiful-sounding radios in this matchless 6-tube AC-DC superhet, but Lafayette tops both these essential factors by offering it at a price that will truly amaze you. And, best of all, you can prove it to yourself for 30 days at our risk! Enjoy the convenience and luxury of perfect push-button tuning on your four favorite stations. Listen to the astoundingly big-set tone of its powerful electro-dynamic speaker. Revel in the sleek, gracefulness of its pleasing modern lines in beautiful molded plastic.

Beam-Power Output—Full Broadcast Coverage

Six of the latest multi-element, high-gain tubes are utilized, including the powerful 25L6C "beam-power" tube. Other tubes are: 6A7 converter, 6D6 i.f. amplifier, 75 detector, 1st audio and automatic volume control, 25Z5 rectifier and BM49B ballast. The entire broadcast band, including the popular high fidelity stations are covered by the extended tuning range, 540 to 1740 kc. (172 to 556 meters). A special self-contained aerial is incorporated to provide perfect reception at all points. Merely plug into any 110 volt outlet AC or DC and tune your favorite stations. Push-buttons are easily adjustable for all stations at will.

MODEL D58

Lafayette 6-tube, a.c.-d.c. superheterodyne in plastic Walnut cabinet, with tubes. For 110 v. d.c. or a.c. (50/60 cycles). Size: 11 $\frac{3}{4}$ "x6 $\frac{3}{4}$ "x6 $\frac{1}{2}$ ". Shpg. wt. 15 lbs. Code, WBCDE. List Price \$22.90.

YOUR COST.....**\$11.45**

MODEL D59

Same as above, in plastic Ivory cabinet. Code, WCDEF. List \$24.90.

YOUR COST.....**\$12.45**

For 220 v. adapter cord, add.....75c

\$11.45
IN WALNUT

30 DAYS
in your home
at our risk

**PUSH BUTTON
TUNING**

5 TUBE AC-DC



Here is a receiver that mirrors the essence of all that is modern in today's swift-moving world. Incorporating the foremost developments in radio engineering this Lafayette 5-tube a.c.-d.c. tuned radio frequency receiver, housed in gleaming plastic beauty, will delight you with its full-rounded, mellow tone and with the luxurious ease of its push-button tuning. Never before has any radio employing this type of automatic tuning been presented to the public at this unbelievably low cost. You'll enjoy radio more than ever when you can tune in your four favorite stations by the touch of your finger. Try it at our risk for 30 days and see for yourself.

Advanced Circuit Design—Dynamic Speaker

Through the years the famous t.r.f. circuit has won the plaudits of radio engineers. In the advanced circuit design utilized in this receiver it is more selective, more sensitive and more dependable than ever. Five multi-element, dual purpose tubes provide wonderful power and quality. Tube complement includes: 6D6 r.f. amplifier, 6F5G detector, 25L6G "beam-power" output, 25Z5 rectifier (and a 55A ballast tube. A full-field electro-dynamic speaker supplies rich, life-like tone for all programs.

Self-Contained Aerial

A built-in aerial permits operation of this receiver in any location. Simply plug into any 110 volt a.c. or d.c. outlet; no other connections necessary. Tuning range covers the entire broadcast band from 540 to 1750 kc. (172-556 meters).

MODEL D43

Lafayette 5-tube a.c.-d.c. t.r.f. receiver in plastic Walnut cabinet, with tubes. For 110 v. d.c. or a.c. (50/60 cycles). Size: 9 $\frac{1}{8}$ "x6 $\frac{3}{8}$ "x6". Shpg. wt. 13 lbs. Code, WDEFG. List Price \$18.50.

YOUR COST.....**\$9.25**

MODEL D44

Same as above, in plastic Ivory cabinet. Code, WEFGH. List \$20.50.

YOUR COST.....**\$10.25**

For 220 v. adapter cord, add.....75c
Brown suedette carrying case for either above, with zipper, add.....\$1.25

\$9.25
IN WALNUT

LAFAYETTES YOUR HOME

for so little money



5 TUBE AC-DC SUPER



HERE is a 5-tube a.c.-d.c. superheterodyne that will charm your eye and ear. Compact, beautifully proportioned in its modern plastic cabinet, it will prove a calibre of performance out of all relation to its size. And, as usual, Lafayette offers it at a fraction of the price you'd expect to pay for such a superb instrument. Our standard 30-day trial period permits you to convince yourself that you cannot surpass this amazing radio buy.

Beam-Power Output — Dynamic Speaker

Tone that is truly life-like in quality and volume is assured through the use of the modern "beam-power" output tube, 25L6G. Other tubes used are: 6J7 1st. detector-oscillator, 6J7 2nd. detector, 25Z6G rectifier and L55B ballast. Tuning range covers entire broadcast band from 550 to 1700 kc. (176 to 545 meters). A full-field electro-dynamic speaker supplies ample volume for the average home.

Self-Contained Aerial — Illuminated Dial

No aerial is required—merely plug into any 110-volt outlet. The self-contained aerial permits you to use the set anywhere in the house. The lighted cloissone type dial glows jewel-like in its attractive plastic setting.

Model B-49

Lafayette 5-tube a.c.-d.c. superheterodyne in plastic Walnut cabinet, with tubes. For 110 volts d.c. or a.c. (50/60 cycles). Size: 9 $\frac{5}{8}$ "x7 $\frac{1}{4}$ "x5 $\frac{3}{8}$ ". Shpg. wt. 10 lbs. Code, BDEFG. List Price \$17.90. **YOUR COST \$8.95**

Model B-50

Same as above, in plastic Ivory cabinet. Code, BEFGH. List \$19.90.

YOUR COST \$9.95

For 220 v. adapter cord, add.....75c
Brown suedette carrying case for either above, with zipper.....\$1.25

\$8.95
IN WALNUT

**PLAY ON ANY
CURRENT**

4 TUBE AC-DC



DAINTY as milady's jewel-box this Lafayette 4-tube a.c.-d.c. tuned radio frequency receiver is small enough to fit your hand yet it will provide more than adequate coverage of the entire broadcast band from 540 to 1740 kilocycles (172 to 556 meters). Encased in handsome plastic, with contrasting plastic dial. Self-contained aerial. Dynamic speaker. Tubes used are: 1-6K7GT, 1-6F5GT, 1-25L6GT "beam-power" output tube for distortionless output, and 25Z6G1 rectifier.

Model D-24

Lafayette 4-tube, a.c.-d.c. t.r.f. receiver in plastic Walnut cabinet. For 110 volts d.c.-a.c. (50/60 cycles). Size 7 $\frac{5}{8}$ "x4 $\frac{1}{2}$ ". Shpg. wt. 6 lbs. Code, WFGHI. List \$15.90. **YOUR COST \$7.95**

Model D-25

Same as above, but in plastic Ivory cabinet. Code WGHIJ. List price \$17.90. **YOUR COST \$8.95**

For 220 volt adapter cord, add.....75c

Brown suedette carrying case with zipper.....\$1.00

A special European long-wave model, identical with the sets described above, but having an ADDITIONAL tuning band covering 150 to 425 kc. (710 to 2000 meters) is also available as listed below.

MODEL D56—As above, Walnut case.

Code, WHIJK. List \$19.90. **YOUR COST \$9.95**

For 220 v. adapter cord, add.....75c

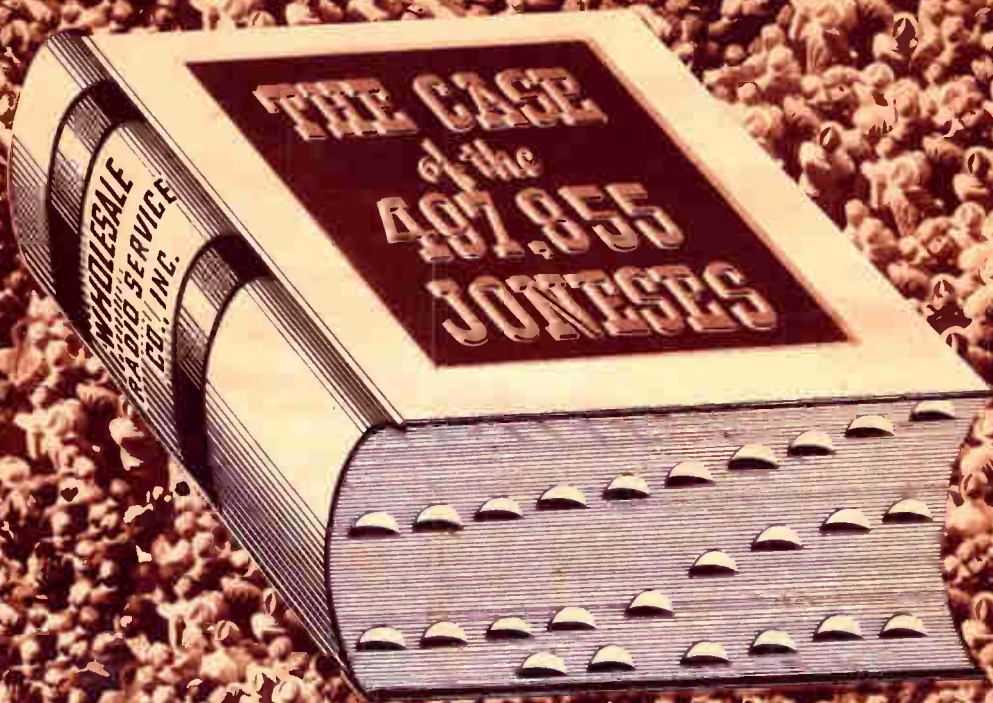
MODEL D57—As above, Ivory case.

Code, WIJKL. List \$21.90. **YOUR COST \$10.95**

For 220 v. adapter cord, add.....75c

Brown suedette carrying case for either model above, with zipper.\$1.00

**EUROPEAN
LONG WAVE
MODEL**



... and why they came back!

Señor Jones of Havana orders a "ham" transmitter and hopes he can get it in ten days. He has it in six and is delighted. M. Jones of Montreal is interested in a Lafayette receiver but isn't sure about Canadian reception. He gets one for a 30-day free trial and in three weeks orders two more — for his friends. Mr. Jones of Akron, Ohio is faced with a problem and writes for advice. We've framed his letter of thanks.

Making friends is a business with us. And business has been good. There are 497,855 "Joneses" in our master file as we sit here writing. Many of these friends have been with us since we started storekeeping—back in 1920. True, during all those years we've kept our prices low and the quality

of our merchandise high. True, such a policy will always attract business. But we like to think they come back year after year—these half million Joneses, mostly because of our ambition—to give customers good advice, serve them well, satisfy them and constantly improve our Service.

CHICAGO

BOSTON

JAMAICA, I.

NEW YORK

NEWARK

BRONX, N.Y.

ATLANTA



A COMPANY OF MEN

not so business-like that we've ceased to thrill to radio's magic; nor so busy that we haven't time to help you solve your special problems. Besides, making friends always struck us as being more important than making money.



SEVEN BRANCHES

you may come in and *have a good time*. Study first-hand the 50,000 items in our stock. Secure information and advice from our trained sales-staff. Select from the widest assortment of radio merchandise ever assembled.




YOU PAY LESS ...

Because we buy only from America's foremost manufacturers in such large lots, we pass the savings on to you. What is more, we will not be undersold! Show us any published price in any current catalog lower than our quoted price for a similar item, and we will match it!



IT TOOK EIGHTEEN YEARS

to build an institution such as this. *A few minutes* is all it takes to send us your order, and discover for yourself the wide interpretation we have given that word Service. It is trite, perhaps, but terribly true—497,853 "Joneses" *can't be wrong!*



DEPENDABLE 24 HOUR SERVICE

Our delivery system is new from the ground up. Bigger crews, faster deliveries, more efficient handling, 24-hour shipping. From our three strategically located warehouses orders go out often within a few hours after arrival. Our aim—to get merchandise to you lighting fast in perfect condition.



A FAMOUS GUARANTEE

We pledge ourselves to strict adherence to the standard warranty of the Radio Manufacturers Association.

Every article in this catalog is guaranteed to be exactly as described and illustrated. We will exchange or repair any merchandise returned to us that contains any mechanical or electrical imperfection.



A THIRTY-DAY FREE TRIAL

We honestly believe the '39 line of Lafayette Radios to be the finest money can buy. Order any Lafayette you choose—put it through its paces right in your own home. If, at the end of 30 days you are not completely satisfied, return the set. Midget or console, we will cheerfully refund every penny your Lafayette cost (*Transportation charges are excluded*).

A Lafayette HAS ALL THREE

**5 TUBE AC
PLASTIC MODEL**

- Hi-Efficiency Superheterodyne Circuit
- Tuning Range 174-552 Meters
- Large Embossed "Clock" Tuning Dial
- Durable and Handsome Plastic Cabinets, Available in Walnut or Ivory Shades
- Wave Trap Circuit to Reduce Code Interference



\$9.95

REFRESHINGLY new 1939 Compact Models in distinctive plastic cabinets that are a revelation in Beauty, Design, Performance and Tone Quality. A "midget" set in size only, as exemplified by its exclusive AC operation, 2 watts of superb audio power and finely designed superheterodyne circuit with "large-chassis" features. Durable as well as sensation-ally low-priced, it offers outstanding value to those who desire a small but efficient receiver. Some of its outstanding features are: 5 Modern Tubes a few of which are dual-purpose hi-efficiency tubes and hence result in performance equivalent to many 7-tube sets; Automatic Volume Control Circuit to prevent blasting and overloading and minimize fading; Wave Trap to reduce code interference; Excellent Selectivity and Sensitivity; Beautiful, Illuminated Embossed Large Clock Dial; Fully-Efficient 5" Dynamic Speaker which gives unusually wide-range reproduction for a small receiver; Police-Calls at lower end of tuning dial; Factory-Attached Antenna, no outside aerial installation necessary; Full-Sized Power Transformer, to supply reliable high-voltage so that optimum efficiency may be obtained from tubes; 2-Watts Audio Output, which is considerably higher than that obtained from the average small set; Tuning Range—174 to 552 meters. Tubes used, and their circuit application, are: 1-6A7 as oscillator-first detector; 1-6D6 as I. F. amplifier; 1-6Q7G as diode (second) detector, A.V.C. and first audio stage; 1-41 power output stage; 1-80 rectifier. Available in Choice of Color. This beautiful plastic receiver is available in two shades, Ivory or Walnut. Regardless of interior furnishings, either shade will blend harmoniously as a result of the cabinet's design. Dimensions are: 10 3/8" x 7" x 6 1/4".

MODEL C-39 (Walnut)

Lafayette 5-Tube AC Superhet Receiver, in Plastic Cabinet, as described. With Tubes. For 110 volts 60 cycle AC operation. Shpg. wt. 14 lbs. Code GDEF0. List \$19.90.

\$9.95

MODEL C-41 (Ivory)

Same as above, but in Ivory Plastic Cabinet. Code GEFGH. List \$23.50.

\$11.75

For 220 Volt 50/60 Cycle Operation, Add.....\$1.50

**30 DAYS
in your home
at our risk**

RCA AND
HAZELTINE
LICENSED

**6 TUBE AC-DC
SUPERHET**

**PERFECT
AUXILIARY RADIOS**



EVERY refinement available was employed to make this little 6-Tube Superheterodyne receiver better than the average compact. Versatility in operation—operates from and equally as well on AC or DC, Beautiful Cabinet, Fine Beam Power Reproduction, Full-Vision Scale and the many others listed below all add up to VALUE, PLUS. Only Lafayette could offer you so fine a set at so low a price!

Hi-Efficiency Superhet Circuit

You get the finest possible sensitivity and selectivity, because of its modern superheterodyne circuit and modern tubes which are employed. Some of the tubes are of the dual-purpose type, and consequently add materially to the efficiency of the set. An Automatic Volume Control Circuit is utilized to prevent blasting and overloading and reduce fading. A Beam Power Output Tube results in a much higher output than that obtained from the average compact set, and assures fine, crystal-clear reproduction. Tubes used are: 1-6A7, 1-6D6, 1-6Q7G, 1-25L6G, 1-25Z5 and 1-BM49B Ballast Tube.

Police and Broadcast in One Band

The tuning range of this set is extended below the broadcast band, so that Police Calls are included within the one band. Tuning range is 182 to 556 meters, which allows reception of all domestic broadcast stations as well as the experimental hi-fidelity stations operating slightly below 200 meters, plus many police calls. No outside aerial installation is necessary with this receiver, due to built-in factory attached antenna which is included.

Full Vision Dial—Beautiful, Cabinet

The cabinet is unusually attractive for a compact, with graceful lines and highly polished finish. Constructed of fine American Walnut, with sleek lines at each side and curved top finished in two contrasting tones, it presents a rich handsome appearance. This is further set off by the large illuminated Full-Vision Tuning Dial, which is calibrated in both meters and kilocycles to simplify tuning. Cabinet dimensions are: 12 3/4" long, 8 3/8" high and 6 3/4" deep.

MODEL JA-7

Lafayette 6-Tube Superheterodyne Compact Receiver, as described. Complete with tubes. For 110-120 volts A.C. (50/60 cycles) and D.C. operation. Shpg. wt. 13 lbs. Code ABCDT.

\$10.95

List \$21.90.
YOUR COST.....
For 220 volts Adapter Cord, Add.....75c

PLUG IN ANYWHERE



\$10.95

dependability power low cost

**5 TUBE 2 BAND
AC SUPERHET**

- Tunes From 13 to 51.2, and 174 to 550 Meters
- New Slide-Rule Tuning Dial
- Superhet Circuit, With AVC and Wave-Trap for Code
- 6 Electro-Dynamic Speaker
- Attractively Modern Cabinet



\$14.95

A STRIKINGLY new, yet pleasingly modern receiver, is this New 1939 Lafayette 5-Tube 2-Band Compact Superhet. Incorporates everything desirable in a radio receiver; Tone, Reception, Power, Output, and Appearance. You'll be intrigued by this set's class and performance, but your big surprise will come when you learn its amazingly low price!

2-Tuning Bands—Tunes Downs to 13 Meters
You get fine selectivity and sensitivity with this fine little set, because of its highly developed superheterodyne circuit. 5-modern tubes are employed, some dual-purpose types so that approximately 8-tube efficiency is obtained. A rugged oversize power transformer assures optimum efficiency from the tubes, as well as crystal-clear audio power to its 6" hi-efficiency electro-dynamic speaker. Two-tuning bands are provided to give a wide variety of reception. One band covers 174 to 550 meters, which includes all domestic broadcast stations, experimental hi-fidelity stations and police calls. The second band covers 13 to 51.2 meters; which embraces all foreign shortwave broadcasting, and many aircraft and amateur transmissions.

Automatic Volume Control—Wave Trap For Code
Further outstanding features are: An Automatic Volume Control Circuit to prevent overloading and blasting, and to reduce fading; Smooth Volume Control; Wave-Trap to reduce code interference.

The following tubes are employed: 1-6K8G as oscillator—first detector; 1-6D6 I.F. amplifier; 1-6Q7G diode (second) detector, AVC and first audio, 1-4Z2 Power Output stage, and 1-80 rectifier.

De-Luxe Modern Cabinet

The cabinet for this receiver is charmingly modern, with a truly distinctive speaker grille opening. Made of choice selected American Walnut veneers. Size 14 1/2"x8 7/8"x6 3/4" deep.

Model C-16

Lafayette 5-Tube 2-Band DeLuxe Superheterodyne Compact. For 110-120 volt, 50-60 cycle AC operation only. With tubes. Shpg. wt. 17 lbs. **\$14.95**
Code GPQRY. List \$29.90. YOUR COST...
For universal operation on 115, 135, 220, 250 volts, 40/60 cycles a.c., add\$2.00

TUNES DOWN TO 13 METERS

**6 TUBE 2 BAND
AC-DC SUPERHET**

30 DAYS
in your home
at our risk

RCA AND HAZELTINE LICENSED

PUT ONE IN YOUR OWN ROOM!

PLUG IN ANYWHERE

THIS new 1939 Lafayette 6-Tube 2-Band AC-DC Superhet Receiver will exceed the fondest expectations. Its superlative design is so far ahead of anything in its price field, that you are certain to get a real thrill when you first see and operate it. It has sensational tone, fine selectivity and sensitivity, beautiful cabinet and a wide tuning range of reception. The thrill of foreign short-wave reception, as well as domestic broadcasting and police call transmissions are all obtainable from this remarkable little receiver. Examine the features incorporated and listed below,—compare them with other makes similarly priced, and we are sure that your choice will be this superior set.

2-Band Superheterodyne—Beam Power Output
An up-to-date superheterodyne circuit with 6-high-efficiency tubes are incorporated. Many of the tubes are of dual-purpose design and utilized so that 8-tube performance is obtained. The power stage employs a Beam Power tube, to insure great power output and brilliant reproduction. Tubes used are: 1-6K8G, 1-6D6, 1-6Q7G, 1-25L6G Beam Power Output stage, 1-25Z5 and 1-L49BG ballast tube.

The tuning ranges provided are: 174 to 550 meters, which covers all domestic broadcasting and police calls; and, 13 to 51.2 meters which covers all foreign short-wave broadcasts, as well as many aircraft and amateur stations.

Automatic Volume Control—Hi-Efficiency Speaker
Other outstanding features of this set are: Sensitive Automatic Volume Control Action to prevent blasting and overloading and to prevent fading; Wave Trap to reduce code interference; and, a Hi-Efficiency Dynamic Speaker.

Distinctive Cabinet—New Slide-Rule Dial
Beautifully grained Walnut veneers were selected for this cabinet. Tastefully as well as highly finished in two contrasting tones to produce a distinctive appearance. The grille bars across the speaker opening and the New Slide-Rule Tuning Dial serve to materially contribute to its appearance. This new dial also makes tuning much more simple. Dimensions are: 14 3/8"x7"x8 7/8" high.

Model C-87

Lafayette 6-Tube 2-Band Superheterodyne Receiver, for 110-120 volts AC (50/60 cycles) and DC operation. With tubes. Wt. 16 lbs. Code GNOPW. **\$14.95**
List \$29.90. YOUR COST...
For 220 Volt Adapter Cord, Add.....75c



\$14.95

Lafayette VALUES THAT



6 TUBE 2 BAND AC

RCA & HAZELTINE LICENSED

SUPERHETERODYNES

\$16.95
YOUR CHOICE

TUNE DOWN TO
13 METERS
CATHODE RAY
VISUAL TUNING

7 TUBE 2 BAND AC-DC

RCA & HAZELTINE LICENSED



YES, you CAN believe your eyes! Lafayette startles the radio world once more by offering this super-value 6-tube, 2-band a.c. Superhet with large 6-inch high-efficiency dynamic speaker and tuning range down to 13 meters for such an unbelievably low price. Crowded with features usually found on much more costly radios this excellent model will surprise you with its fine performance, equal to that of 8 tube receivers.

2-BAND TUNING. Two tuning ranges from 23 mc. to 5.83 mc. (13 to 51.2 meters) and 544 to 1720 kc. (174 to 550 meters) cover the most important short-wave stations of the world as well as all the standard American broadcasts.

CATHODE-RAY "EYE". This modern tuning aid greatly facilitates tuning in all short-wave and broadcast stations at peak resonance where tone and clarity are at their best.

SIX-INCH DYNAMIC SPEAKER will supply ample volume for the average home with no rattling or distortion. A.V.C. circuit maintains constant output.

6 HIGH-GAIN TUBES are utilized in an advanced superhet circuit. Tubes used are: 6K8G oscillator-mixer; 6D6 i.f. amplifier; 6Q7G diode detector. A.V.C. and 1st a.f.; 42 power output; 6U5 tuning "eye" and an 80 rectifier tube. Other features include efficient wave trap to reduce all code interference and illuminated slide-rule type tuning dial. Set in a handsome duo-tone, high polished walnut cabinet.

MODEL C19

Lafayette 6-tube, 2-band a.c. Superheterodyne in duo-tone Walnut mantel cabinet, complete with tubes. Size: 8⁷/₈" high, 14¹/₂" wide, 6³/₄" deep. For operation on 110-120 volts, 50/60 cycles a.c. Shpg. wt. 18 lbs. Code, GSTUY. **\$16.95**
List \$33.90. YOUR COST.....
For operation on 117, 135, 220 and 250 volts, 40/60 cycles a.c., add.....\$2.00

YOU'D HAVE TO PAY UP TO TWICE AS MUCH ELSEWHERE TO GET

AS thrillingly beautiful to the eye as to the AC-DC Superheterodyne is the ideal receiver for the listener who wants a radio that will operate anywhere from any 110 volt outlet. But like all Lafayette values its versatility is only one feature, for it also possesses the remarkable selectivity, sensitivity, fine tone, ease of operation and clarity, with the needle-sharpness that means wave, with the needle-sharpness that means clarity, volume, fine tone and luxurious radio enjoyment.

2-BAND COVERAGE gives you your choice of entertainment at home and abroad. The broadcast band covers 544 kc. to 1720 kc. (174 to 550 meters) while the short wave band includes 23 mc. to 5.83 mc. (13 to 51.2 meters) providing you with the dependable high-frequency range so useful for daytime short-wave listening.

BEAM-POWER OUTPUT TUBE provides remarkable volume with utmost clarity. Complete tube line-up includes: 6K8G osc.-mixer; 6D6 i.f. amplifier; 6Q7G det. A.V.C., 1st audio; 25L6G "beam-power" output; 6U5 tuning "eye"; L49BG ballast and 25Z5 rectifier.

FULL-FIELD DYNAMIC SPEAKER. Behind the attractive grille is a large 6-inch electro-dynamic speaker providing fine tone and volume. A "slide-rule" type dial, variable tone control, code-interference wave-trap, are other notable features of this fine set.

MODEL C88

Lafayette 7 tube, 2-band a.c.-d.c. Superheterodyne in duo-tone Walnut Mantel cabinet, complete with tubes. Size 8⁷/₈" high, 14³/₄" wide, 7" deep. For operation on 110 volts d.c. or a.c. (50/60 cycles). Shpg. wt. 15 lbs. Code, GUVWX. List Price \$33.90. YOUR COST.....
For 220 Volt Adapter Cord, add.....75c

CHALLENGE COMPETITION!

RCA & HAZELTINE LICENSED

BEAUTY of appearance — ample power — exceptionally fine tone — three-band coverage — all these features and many more are in store for you when you buy this Lafayette 6-tube, 3-band a.c. Superheterodyne. The unusually low price by no means indicates the quality inherent in this exceptional radio. You will find it performs as well as most 8 or 9 tube receivers selling at almost double the price.

THREE TUNING BANDS cover all the interesting short-wave stations, including foreign and domestic broadcasts, amateur phone bands, police calls, airplane communications and other services. These are covered on the 22.5 to 5.8 mc. (13.3 to 51.7 meters) bands and 6.25 to 2.2 mc. (48 to 136.5 meters) bands. All standard broadcasts, including the new high-fidelity stations are covered on the 1720 to 543 kc. (174.5 to 552 meters) band.

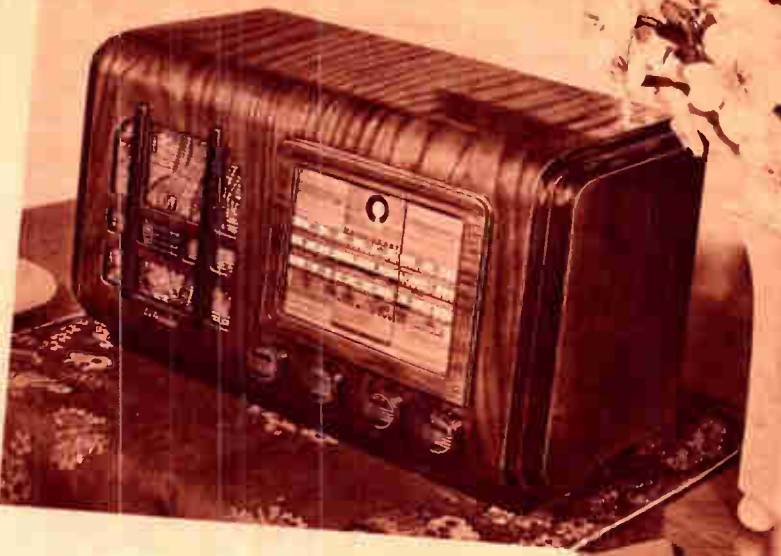
CATHODE-RAY TUNING "EYE" shows you where your stations are tuned in at their very best. Helps you pull in far more DX.

HIGH EFFICIENCY 6-INCH SPEAKER handles the powerful output with no distortion or rattle. The fine tone quality will actually amaze you. A fully variable tone control enables you to adjust the bass or treble to suit your musical taste. **MULTI-PURPOSE TUBES** used throughout. Tubes used: 6K8G osc.-mixer; 6D6 i.f. amp.; 6Q7G diode det., A.V.C. 1st a.f.; 42 output; 6U5 "eye"; 80 rectifier. Other noteworthy features include: Wave Trap to eliminate code interference; illuminated large slide-rule type dial in two colors; A.V.C. circuit.

MODEL C-21

Lafayette 6-tube, 3-band a.c. Superheterodyne in two-tone Walnut mantel cabinet, complete with tubes. Size: 9³/₄" high, 17¹/₄" wide, 8¹/₂" deep. For operation on 110-120 volts, 50/60 cycles a.c. Shpg. wt. 23 lbs. Code, GABC.

List \$39.90. **YOUR COST.....\$19.95**
For operation on 117, 135, 220 and 250 volts, 40/60 cycles, a.c. add\$2.00



6 TUBE 3 BAND AC

TUNE DOWN TO
13 METERS
CATHODE RAY
VISUAL TUNING

\$19.95
YOUR CHOICE

SUPERHETERODYNES

**THE DOUBLE VALUE
BUILT INTO THESE
BRILLIANT RECEIVERS**

YOU'LL look far and wide for a better radio at this price but you won't find one anywhere because our engineers and designers have really "gone to town" with the Lafayette 7-tube 3-band AC-DC Superhet. And to make it doubly attractive we've housed it in one of the sleekest, handsomest cabinets in our entire line. From every angle of tone, quality, dependability and looks it is absolutely "tops".

BEAM-POWER OUTPUT tube for undistorted tone with unusual power. Excellent quality on all stations. Complete tube complement includes: 6K8G oscillator-mixer; 6D6 i.f. amplifier; 6Q7G diode detector, A.V.C. and 1st audio; 25L6G "beam-power" output; 6U5 tuning "eye"; 25Z5 rectifier and an L42DG ballast tube.

THREE BAND TUNING covers the following ranges: 22.5 to 5.8 mc. (13.3 to 51.7 meters); 6.25 to 2.2 mc. (48 to 136.5 meters) and 1720 to 543 kc. (174.5 to 552 meters) giving you all the important short-wave stations of the world, police, amateur and airplane signals, and all the standard American broadcast stations. Other features include: 6-inch hi-efficiency dynamic speaker, wave-trap for code interference, A.V.C. and two-color illuminated "slide-rule" dial.

MODEL C-90

Lafayette 7-tube, 3-band AC-DC Superheterodyne in two-tone Walnut mantel cabinet, complete with tubes. Size: 10" high, 16" wide, 8¹/₂" deep. For operation on 110 volts d.c. or a.c. (50/60 cycles). Shpg. wt. 22 lbs. Code, GBCDE.

List Price \$39.90. **YOUR COST.....\$19.95**

Special European Long-Wave Model C-94
Similar to the receiver above except that for the 48-136.5 meter band there has been substituted a band covering 140 to 375 kc. (800 to 2140 meters) for the reception of continental long-wave broadcasts. Code, GDEFX.

List \$45.00. **YOUR COST.....\$22.50**
For 220 volt ADAPTER CORD, either model above, add75c

7 TUBE 3 BAND AC-DC

RCA & HAZELTINE LICENSED



HIGH FIDELITY *that will make you marvel at the* LOW PRICE

RCA & HAZELTINE LICENSED



Your Choice \$ **22.75**
AC OR AC-DC

7 TUBE 2 BAND SUPER

A SUPERB compact table model receiver of such design and beauty that you will truly marvel at the low price quoted. Everything important, in quality, tuning range, reproduction, etc., has been included, plus six station Instantaneous Automatic Push-Button Tuning. Most outstanding of all its numerous features is the remarkable faithfulness of reproduction obtained.

Automatic and Manual Tuning—S. W. Reception
In addition to the push-button feature is incorporated plain or manual tuning, with the six buttons set for the preferred stations. Adjustment of these push-buttons is very simple and can be performed by anyone. Two bands of reception are provided. One range, 172 to 566 meters, covers domestic broadcast and police transmissions. The other band, 13 to 50 meters, covers foreign short-wave broadcasts. The circuit is a modern up-to-date superheterodyne, employing seven tubes, as follows: 1-6A7 as osc-detector; 1-6D6 as I. F. amp; 1-75 as 2nd. detector, AVC and 1st. audio; 1-76 as driver stage; 1-6AC5G as power stage; 1-80 rectifier and 1-6U5 tuning "eye". Other features: automatic volume and tone controls.

To insure high-quality reproduction, a special "louvre" type speaker grille cabinet is employed in conjunction with an 8" Jensen dynamic speaker. Cabinet is constructed of finest two-tone American Walnut veneers. Size 17 $\frac{3}{8}$ "x10 $\frac{1}{4}$ "x8".

Model D-4

Lafayette 7-Tube 2-Band Superhet Receiver with all tubes. For 110-120 V., 50/60 cycles AC. Wt. 23 lbs. Code WLMNO. List \$45.50. **\$22.75**
YOUR COST:
For Universal Operation on 115, 220, 250 volts, 40/60 cycles, add. \$2.00

AC-DC Model D-5

Same as above, but for 110-120 V., AC (50/60 cycles) or DC operation. Tubes: 1-6A7, 1-6D6, 1-75, 2-25L6G's (parallel beam-tube operation), 1-25Z5 and 1-8M17C ballast instead of tuning "eye". Wt. 21 lbs. Code WMNOS. **\$22.75**
List \$45.00. YOUR COST:
For 220 Volt Adapter Cord, add. 75c

30 DAYS
in your home
at our risk

High-Quality Reproduction on Broadcast and Short-Wave Bands

Instantaneous Automatic Push-Button Tuning on 6-Station

Jensen 8" Dynamic Speaker to assure Quality Reproduction

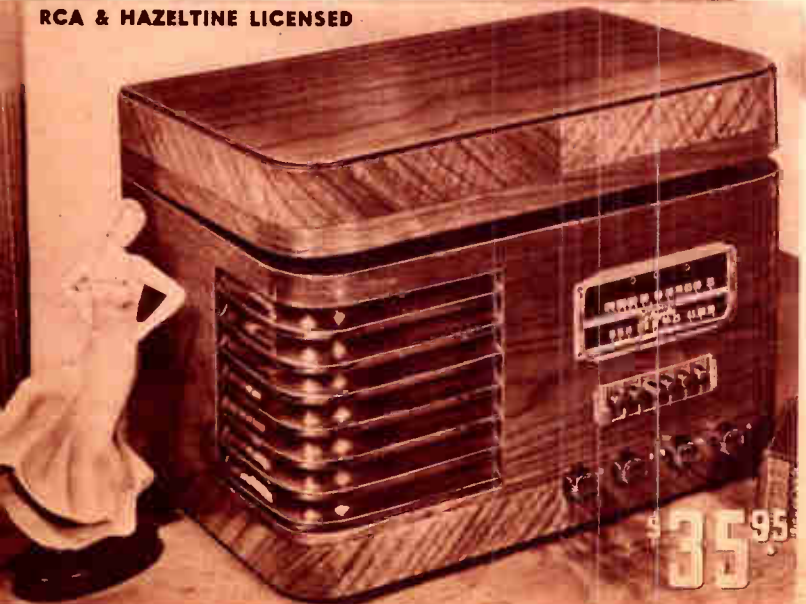
Louvre type Speaker Grille Cabinet for Fine Acoustics

Available in AC, AC-DC and Phono-Radio-Combination Models

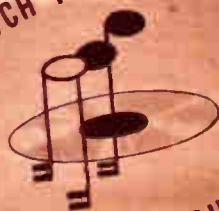
JUST TOUCH A BUTTON



RCA & HAZELTINE LICENSED



SWITCH TO THE PHONO



FOR MUSIC TO FIT YOUR MOOD

Phono-Radio Combination Table Model

Same radio receiver features as described for AC model above, but with Webster 78 r.p.m. constant speed motor, Hi-fidelity crystal pickup and 12" turntable. All mounted in a handsome two-toned American Walnut veneer cabinet with hinged cover. This is a splendid reproducing instrument for both phonograph records and radio, and will richly harmonize with the interior of the finest homes. Intended for the musically critical (radio and phonograph reproduction) who live in compact quarters, yet priced within the reach of all.

Model D-64

Lafayette 7-Tube Phono-Radio Combination for 110-120 volts 60 cycle AC operation. Complete with tubes and 8" Speaker. Dimensions: 21"x13 $\frac{1}{2}$ "x13 $\frac{1}{2}$ ". Shpg. wt. 46 lbs. Code WSTUV. List Price \$71.90. **\$35.95**
YOUR COST:
For 220 volt operation, add. \$3.00

QUALITY of the most expensive consoles—built into these LOW COST table models

RCA & HAZELTINE LICENSED

7 TUBE 3 BAND AC SUPER

JUST check the features listed for this splendid table model receiver, and you'll agree that most of them have been heretofore exclusively in expensive console models. As a result, you get fine console reception and quality and, surprisingly, the price is no higher than inferior models.

6-Station Instantaneous Automatic Tuning

Its Automatic Tuning is a distinctive feature, and so simple that anyone can set it for any six stations. Manual or plain tuning is, of course, included and made easier by a large illuminated "slide-rule" tuning dial and a cathode-ray "eye" to facilitate precise tuning.

Modern 3-Band Superhet—JENSEN Speaker

A highly developed superheterodyne circuit is employed, with a total of 7-tubes to provide complete reception. The ranges of the 3 bands are: 13.3-51.8; 48-136.25 and 174-552 meters. The tubes are: 1-6D6 as rf amp. (on broadcast band); 1-6K8G as osc-det; 1-6D6 as IF amp; 1-6Q7G as diode det., AVC and 1st Audio; 1-42 power AVC; 1-80 rectifier and 1-6U5 tuning "eye". Triple AVC, a tone-compensated volume control, continuously variable tone control and a Jensen Hi-Efficiency dynamic speaker are all included.

The pleasingly attractive cabinet is constructed and finished in two-tone American Walnut.

Model C-29

Lafayette 3-Band Automatic and Manual Tuning Table Model Receiver, as described. With all tubes. For 110-120 volts, 50-60 cycles A.C. Size: 18½" W., 9¾" D., 11¼" high. Shpg. wt. 24 lbs. Code GABCD. List \$51.90.

YOUR COST **\$25.95**
For Universal Operation on 117-135-220-250 volts, 40/60 cycles AC. Add..... \$2.50

Long-Wave European Receiver—Model C-34

Same as above, but with Long-Wave Band (800-2170 meters) instead of 48-136.25 meters. Has RF stage on broadcast and long wave bands. Also has universal tapped power transformer for 40 cycle operation at 115-135-220-250 V. AC. Wt. 26 lbs. Code GBCDK. List \$59.00. YOUR COST..... **\$29.50**

YOUR COST..... **\$29.50**



Table Model Combinations

Same large splendid receiver as in Model C-29, with Instantaneous Push-Button Tuning, large 8" hi-efficiency speaker, Garrard 78 r.p.m. phonomotor with speed regulator and automatic stop, 12" turntable and hi-fidelity Crystal pickup. Beautifully finished "louvre-type" speaker cabinet, with hinged cover for phonograph compartment that can remain closed with phonograph in operation to minimize record noise. Size: 23"x15"x17¾" high.

Model C-13

Lafayette Table Model Phono-Radio Combination, as described, with all tubes, etc. For 110 volts, 60 cycle AC operation. Shpg. wt. 55 lbs. Code GDEFH. List \$105.00.

YOUR COST..... **\$52.50**
For 220 volt operation, add..... \$3.00

8 Tube AC-DC Table Model C-17

Same features as described for AC phono-radio model above, but designed for AC-DC operation. Uses 8" Hi-Efficiency Dynamic Speaker with following tubes: 2-6D6's; 1-6K8G; 1-6Q7G; 1-25L6G; 1-25Z5; 1-6U5 and 1-L36DG ballast tube (2525 instead, in Model C-99). Shpg. wt. 53 lbs. Code GEFZ. List \$115.00.

YOUR COST..... **\$57.50**
For 220 volt operation, add..... \$3.00



\$25.95

- I**nstantaneous Automatic Tuning
- L**arge 7-Tube, 3-Band Superheterodyne
- C**athode-ray Tuning "Eye"
- T**one Compensated Volume Control; Tone Control
- T**unes Down to 13 Meters



30 DAYS
in your home
at our risk

RCA & HAZELTINE LICENSED



\$52.50

AGAIN LAFAYETTE OFFERS

In style and performance these

LAFAYETTE

8 TUBE AC-DC 3 BAND SUPER



\$25⁹⁵

THIS exquisitely styled Superheterodyne Receiver is another top-ranking Lafayette model. It has everything—Sparkling Tone, Style, Performance and all the other pre-requisites of an exceptionally good radio receiver. You can't go wrong when you choose this table model—and to prove it we're willing to let you have it for 30 days trial in your home, at our risk!

Automatic Instantaneous Push-Button Tuning on any six preferred stations. Simple, foolproof automatic mechanism that even a child can operate or set for any six stations. **Three Tuning Bands** provide a variety of reception as follows: 174 to 552 meters, for Domestic Broadcasts and Police Signals; 48-136.25 meters, for Amateur, Aircraft and Foreign Short-Wave Broadcasts; and, 13.3 to 51.8 meters for additional Foreign Short-Wave broadcasts. **High Sensitivity and Selectivity** is obtained as a result of the use of a 3-gang condenser and RF pre-selection stage which is employed on the broadcast band. **Jensen matched Dynamic Speaker** for excellent tone quality. **Triple Automatic Volume Control Action** is employed to eliminate fading and blasting, and supplemented by a **Tone-Compensated Volume Control** which restores the bass tones on low volume levels. **A Continuously Variable Tone Control** permits adjusting the tone to the individual's taste. **Sturdy, Rugged Chassis Construction**, with oversize parts. Tubes used: 2-6D6's; 1-6K8G; 1-6Q7G; 1-2SL6G; 1-25Z5; 1-6U5, and 1-L42DG ballast. The charmingly modern duo-grained cabinet will please the most critical. Its beauty is further enhanced by a streamlined "louvre-type" speaker grille-work, and a **Large Illuminated Slide-Rule Tuning Dial**. Cabinet dimensions are: 18½" x 9¾" x 11¼" high.

MODEL C-98

Lafayette 8-Tube 3-Band 110 Volt AC (50/60 cycles) and DC Table Model Receiver. With Instantaneous Push-Button Tuning, as described. With tubes and full instructions. **\$25.95**. Tubes Code GVWXY. List \$51.90. **\$25.95** YOUR COST. For 220 Volts, AC-DC, Adapter Cord, Add....75c

RCA & HAZELTINE LICENSED

- **Instantaneous Automatic Push-Button Tuning**
- **Three Bands; 13.3 to 552 Meters**
- **Cathode-Ray Tuning "Eye"**
- **Large Illuminated "Slide-Rule" Tuning Dial**
- **Tone-Compensated Volume Control**
- **Continuously Variable Tone Control**
- **Handsome Modern Cabinet**
- **Operates Efficiently on AC or DC**

30 DAYS
*in your home
at our risk*

LAFAYETTE

6 TUBE A.C. SUPER



\$19⁹⁵

LAFAYETTE offers this table model to those who want brilliant High-Fidelity Reproduction, Economical Operation and Complete Simplified Broadcast Tuning at an outstandingly low price. This receiver is essentially designed to furnish high-fidelity reception on the broadcast band only—for those who are critical about musical quality and uninterested in multi-wave reception.

The tuning range of this splendid little receiver is from 172 to 566 meters, which includes the experimental hi-fidelity broadcast stations operating slightly below 200 meters. **Instantaneous Automatic Push-Button Tuning** is included, and the six station buttons can be set by anyone for any six preferred stations. High-quality reproduction is assured by the use of a **Hi-Efficiency 8" JENSEN Dynamic Speaker**. **A Continuously Variable Tone Control** is included so that the tone may be set for the individual's taste. All Modern Tubes are employed in a well-designed Superheterodyne Circuit to give a high order of selectivity and sensitivity, as well as crystal-clear reproducing qualities. Tubes used are: 1-6A7, 1-6D6, 1-75, 1-76, 1-6AC5G Direct-Coupled Power Amplifier Tube, and 1-80 rectifier.

Finely finished two-tone Walnut cabinet. Large Illuminated Dial with bold clear numeral indications improve its appearance, as well as facilitating manual tuning. 17¾" x 9¾" x 8".

MODEL D-2

Lafayette 6-Tube Single-Band High-Fidelity Receiver, with Automatic Push-Button Tuning, as described. With tubes and instructions. For 110 volts, 50/60 cycles AC operation. Wt. 23 lbs. Code WNOPU. List \$39.90. **\$19.95** YOUR COST. For 115, 220, 250 volt 40/60 cycles, add....\$2.00

RCA & HAZELTINE LICENSED

PUSH BUTTON TUNING

8" SPEAKER

BETTER RECEPTION

MOST FOR THE LOWEST PRICE

sets are unbeatable values

11 TUBE AC 3 BAND SUPER

NEW beauty, new and improved performance, new circuit refinements that are usually found only on sets selling for \$75.00 and more—these are but a few of the reasons why this new Lafayette 11-tube model C-37 constitutes the best investment in radio entertainment that you can make. You'll be thrilled by its "console" reproduction, you'll be highly pleased by its modern streamlined style—and you'll be amazed to find that the price quoted is only \$32.50 complete. Let our famous 30-day free trial offer convince you. Try one in your home at our risk. We know that you will find every claim more than justified.

13.3 to 562 Meters—Push-Button Tuning
You get world-wide reception with remarkable clarity and consistency on three tuning bands that are designed to cover police, aircraft, amateurs, weather reports, foreign short-wave and domestic broadcasts. Tuning ranges are: 13.3-51, 48-136 and 174-562 meters.

Instantaneous Automatic Push-Button Tuning is incorporated, so that you can get any one of six preferred stations instantly and with absolute precision. Absolutely new design of this unit makes it foolproof in operation and child's play to set for the stations you desire most. Manual tuning is, of course, included.

Twin-Cathode-Ray Tuning "Eye"

Tuning of stations, on all bands, is considerably simplified and accomplished with positive precision as a result of a new "twin-cathode-ray tuning eye" which is used. A highly developed Triple Automatic Volume Control circuit is utilized to full advantage so as to prevent fading and blasting.

P.P. Beam Power Tubes—10 Watts Output
Here again we find an outstanding feature! The tremendous audio power of 10 watts is obtained by the use of two Beam Power Output Tubes in push-pull operation. You get crystal clear reproduction because of this output and the use of an 8" Symphony Dynamic Speaker. Complete tube complement as follows: 1-6K8, 1-6D6, 1-6Q7G, 4-76's, 2-6V6G Beam Power Tubes, 1-80 and 1-6AF6G Twin-Cathode-Ray Tuning "Eye".

Handsome Cabinet Slide-Rule Dial

The cabinet is tastefully streamlined and has a very attractive appearance. Built of finest walnut veneers, with high-polished finish. Dim: 21¼" x 9½" x 11¾" high. Its appearance is further enhanced by the large gold-embossed Slide-Rule Tuning Dial which is completely illuminated when the set is turned "on".



RICHER TONE



SLIDE RULE DIAL



LAFAYETTE



\$32.50

Model C-37

Lafayette 11-Tube Table-Mantel Superhet Receiver. With Instantaneous 6-Push-Button Automatic and Manual Tuning and 3-Tuning Bands, as described. For 110-120 volts, 50/60 cycles AC operation. Supplied Complete With Tubes and Instructions. Shipping wt. 36 lbs. Code GPQRS.

List \$65.00
YOUR COST **\$32.50**
For Universal Operation on 40/60 cycles, 117, 135, 220, and 250 volts AC, add.....\$3.00

★ ★ ★ ★ ★
30 DAYS
in your home
at our risk
★ ★ ★ ★ ★

RCA & HAZELTINE LICENSED

5 TUBE AC-DC COMBINATION

LAFAYETTE

THE sensationally low price of this Lafayette AC-DC Phono-Radio Combination makes it possible for even the lowest salaried individuals to fully enjoy fine record reproduction in addition to radio broadcasting. It's a perfect miniature, in size only, of the expensive large combinations. In efficiency, reproduction and other features it is a veritable giant. Only Lafayette's large scale operations could make possible such an outstanding value!

Distinctive Features Include: Receives from 174 to 550 Meters, covering police signals as well as Domestic Broadcasting; Large Scale Tuning Dial; Beam Power Output Tube, which assures large crystal clear power; RCA Tangent Arm Crystal Pickup; Constant Speed 78 RPM Phono-Motor; Plays both 10" and 12" Records; Variable Tone Control; Phono-Radio Switch; AC-DC Operation on Receiver, 110 volts, 60 cycles AC operation only on Phonograph. Handsome hardwood Cabinet, set off by gold-faced dial and scale. Size: 13" x 11" x 10".

Model FS-11

Lafayette 5-Tube Phono-Radio Combination, with tubes. Receiver operates from 110 volts 50/60 cycles AC or DC. Phono-unit from 110 volts, 60 cycles AC only. Shpg. wt. 23 lbs. Code FABCO. List \$39.50
YOUR COST **\$19.75**

RCA & HAZELTINE LICENSED



\$19.75



with **AUTOMATIC PERMEABILITY TUNING**
Just Touch a Button

Inside AT THE LOWEST

Lafayette

DISCRIMINATING listeners who are satisfied only by the finest will readily see that this exceptional Lafayette 9-tube, 3-band Superheterodyne possesses all of the fine qualities they are seeking in a radio. Thoroughly modern in every respect it utilizes the very latest in radio design to bring you the world's best radio programs as they deserve to be heard.

Permeability Touch Tuning

Push button automatic tuning, instantly adjustable from the front of the set, permits you to bring in any one of your six favorite stations by the touch of your finger. Radio's great new development, ganged permeability tuning, insures complete absence of frequency drift. Once your station buttons are set your stations are always tuned perfectly.

R.F. Pre-Amplifier Stage

A stage of r.f. pre-amplification on ALL bands assures extreme selectivity with minimum interference from powerful local stations when listening to DX and foreign stations. Multi-Pi Litz wound i.f. transformers contribute good adjacent channel selectivity. Triple automatic volume control provides complete freedom from fading on weak and distant stations and eliminates annoying blasting.

12-Inch Hi-Efficiency Speaker

A 12-inch hi-efficiency dynamic speaker mounted in the acoustically corrected tone chamber supplies unusually fine tone quality on both voice and music. A special bass-compensated volume control accentuates the bass response when operating at low volume levels to render natural tone at all times. Continuously variable tone control permits adjustment to overcome room acoustics as well as giving you the quality you desire.

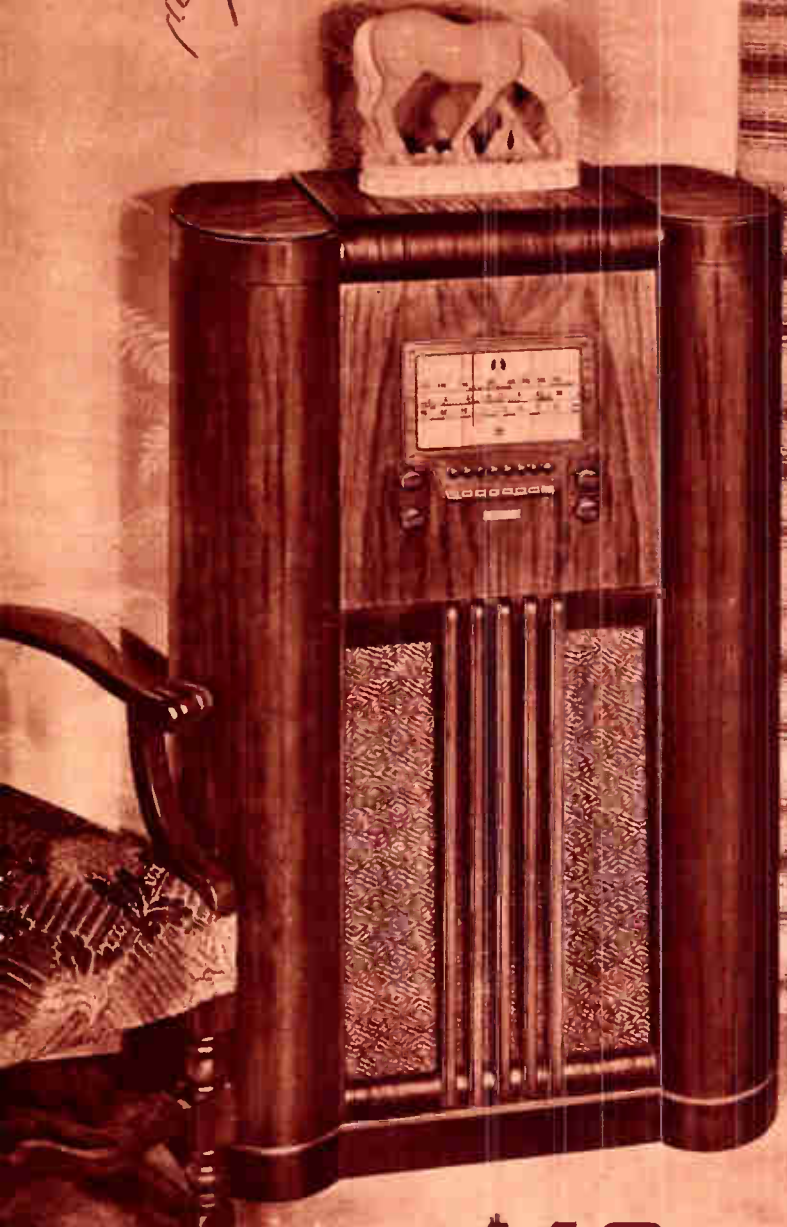
3 Tuning Bands—Slide-Rule Dial

Three tuning bands cover the short-wave and broadcast bands: 23 to 7.1 megacycles (13 to 42 meters); 7.4 to 2.32 megacycles (40.5 to 129 meters) and 540 to 1720 kilocycles (174 to 550 meters). This extremely wide range permits you to tune in your choice of the world's finest radio entertainment including, in addition to all the standard American broadcasts, foreign and domestic short-wave broadcasts, police, amateur and airplane calls. A highly legible tuning dial of the modern slide-rule type. The console model is housed in a beautifully finished du-tone walnut cabinet, attractively modern. For tube complement see page opposite.

Model C-20

Lafayette 9-tube, three band permeability touch tuning Superheterodyne, in Walnut console, complete with tubes. For operation on 110-120 volts 50/60 cycles a.c. Size: 42" high, 27 7/8" wide, 14 1/4" deep. Shpg. wt. 75 lbs. Code, GRSTV. List \$99.00.

YOUR COST.....\$49.50
 For universal operation on 117, 135, 220 and 250 volts, 40/60 cycles a.c. add \$2.50
RCA & HAZELTINE LICENSED



\$49.50

30 DAYS
in your home
at our risk

The Greatest Value
We've ever offered!

LABORATORY

BUILT AND TESTED FOR "STRUCTURAL"

and Out... IT'S TOMORROW'S PATTERN
 PRICE EVER OFFERED FOR DE-LUXE QUALITY!

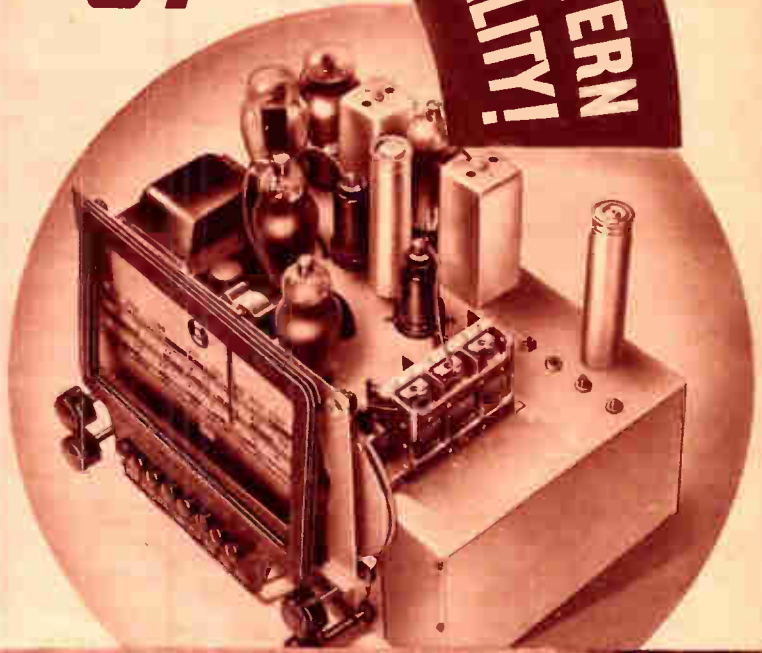
3 BAND 9 TUBE AC SUPERHET

\$ 37⁵⁰

THIS is a custom-built, de-luxe 9-tube, 3-band chassis incorporating the very latest advances in radio science, engineering and design. Subjected to the most rigorous laboratory tests it comes to you as one of the most perfect radio instruments Lafayette has ever offered. From every standpoint—sensitivity, selectivity, audio frequency response, the new permeability touch tuning with complete absence of frequency drift, wave-band coverage, noise-free operation—it is truly a great set. And at Lafayette's amazingly low price, complete with all tubes and a hi-efficiency 8-inch speaker it is truly a great buy.

3-Band Tuning—9 Multi-Purpose Tubes
 Band coverage: 23-7.1 mc. (13-42 M.); 7.4-2.32 mc. (40.5-129 M.) and 540-1720 kc. (174-550 M). The low-wave length coverage assures excellent daytime reception of foreign short-wave stations. Nine multi-purpose tubes are used: 6D6 r.f. amp.; 6A7 oscillator (automatic tuning); 6D6 i.f. amp.; 6Q7G diode det., A.V.C., 1st a.f.; 6F6G power output; 6AF6G twin-tuning "eye"; 6D6 "eye" control 6K8G osc.-mixer and 80 rectifier tube.

Twin-Vision Tuning "Eye"
 An extremely valuable feature is the use of the new twin-vision cathode-ray tuning "eye". Two opposite sections of the eye open and close as stations are tuned to resonance. Two-input operated, one section works on powerful local stations while the other provides an extremely sensitive indicator for weak and distant DX and foreign stations. A modern linear-scale slide-rule type tuning dial permits extremely fine tuning on all wave-bands.



**CHASSIS AND SPEAKER ONLY
 Model C-31**

Lafayette 9-tube, three-band permeability touch tuning Superheterodyne, less cabinet, but complete with all tubes and large 8-inch full-field electro-dynamic speaker. For operation on 110-120 volts, 50/60 cycles a.c. Size: 9-3/16" high, 13 1/4" wide, 10 1/2" deep. Shpg. wt. 35 lbs. Code, GNOPR. List Price \$75.00.
YOUR COST.....\$37.50
 For universal operation on 117, 135, 220 and 250 volts, 40/60 cycles a.c. add.....\$2.50

- ① Automatic
- ② 3 Band
- ③ Selection

RCA & HAZELTINE LICENSED

MANTEL MODEL C-15

Lafayette 9-tube three band permeability touch tuning Superheterodyne incorporating chassis described on these pages, in attractive duo-toned Walnut mantel cabinet 11 3/4" high, 22 1/2" wide and 10 1/4" deep. Has large 8-inch hi-efficiency full-field electro-dynamic speaker mounted in perfected acoustical chamber. Cabinet is beautifully proportioned and finished. For operation on 110-120 volts 50/60 cycles a.c. Shpg. wt. 40 lbs. Code, GOPQS. List \$89.00.
YOUR COST.....\$44.50
 For operation on 117, 135, 220 and 250 volts, 40/60 cycles. add.....\$2.50



\$ 44⁵⁰

QUALITY

"TABLE MODEL" PRICES for CONSOLE PERFORMANCE

Lafayette 10 TUBE AC-DC 3 BAND SUPERHET

LAFAYETTE proudly announces this new 1939 Table Model Receiver with Console Efficiency. Our engineers utilized every modern refinement to assure real console performance. In addition, it incorporates that desirable versatility of operating with equal efficiency on either AC or DC.

Instantaneous Push-Button Permeability Tuning
Eight Push-Button Automatic Tuning is provided in this receiver; six buttons are for stations, one for line-switch and one for switching from automatic to manual tuning. The station buttons are very easy to set, and because of permeability tuned coils constant, precise "no drift" tuning for each button is assured.

Unexcelled 3-Band Superhet—5 Watt Output
Every tube in this large chassis is properly and advantageously used in a highly developed superhet circuit. Engineering innovations incorporated are: RF pre-amplification, three full bands of reception, Beam Power Output Tubes which deliver a full 5 watts of audio power to an 8" hi-efficiency speaker; Triple Automatic Volume Control to eliminate blasting or overload, Bass Compensated Volume Control, Continuously Variable Tone Control, Cathode-Ray Tuning "Eye", Large "Slide-Rule" Tuning Dial, and many others. The tubes used, and their functions, are: 1-6K7 RF Amp; 1-6K8 osc-mixer; 1-6B8G I.F. Amp., and AVC Diode; 1-6Q7G 2nd. Detector, 1st AF and phase inverter; 2-25L6G's PP Beam Power Stage; 2-25Z5 rectifiers; 1-6U5 Tuning "Eye", and 1-6A8G Automatic Tuning Oscillator. The 3-bands are: 13-42, 40.5-129 and 174-550 meters.

A beautifully modern, handsomely finished two-toned Walnut veneer cabinet is employed. Its "Louvre-Type" speaker grille provides improved acoustics to enhance the reproduction from the 8" hi-efficiency speaker. Dimensions are: 22½" x 10¼" x 11¾" high.

Model C-91

Lafayette 10-Tube, 3-Band AC-DC Receiver, as described above. With tubes. For 110 volts AC (50-60 cycles) or DC. Wt. 37 lbs. Code GKLMO. List \$95.00.

YOUR COST **\$47.50**

European—Model C-10

Same as described above, but plus fourth or European long-wave band, 794 to 2090 meters. For 110 volts AC (50-60 cycles) or DC. Shpg. wt. 38 lbs. Code GLMNS. List \$99.95.

YOUR COST **\$49.95**

For 220 volt operation, either model, add \$3.00



\$47.50

**ALL THE POWER
OF A BIG CONSOLE
ALL THE ADVANTAGE
OF AC-DC OPERATION
Plug-in Anywhere
ALL THE FEATURES
THAT YOU FIND ONLY
IN A Lafayette
FOR SO LITTLE MONEY**

Lafayette 16 TUBE AC-DC 4 BAND SUPER

Here is further proof that Lafayette sets the pace in radio engineering! This 16-Tube 4-Band Table Model Receiver is truly an outstanding feat, and only made possible by thorough laboratory construction and testing of each model. Every tube in it is efficiently used, and as a result deluxe console model reception and reproduction are achieved.

Deluxe Superhet Circuit—Push-Button Tuning
Instantaneous Automatic Push-Button and Manual Tuning are incorporated in this receiver. Eight buttons are provided for automatic tuning, 6 for preferred stations, one for line-switch and one for switching from automatic to manual tuning. Station setting of the six station buttons is so simple that anyone can perform it. A large "slide-rule" type dial makes manual tuning a real pleasure, and the special twin-cathode-ray tuning "eye" facilitates precision tuning on any band. The reception range of this receiver covers all short-wave overseas bands, as well as police, amateurs, aircraft, and long-wave weather and European Continental broadcasts. Tuning ranges are: 13-42, 40.5-129, 174-550 and 794-2090 meters.

Hi-Fidelity-Selectivity Control—10 W. Output
A distinctive feature of this receiver, found only in expensive deluxe consoles, is its Selectivity-Fidelity control which is combined with the Tone control. This arrangement permits a wide range of tonal effects, from hair-line selectivity with little of the very high audio frequencies to Hi-Fidelity which extends the audio range to 7500 cycles. High quality reproduction is enhanced by the use of 4 Beam Power Tubes in the output stage. This delivers 10 watts of audio power to a hi-efficiency 10" dynamic speaker. The tubes and their application in this receiver follows: 1-6K7 RF amplifier; 1-6K8 osc-mixer; 1-6K7 IF amplifier; 1-6H6 diode detector and AVC; 1-6C5 first audio; 1-6C5 phase inverter; 4-25L6G's push-pull parallel Beam Power output; 3-25Z6 rectifiers; 1-6A8G oscillator (for Push-Button Tuning); 1-6AF6G Twin Cathode-Ray "Eye" and 1-6K7 tuning indicator amplifier.

Model C-14

Lafayette 16-Tube AC-DC 4-Band Receiver, as described. With tubes. For operation from 110 volts AC (50-60 cycles) or DC. Wt. 44 lbs. Dim: 23¾" x 10¾" x 14¾" high. Code GMNOY. List \$139.00.

YOUR COST **\$69.50**

For 220 volt operation, add \$3.00

Covers the Entire World of Radio Reception



\$69.50

THESE RECEIVERS ARE LABORATORY BUILT!

HERE is one of the most excellent 11-tube 3-band A.C. Superheterodynes Lafayette has ever had the good fortune to offer. Constructed and engineered in accordance with the very latest advancements in radio science it features permeability tuned automatic touch button tuning. This assures complete absence of frequency drift. Your station will ALWAYS be tuned perfectly every time you press the button.

Touch-Button Tuning

A ten button control panel is used for tuning your six favorite stations accurately and instantly. And in addition three of the buttons are utilized as wave band controls one for each of the tuning bands covered by the receiver: 528 to 1830 kc. (164 to 565 meters, covering all standard and high fidelity broadcast stations); 1810 to 6350 kc. (47.2 to 166 meters) and 6300 to 22,000 kc. (13.7 to 47.7 meters) covering foreign short-wave broadcasts, police calls, airplane and amateur signals and a host of other fascinating short wave services. The tenth button is an "on-off" switch for the receiver. No controls are necessary to convert from automatic tuning to push-button tuning or vice versa. Stations controlled by push-buttons may be changed at will by a single screw setting from the front of the cabinet.

Thermostatic Compensator

Fully stabilized circuits regardless of temperature and humidity conditions are assured as variations in circuit alignment are eliminated through the use of a thermostatic compensating condenser, special condenser sealing and special insulation. Only custom-built receivers of the highest quality, such as this superb Lafayette, utilize this feature.

Cathode Tuning "Eye"

To facilitate tuning on all bands, and to permit needle-sharp adjustment of touch-button controls a 6U5 cathode-ray "eye" tuning indicator is set directly in the full-vision linear scale dial. Complete tube complement includes: 2-6U7G r.f. and i.f. amplifier, 2-6J7G converter and audio amplifier, 2-6J5G oscillator and phase inverter, 6H6 2nd det. and A.V.C., 2-6F6G push-pull audio output, 1-5Y3G rectifier and 1-6U5 tuning indicator.

12" Symphonic Dynamic Speaker
A specially designed 12-inch symphonic speaker in a perfect ACOUSTI-CHAMBER plus a tone expander provides fidelity reproduction of the highest order. The receiver is housed in a handsome duo-tone walnut cabinet of extremely attractive moderne design.

MODEL B86

Lafayette 11-tube, 3-band A.C. Superheterodyne, with automatic permeability push-button tuning, complete with tubes. For operation on 110-120 volts, 50/60 cycles AC. Size: 41 3/8" high, 24 1/2" wide, 13 1/2" deep. Shpg. wt. 79 lbs. Code, WJKLM. List Price \$120.00.

YOUR COST.....**\$59.95**

Chassis and Speaker Only

MODEL B71

Chassis, speaker and tubes only, less cabinet. Size: 11 1/2" high, 24 1/2" wide, 11 1/2" deep. Shpg. wt. 44 lbs. Code, WKLMZ. List Price \$90.00.

YOUR COST.....**\$44.50**

For 220 volt operation, add.....\$2.50

CUSTOM BUILT Lafayette 11 TUBE 3 BAND A.C. Superhet

- 1-Permeability Touch Button Tuning
- 2-Continuous All-Wave Tuning Covers 13.7 Meters to 570 Meters
- 3-High Fidelity Tone Expander
- 4-12-Inch Electro-Dynamic Speaker
- 5-Scientific Acousti-Tone Chamber
- 6-Cathode-Ray "Eye" Indicator
- 7-Full-Vision Linear Scale Dial
- 8-Continuously Variable Tone Control
- 9-Automatic Volume Control
- 10-RCA & HAZELTINE LICENSED



\$59.95



Where superb

CUSTOM DESIGN

by matchless

LAFAYETTE

FOUR BAND · AC

THESE SUPERB RECEIVERS



\$69⁵⁰

LAFAYETTE offers, in this matchless 15-tube, 4-band, A.C. Superheterodyne, a radio that combines the mighty power of one of the finest multi-tube receivers our engineers have ever designed—PLUS all-wave, all-world, 4-band coverage—PLUS the new Permeability Automatic Touch Tuning—PLUS the finest tone quality you've ever heard in a radio—PLUS the welcome knowledge that in buying Lafayette your radio dollar brings you more than it possibly could anywhere else.

Permeability Automatic Touch Button Tuning

Instantaneous, permeability touch-button tuning brings you any one of six favorite stations always tuned at peak resonance. Frequency drift is entirely eliminated. All station buttons are easily set from the front of the panel, and may be re-set for other stations as often as you desire. Station buttons are interlocked with line-switch so that merely pressing the button turns on your set and brings you your station.

Four-Band—All-World Coverage

You'll find the air-waves always have something you want to hear on any of the four bands this superb receiver covers. Tuning down to 13 meters, assuring you fine daytime reception of European short-wave stations, and up to 2090 meters, covering continental long-wave broadcasts. Wave-bands are: 23 to 7.1 megacycles (13-42 meters); 7.4 to 2.32 megacycles (40.5-129 meters); 1720 to 545 kilocycles (174-550 meters) and 378 to 138 kilocycles (794-2090 meters).

Push-Pull "Beam-Power" Output Stage

15 watts of undistorted audio power is supplied by a pair of modern 6V6G "beam-power" tubes in Class AB. Complete tube complement includes: 6K7 r.f. amplifier; 6A8G osc.-mixer; 6K7 i.f. amp; 6H6 diode detector, A.V.C.; 6C5 1st audio; 6C5 phase inverter; 2-6C5 push-pull driver stage; 2-6V6G "beam-power" push-pull output stage; 6A8G tuning oscillator; 6AF6G twin-tuning "eye"; 6K7 indicator amplifier and 2-80 rectifier tubes.

10-Inch Symphonic Speaker—Slide-Rule Dial

A full-field 10-inch hi-efficiency electro-dynamic speaker, fully capable of handling the enormous output of this mighty receiver is mounted in an acousti-tone chamber and provides reproduction of the finest quality. Fully variable tone control, bass-compensation and triple A.V.C. add to the enjoyment of listening. A large, easy-to-read, linear scale "slide-rule" type dial calibrated in megacycles and kilocycles has the more important station areas indicated. Cabinet of high-polished two-tone Walnut.

MODEL C-51

Lafayette 15-tube, 4-band A.C. Superheterodyne with Permeability Touch Tuning, in duo-tone Walnut mantel cabinet. Size: 14¹/₈" high, 23³/₄" wide, 11" deep. For operation on 110-120 volts, 50/60 cycles a.c. Shpg. wt. 49 lbs. Code, GFGHT.

List Price \$139.00. **\$69.50**
YOUR COST.....
For operation on 117, 135, 150, 220 and 250 volts, 40/60 cycles a.c., add \$3.50



ASSURE YOU OF

"IN-THE-STUDIO" PERFORMANCE

LAFAYETTE'S finest custom-built De Luxe chassis, with Permeability Automatic Touch Tuning, dual push-pull "beam-power" output stage of r.f. pre-amplification on all bands, automatic bass-compensated volume control, twin-vision cathode-ray tuning "eye" indicator, four tuning ranges from 13 meters to 2090 meters covering all short-wave, standard broadcast and continental long-wave broadcasts, iron-core i.f. transformers for hair-line selectivity; has high-fidelity switch giving range from approximately 125 to 7,000 c.p.s. Other features include triple A.V.C., fully variable tone control, oversized power transformer, high safety factor filter condensers, large two-colored slide-rule type dial and 10" high-efficiency dynamic speaker.

CHASSIS AND SPEAKER ONLY MODEL C-36

Lafayette 15-tube, 4-band A.C. Superheterodyne with Permeability Automatic Touch Tuning, less cabinet, with 10-inch hi-efficiency electro-dynamic speaker and all tubes. Size: 9¹/₄" high, 14¹/₄" wide, 11¹/₄" deep. For operation on 110-120 volts, 50/60 cycles a.c. Shpg. wt. 45 lbs. Code, GKLMR. List Price \$119.90.

\$59.95
YOUR COST.....
For operation on 117, 135, 150, 220 and 250 volts 40/60 cycles a.c., add \$3.50

CONSOLE CABINET MODEL 934

Beautiful two-tone hand-rubbed finish Walnut Console only (illustrated on page opposite), with blank instrument panel. Size: 34¹/₂" high, 30³/₄" wide, 12¹/₂" deep. Inside dimensions: 33³/₄" high, 26³/₄" wide, 10¹/₂" deep. Instrument panel 15¹/₂" by 12¹/₈". Shpg. wt. 65 lbs. Code, CNOPU. List Price \$48.00.

\$24.00
YOUR COST.....

is surpassed only
PERFORMANCE!

15 TUBE SUPERHET

AUTOMATIC TUNING · 12" SPEAKER · CUSTOM BUILT

It is with pride that Lafayette presents its latest and greatest 15 tube, 4-band A.C. Superheterodyne, with Automatic Permeability Touch Tuning. Incorporating every modern development known to radio science (for technical details, tuning range, tube complement and features, please see page opposite), it is truly the ultimate in 1938 receivers. Only Lafayette could offer so much for such a sensationally low price—it is undoubtedly the finest radio money can buy!

Model C-53

Lafayette 15-tube, 4-band A.C. Superheterodyne with Automatic Permeability Touch Tuning, in two-tone Walnut console, complete with all tubes. Size: 34½" high, 30¼" wide, 12½" deep. For operation on 110-120 volts 50/60 cycles a.c. Shpg. wt. 94 lbs. Code GH1JY. List Price \$165.00.

YOUR COST..... \$82.50

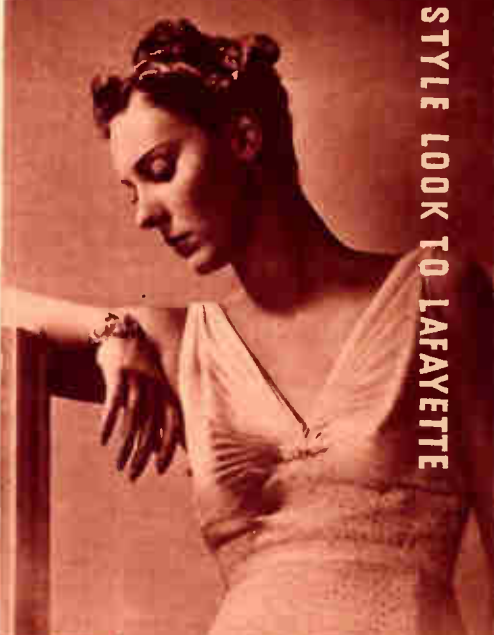
For operation on 117, 135, 150, 220 and 250 volts 40/60 cycles a.c., add..... \$3.50



\$82.50

· THOSE WHO SET THE

STYLE LOOK TO LAFAYETTE



12" SPEAKER



PERMEABILITY TUNING



CUSTOM CABINET DESIGN

Music Lovers WHO DESIRE REAL QUALITY

WILL BE *Thrilled*
WITH THESE BEAUTIFUL, YET
INEXPENSIVE COMBINATIONS

9 TUBE *Fully* AUTOMATIC PHONO-RADIO *Combination*



"BREATH-TAKING Beauty and Reproduction", will be your exclamation when you see and hear this Lafayette De-Luxe Fully Automatic Phono-Radio Combination. No finer artistry in cabinet design or construction will be found in any radio-phonograph combination, regardless of make or price. It has charm, distinction and is intended for the finest interior or the most luxurious home. Despite the many deluxe features, this enchanting combination is priced so low that practically anyone can afford to buy it.

Model C-22 Lafayette De-Luxe Phono-Radio Combination with 9-Tube 3-Band Push-Button and Manual Tuning Radio Receiver, and Garrard Automatic Record Changer. For 110-120 volts, 50-60 cycles a.c. Wt. 125 lbs. Code GJKLT. List \$225.00. **YOUR COST \$112.50**

Model C-23 Same receiver as described above, but with Garrard 78 r.p.m. motor, 12" turntable and Crystal pickup instead of Automatic Record Changer. Wt. 112 lbs. Code GKLMX. **List \$165.00—YOUR COST \$82.50**

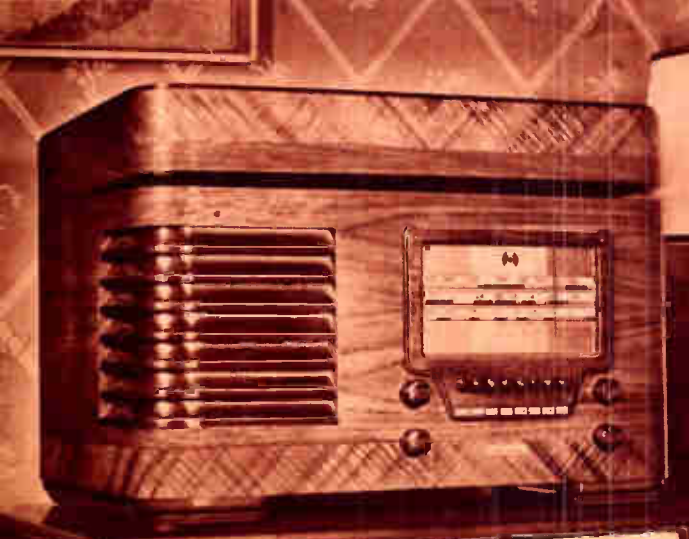
For 115, 150, 220, 250 40/60 cycle operation, add \$3.50
Model C-26 Same beautiful cabinet but with 10-Tube a.c.-d.c. receiver (described on page 14), 12" Dynamic Speaker and Garrard Automatic Record Changer, —all for 110 volts a.c. (50/60 cycles) or d.c. operation. Wt. 120 lbs. Code GHIJK. List \$245.00. **YOUR COST \$122.50**

Model C-27 Same a.c.-d.c. receiver referred to above, but with Garrard 78 r.p.m. motor, automatic stop and Crystal pickup. Code GEFGO. List \$179.90—YOUR COST \$89.95
For 220 a.c.-d.c. operation, either above models, add \$3.50

Model 921

Lafayette Phono-Radio Combination Cabinet, as illustrated. Highly finished, choice Burl Walnut front, with straight grained Walnut sides and hinged cover top. Speaker grille has contrasting darker shade. Overall dim: 30" long x 33½" high x 16¾". Instrument panel: 15½" x 29¼". Inside dim: 29¼" x 27¼" x 16". Wt. 75 lbs. Code CIJKU. List \$59.00—YOUR COST \$29.50

FEATURES: Open view of top showing control panel and automatic record changer.
RADIO RECEIVER: Incorporates Instantaneous Automatic Push-Button Tuning. Eight Push-Buttons are provided, six for most desired stations (set by Permeability Tuning), one for line switch and one for switching from Automatic to Manual Tuning. The 3-Tuning Bands are: 13-42, 40.5-129 and 174 to 550 meters. Bass Compensated Volume Control for increasing bass response at low volume level. Triple Automatic Volume Control for eliminating fading or blasting. Continuously Variable Tone Control to permit adjusting tone to individual's taste. Twin Cathode-Ray Tuning "Eye", to facilitate precise tuning on all bands. Illuminated Slide-Rule Tuning Dial. Garrard Automatic Record Changer for eight 10" or 12" records; will give 25 to 40 minutes of continuous Hi-Fidelity Record Reproduction; with Crystal Pickup and Automatic Record Rejector. Hi-Efficiency 12" Dynamic Speaker. 9 tubes in set are: 3-6D6's; 1-6K8G; 1-6A7; 1-6Q7G; 1-6F6G; 1-80; 1-6AF6G Twin-Eye Indicator.



Lafayette 9 TUBE PHONO-RADIO *Combination*

This handsome Real-Fidelity Phono-Radio Table Model Combination was especially designed for critical music enthusiasts in compact quarters. It has the full charm, efficiency and reproducing qualities of most larger combination models. Because of the world-famous Garrard high-fidelity phonograph which is included, you can enjoy the finest record reproduction when your favorite radio programs are not on the air. Words fail to describe the real beauty of the cabinet. Opposing grained Walnut veneers were matched and blended to produce an entrancing effect and finish. Contrast is produced by darker toned speaker grille; work and top and bottom moulding. A large "slide-rule" illuminated dial enhances the cabinet's appearance. A Hi-Efficiency 8" Dynamic Speaker is incorporated. Cabinet dim. are: 23" x 15" x 17¾" high.

Model C-28

Lafayette Table Model Phono-Radio Combination, with 9-Tube 110 Volt, 50/60 cycle a.c. Radio Receiver and Phono equipment as described. Has 8" Speaker. Shpg. wt. 68 lbs. Code GTUVW. **List \$129.90—YOUR COST \$64.95**
For 40-60 cycle, 115, 150, 220, 250 V. operation, add \$3.50

Model C-30

Phono-Radio Combination as described, but with 10-Tube 110 volt a.c. (50/60 cycles) or d.c. Receiver as described on page 14. Shpg. wt. 65 lbs. Code GWXYZ. List \$145.00. **YOUR COST \$72.50**
For 220 volt a.c.-d.c. operation, add \$3.50

Eight Push-Button Instantaneous Automatic Permeability Tuning, six for most desired stations, one for line switch and one for switching from Automatic to Manual Tuning. 9-Tube Modern Superhet with 3-Bands: 13-42, 40.5-129 and 174-550 meters. Triple Automatic Volume Control. Bass Compensated Volume Control. Continuously Variable Tone Control. Twin Cathode-Ray Tuning "Eye". Tubes used: 3-6D6's, 1-6K8G, 1-6A7, 1-6Q7G, 1-6F6G, 1-80, and 1-6AF6G tuning "eye". Unsurpassed record reproduction is obtained from the Garrard 78 r.p.m. Phono Motor and Crystal Pickup. Has 8" Dynamic Speaker.

AT A PRICE THAT
STUNNED THE
ENTIRE RADIO
WORLD!

79.95
COMPLETE
NOTHING ELSE TO BUY

Lafayette

FULLY
AUTOMATIC

PHONO-RADIO *Combination*
AUTOMATIC **RCA** RECORD-CHANGER
AUTOMATIC TUNING **7** TUBE RADIO

now you can have the world's greatest music...always

"SIC TRANSIT GLORIA MUNDI", which, literally translated, means "Here Today—Gone Tomorrow". And that is, literally too, what we mean—because never again will the radio public see such an outstanding radio value offered at the price quoted. Specially beautiful Combination Console Cabinet, RCA Automatic Record Changer for quality record reproduction, 3-Band Push-Button and Manual Tuning Radio Receiver, De-Luxe 12" Dynamic Speaker and the many other features listed below all make this the buy that happens once in a lifetime.

Masterpiece Cabinet—RCA Automatic Record Changer

The two-toned burl and straight-grained walnut cabinet is really a masterpiece in cabinetry. With pleasingly modern lines, high-polished finish, ample proportions and substantial construction—it is sure to add charm and distinction to any home that it may grace. Its large area grillework and sound chamber makes for acoustical perfection, and enhances the reproduction obtained from the large 12" dynamic speaker which is installed. The newest famous RCA Automatic Record Changer is included for high-quality record reproduction. This unit plays seven 12" or eight 10" mixed records automatically, or records of any size manually. Additional new feature in this unit is its top loading crystal pickup with automatic needle ejector and receptacle. The pickup arm is so positioned as to assure best tracking, proper needle pressure and minimum wear on records.

3-Band Push-Button and Manual Tuning Receiver

For radio reception, a hi-efficiency 3-band receiver is incorporated. Its up-to-date design allows either manual, or automatic instantaneous tuning of any six stations. This tuning system is a sturdy mechanical affair, simple and foolproof with nothing to go wrong or give trouble. A total of seven tubes are utilized to full efficiency, as follows: 1-6D6 as RF amp.; 1-6K8G as oscillator and converter; 1-6D6 as I.F. amp.; 1-6Q7G as 2nd. det., AVC and first audio; 42 as power stage; 80 as rectifier and 1-6U5 as tuning "eyes".



The three tuning ranges: 13.3-51.8, 48-136.25 and 174-552 meters. A 3-gang variable condenser and R.F. stage is employed on the broadcast band (only) to afford maximum sensitivity and selectivity on broadcast reception. Features: Triple AVC action, Tone Compensated Volume Control, and Continuously Variable Tone Control.

Model C-45

Automatic Phono-Radio Combination, as illustrated. With RCA Automatic Record Changer, 3-Band Push-Button and Manual Tuning Radio Receiver, 12" Dynamic Speaker, and tubes. Shpg. wt. 109 lbs. For 110 volts, 60 cycle, AC operation. Dim: 30 1/8" long, 32 1/4" high and 16 3/4" deep. Code GFGHL. **\$79.95**
List \$159.90—YOUR COST

Model C-18

Same as above, but less Record Changer; with Garrard 78 rpm phonomotor, 12" turntable and Crystal Pickup. **\$64.95**
Wt. 90 lbs. Code GH1JR. List \$130.00—YOUR COST

Model C-12

Same as Model C-45, but with Garrard Automatic Record Changer (described on page 70) instead of RCA unit. **\$94.50**
Wt. 115 lbs. Code GHJKW. List \$189.80. YOUR COST
For 220 volt operation of above models, Add **\$5.00**

AC-DC Model C-99

Same splendid Cabinet, but with 8-Tube 3-Band Push-Button Tuning AC-DC Receiver (described on page 9) and famous Garrard Automatic Record Changer (described on p. 70) also for AC-DC operation, plus 12" hi-efficiency speaker. Shpg. wt. 112 lbs. Code GJKLQ. **\$99.50**
YOUR COST
For 220 volts AC-DC, Add. \$5.00
Console Cabinet, Mod. 914
Cabinet only, as described and illustrated. Blank top panel. Wt. 69 lbs. Code CFGHK. List \$55.00
YOUR COST **\$27.50**



Magnificent Automatic

LEADERS IN LOOKS, THESE LAFAYETTES

Lafayette

TUBE AC 3 BAND SUPERHET WITH Automatic RECORD CHANGER AND TOUCH TUNING

- Fully Automatic Radio and Phonograph Reproduction
- Permeability Touch-Button Tuning
- 10 Watts of Perfect Electrical Reproduction on Radio or Phono
- Luxury Listening at its Finest
- Perfected Tone Expander Circuit
- Beautifully Grained Walnut Console Grand Cabinet

30 DAYS
in your home
at our risk

AN aristocrat in every sense of the word, this truly magnificent Lafayette A.C. Superheterodyne and Garrard Automatic Record Changer Combination well lives up to the Lafayette tradition of offering the world's finest musical reproducing instruments. Music lovers who appreciate and want the finest on the market can now own and enjoy just such an instrument in this superlative combination. Enjoy real luxury listening as you never have done before. Touch a button and your favorite program flows in clear as crystal, full-bodied in tone so that you almost believe the living artists are performing in your own home. And, if the air programs of the moment are not to your taste, you need only set the automatic record changer in operation to hear the music of your choice, perfectly reproduced, and uninterrupted for as long as forty minutes playing time. Yet, all this Lafayette offers you at a fraction of the expected cost.



Housed in a beautifully grained, satin finish two-tone walnut console that will enrich any surroundings Lafayette offers its finest 11-tube, 3-band a.c. Superheterodyne. Covering a tuning range of 13.7 to 568 meters in three overlapping bands, it offers the finest form of automatic touch-tuning known to radio science, namely, permeability touch tuning. Your station is perfectly tuned at each touch of any of six stations buttons. Wave-band changes are also made by push-buttons. Full technical details on page 15.

Tone quality of the highest order is provided by a full-field 12-inch hi-efficiency electro-dynamic speaker set in an acoustically perfect tone-chamber. The super-fine Garrard Automatic Record Changer unit included with this model is fully described on page 70.

MODEL BB-35

Lafayette 11-tube, 3-band A.C. Superheterodyne with Garrard Automatic Record Changer and Permeability Touch-Button Tuning, in duo-tone Walnut Console Cabinet. Complete with all tubes. For operation on 110-120 volts 50/60 cycles a.c. Size: 40½" high, 25½" wide, 17½" deep. Shpg. wt. 133 lbs. Code, BFGHO. List \$249.00.

\$124.50

YOUR COST.....

MODEL BB-48

Same as above, but with Garrard single speed, 78 r.p.m., motor and turntable, automatic stop and high-quality crystal pick-up in place of the Automatic Record Changer. For operation on 110-120 volts 50/60 cycles a.c. Wt. 115 lbs. Code, BGHIR. List \$199.00—YOUR COST.....

\$99.50

For operation on 220 volts, 40/60 cycles a.c. either model above, add.....

\$3.50

MODEL 922. Duo-tone Walnut console cabinet only for phono and radio combination. Inside dimensions: 39½" high, 24¼" wide, 16½" deep. Phono well 4½" deep. Shpg. wt. 76 lbs. Code, CKLMZ. List \$59.90—YOUR COST.....

\$29.95

COMPLETE WITH **\$124.50**
Automatic RECORD CHANGER

RCA & HAZELTINE LICENSED

Phono Radio Combinations

ARE EVEN MORE MAGNIFICENTLY ENGINEERED



15

TUBE AC 4 BAND SUPERHET WITH *Automatic* RECORD CHANGER AND TOUCH TUNING

FEAST your eyes upon the beauty of this extraordinary cabinet which contains the two finest electrical reproducing instruments it has ever been our good fortune to offer the music-lovers of the world. As beautiful to listen to as to see, it affords the ultimate in both radio and sound reproducing science. Lafayette supreme sets—the 15-tube, 4-band A.C. and 16-tube, 4-band A.C.-D.C. Superheterodynes—with Permeability Touch-Tuning are available in this cabinet in combination with the world's finest Automatic Record Changer—The Garrard. All this for little more than you would pay for a good radio—the greatest value Lafayette has ever presented.

15 Watts Undistorted Output
Providing the tremendous reserve output so essential for proper reproduction of full, rich basses, the modern cascade dual push-pull "beam-power" output circuit permits high output without distortion. Recordings and broadcast programs reach you with the full, vibrant, life-like quality of the living artists themselves.

12-Inch Symphonic Speaker
A full-field hi-efficiency 12-inch electro dynamic speaker in an acousti-tone chamber is used. Tone control and bass compensation provide you the glorious tone you've dreamed of.

4-Band All-World Coverage
Hear all the short-wave stations, right down to 13 meters, all standard American broadcasts and, in addition, continental long-wave broadcasts up to 2090 meters. Radio-frequency pre-amplifier stages on ALL bands insures extreme selectivity with interference at a negligible minimum. Complete details on the 15-tube A.C. receiver will be found on pages 16 and 17. Details on the 16-tube A.C.-D.C. receiver described on page 14.

Garrard Record Changer
Your recordings will take on new meaning and brilliance on the superior Garrard Automatic Record Changer. Plays eight 10" or 12" records without interruption. Fully described on page 70.

MODEL C-32
Lafayette 15-tube, 4-band, A.C. Superheterodyne with Automatic Touch Tuning and Garrard Automatic Record Player in diamond grain Walnut console cabinet, complete with all tubes. Size: 33¼" high, 36⅞" wide, 19¼" deep. For operation on 110-120 volts 50/60 cycles a.c. Shpg. wt. 192 lbs.
Code, GLMNY.
List Price \$319.00
\$159.50
YOUR COST.....

MODEL C-33 Similar to the model described at left but with Garrard Single Speed (78 r.p.m.) motor and turntable and hi-fidelity crystal pick-up. With all tubes. Wt. 177 lbs.
Code GRSTZ. List \$269.00.
\$134.50
YOUR COST.....
For operation of Models C-32 and C-33 on 117, 135, 150, 220 and 250 volts, 40/60 cycles a.c. add..... **\$5.00**

MODEL C-40 Lafayette 16-tube, 4-band AC-DC Superheterodyne with Automatic Touch Tuning and Garrard Automatic Record Changer combination in diamond-grain Walnut console cabinet. Complete with all tubes. For 110 volts d.c. or a.c. (50/60 cycles). Wt. 187 lbs. Code, GABCT.
List \$339.00. **\$169.50**
YOUR COST.....

MODEL C-42 As Model C-40 but with Garrard Single Speed (78 r.p.m.) motor and turntable and hi-fidelity crystal pick-up. For 110 volts d.c. or a.c. (50/60 cycles). Wt. 172 lbs. Code, GBCDO.
List \$284.00—YOUR COST. **\$142.00**
For 220 V., either above, add \$5.00.

MODEL 923 Diamond-grain Walnut console cabinet only. Inside dimensions: 32¼" x 33½" x 18¼". Panel size: 15¾" x 33½" wide. Shpg. wt. 125 lbs. Code, CLMNR.
List \$109.90—YOUR COST..... **\$54.95**

Lafayette ONE-BATTERY RADIOS THAT

Our 30 day free trial



4 TUBE 6 VOLT WITH SPECIAL TOUCH TUNING

IT'S easy to look at and easy on your pocketbook, yet this modern, powerful single battery superhet will provide reception equal in quality to similar all-electric receivers. You'll enjoy the use of this new Lafayette model, whether you use it on the farm, in a trailer or in your auto.

New Push-Button Tuning

In addition to the usual manual means of selecting stations, four push buttons are provided to permit automatic selection of any one of your four favorite stations merely by pressing a button. It's "easy as pie" and highly accurate. Takes only a few minutes to set the buttons, too, and settings can easily be changed any time you may desire.

Powerful Superhet Circuit

Four special low-drain tubes are used in the superhet circuit as follows: 6D8G converter, 6S7G i.f. amplifier, 6T7G detector, a.v.c. and audio, and 6G6G power amplifier. A matched permanent magnet type speaker (draws no current from the battery) provides clear tones with ample volume.

Tuning range covers the entire American broadcast band from 540 to 1740 kc (172-566 meters). "Thermometer" type dial.

Single Battery Operation: Only one 6-volt storage battery is required. A single charging will last for a long time, due to the low set drain.

Receiver is housed in a beautiful plastic cabinet (it's washable), and available in either Ivory or Walnut.

MODEL D-60 (Walnut)

Lafayette 4-Tube 6-Volt Push-Button battery superhet complete with tubes. In Walnut plastic case 11 $\frac{3}{4}$ x6 $\frac{3}{4}$ x6 $\frac{1}{2}$ ". Less storage battery. Shpg. wt. 15 lbs. Code WTUVY. List Price \$33.90. **YOUR COST.....\$16.95**

MODEL D-61 (Ivory)

Same as Model D-60, but in Ivory plastic case. Code WQRSW. **YOUR COST.....\$18.45**

RCA & HAZELTINE LICENSED

30 DAYS
in your home
at our risk

TOUCH TUNING



6 TUBE 6 VOLT 2 BAND SUPER

- Push-Button Tuning
- 13 Meter Coverage on the Short-Wave Band
- 6" P.M. Speaker
- Slide Rule Dial
- Full Range Tone Control

Like all true champions, this new Lafayette defies competition. You can scour the entire market without finding its equal in performance, in beauty, in economy of operation. And it provides you with several of the latest engineering innovations, including automatic push-button tuning.

Automatic 5-Station Selection

Tune manually by means of the selector knob on the panel, but tune AUTOMATICALLY by using the push-buttons. Any one of your five favorite stations can be brought in at the touch of a button—nothing could be more easy. Full instructions for setting the buttons are included; anyone can do it.

13-Meter Coverage

Two tuning bands cover from 540 to 1740 kc (172-566 meters) and from 6 to 23 mc (13-50 meters). The short wave band covers the popular European broadcasts, while the 540-1740 kc band brings in the standard American broadcast programs.

High Power Superhet

Six low-drain tubes are used in the superhet circuit as follows: 6D8G converter, 1D5GP i.f. amplifier, 6T7G detector, a.v.c. and audio, two 1H4G parallel drivers and 1J6G class B power output tube.

6" Permanent Magnet Speaker

High quality 6" PM speaker provides fine tone quality with ample volume. Slide-rule dial is easy to read; each band individually calibrated. Other features are: full range tone control, powerful automatic volume control, beautiful walnut veneer mantel cabinet with highly polished finish.

MODEL D-3

Lafayette 6-Tube 6-Volt 2-Band Battery superhet with tubes, less storage battery. Size: 17 $\frac{3}{8}$ x9 $\frac{7}{8}$ x8". Shpg. wt. 23 lbs. Code WUVVZ. List \$53.90. **YOUR COST.....\$26.95**

RCA & HAZELTINE LICENSED

For Listing Of Storage Batteries, Refer To Page 36

SET A NEW STANDARD

offer will convince you!

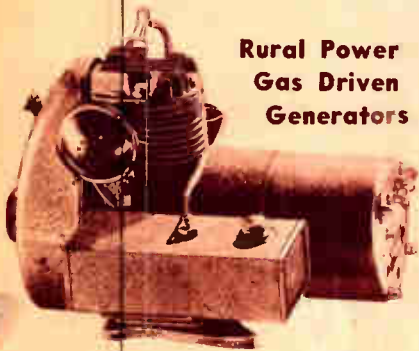
LET THE WIND give you **FREE ELECTRICITY**

**MOST ECONOMICAL
RADIO AND LIGHT
PLANT OPERATION**

Rural Power Windcharger

New HYTOWER "Skyscraper" model. Provides **FREE** power from the wind. Operates radio sets, appliances, etc. Easy to install, requires little attention, can be used in any climate and adjusts itself for any wind up to 70 m.p.h. Stands fully 10-feet high on its indestructible steel tower. Propeller is metal sheathed. Furnished complete, with instructions. Full description on page 73. Shpg. wt. 75 lbs.
K17224—Purchased **\$19.75**
Separately, EACH.....
See combination offer above.

Rural Power Gas Driven Generators

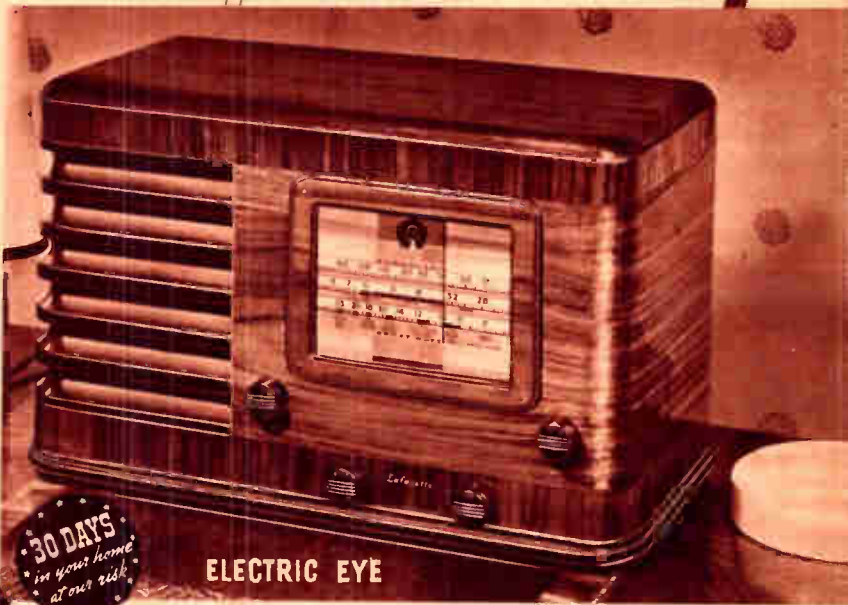


Designed especially for economical operation of radios and appliances on farms, in bungalows, trailers, boats, etc. Available for 6, 12 and 32 volt battery charging, as well as for belt-driven machines. The engine is a four cycle, air cooled type with suction carburetor, and is rated at 3/8 horse power. Has fly-ball governor, low tension ignition. Fuel tank capacity is 1-quart (runs five hours on a filling). Furnished with generator cutout, battery leads, clips, radio noise filter and instructions. Size: 16" long, 11" wide, 10" deep. Wt. 70 lbs.
K17239—Model C. For charging 6-volt batteries. 150 watts. Hand start. **\$32.50**
YOUR COST, COMPLETE.....
K17230—Model D. Charges 6 and 12-volt batteries. 150-250 watts. With Self Starter. YOUR COST, COMPLETE.....
K17232—For charging 32-v. batt. (250 watts)
K17233—For 32-v. lighting. 250 watts.
YOUR COST EACH.....
EITHER TYPE.....
MAZDA EDISON BASE 6-VOLT BULBS
K12255—5-watts (2.5 amps.) } **30¢** each
K12256—25-watts (4.2 amps.) }

**TAKE ADVANTAGE OF THIS
COMBINATION OFFER**

SAVE AN EXTRA \$2.25!

This special offer is available to each purchaser of a new 1939 Lafayette Battery radio. By purchasing a Hytower Windcharger at the same time you buy the Battery Radio, you are entitled to an extra saving amounting to \$2.25. The regular price of the Windcharger is \$19.75 (as shown in the listing at the left)—but when purchased in conjunction with a Lafayette Battery Radio, this machine costs you only \$17.50, a clear saving of \$2.25. Take advantage of the opportunity now—you'll never make a better buy!



30 DAYS
*in your home
at our risk*

ELECTRIC EYE

7 TUBE 6 VOLT 3 BAND SUPER

FOR real commercial power line operation that compares in every way with the finest 8 or 9 tube A.C. Superhet, Lafayette offers this perfect 7-tube, 3-band single 6-volt battery-operated receiver. No "B" or "C" batteries of any kind required and when used in conjunction with the Windcharger or gas driven generator listed on this page it will supply uninterrupted service comparable in every way to that of sets operating on commercial power lines. Has trouble-free noiseless type high-efficiency vibrator, assuring lower battery drain and longer life.

Three-Band Coverage

The short-wave bands from 13.3 to 136.25 meters which include all the important short wave stations of the world and the standard broadcast band from 174 to 552 meters are covered in three tuning ranges, as follows: 22.25 to 5.8 mc. (13.3-51.8 meters); 6.25 to 2.2 mc. (48-136.25 meters) and 1720 to 543 kc. (174-552 meters). An r.f. stage on the broadcast band insures a high degree of selectivity and sensitivity as well as tone quality of the highest order.

Hi-Efficiency P-M Speaker

A fine 6" P-M type dynamic speaker supplies ample volume for the average-sized home. A fully variable tone control permits full compensation for room acoustics and also any degree of quality to suit your own tastes.

Multi-Purpose Tubes

7 multi-purpose tubes are used in an advanced superhet circuit: 6S7G r.f. amp., 6K8G osc.-mixer; 6S7G i.f. amp.; 6T7G diode det., A.V.C., 1st a.f.; 6L5G audio driver; 6Z7G twin-triode Class B output and 6N5G tuning "eye". Other features include: Slide-Rule Dial; High Efficiency Filter System; Tuning "Eye"; Double-Shielded Power Supply and a handsome duo-tone Walnut mantel cabinet.

Model C-1

Lafayette 7-tube, 6-volt, 3-band Single Battery Superheterodyne, in Walnut Mantel Cabinet, complete with all tubes. Size: 11 1/4" high, 18 1/2" wide, 9 3/8" deep. Shpg. wt. 26 lbs. Code, GMNOP. List price \$59.90.
YOUR COST.....

\$29.95

RCA & HAZELTINE LICENSED



LAFAYETTE *Economy* FARM RADIOS

WORKS ON ONLY 1 BATTERY



4 TUBE 1 1/2 VOLT

THIS sterling little single battery receiver is styled in the modern manner, provided with Push-Button Tuning, and is capable of furnishing "all electric" results. It is unusually economical to operate and it covers the range from 540 to 1740 kc. (172-566 meters). **SUPERHET CIRCUIT** employs a 1A7G converter, 1N5G i.f. amp., 1K5G detector, a.v.c. and audio and a 1A5G power output tube. A matched dynamic speaker affords excellent quality. **PUSH BUTTONS** select any one of your four favorite stations in a jiffy. Manual tuning by means of a panel knob. Housed in beautiful, streamlined plastic case.

Model D-62 (Walnut)

Lafayette 4-Tube 1 1/2 Volt Push-Button Battery Set in Walnut plastic case, with tubes. Size: 11 3/4" x 6 3/4" x 6 1/2". Wt. 14 lbs. Code WOPQT. List \$27.90. **YOUR COST.....\$13.95**

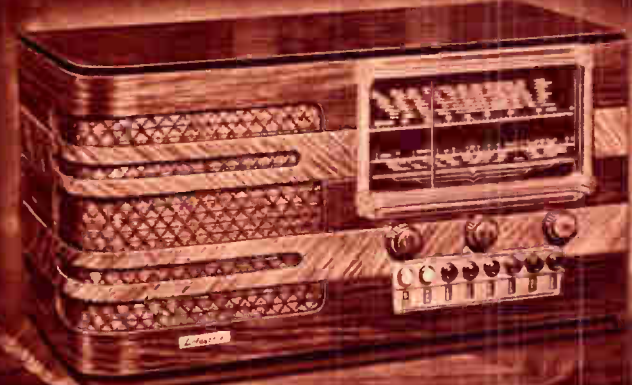
Model D-63 (Ivory)

Same as above, but in Ivory plastic case. With tubes. Code WRSTU. List \$30.90—**YOUR COST.....\$15.45**
Special 1 1/2-Volt Ray-O-Vac AB82 battery for use with either of the above models. Wt. 28 lbs. **YOUR COST.....\$4.24**

30 DAYS
in your home
at our risk

YOU CAN TAKE IT WITH YOU!

TWO-IN-ONE RADIO



WORKS FROM BATTERY OR POWER-LINE

6 TUBE 6V. or 110 V. AC

ACTUALLY TWO receivers in one! operates perfectly from any commercial 110 volt a.c. line or from a single 6-volt battery. You simply flip a convenient switch to convert from one type of current to the other. Utilizes the latest developments in straight A.C. radios, including **Permeability Touch-Button Tuning** on six stations. Covers the entire standard broadcast band from 1710 to 536 kc. (175 to 560 meters) and the 18.2 to 5.6 megacycle (16.5 to 54 meters) band, including the more important foreign and domestic Short Wave stations.

SIX DUAL PURPOSE TUBES give this fine receiver the power and quality of the usual 8-tube receiver. Tubes used are: 6D8G, 6L5G, 6T7G, 6S7G, 6G6G and 6ZY5G. A 6" **Permanent Magnet Dynamic Speaker** provides excellent quality on both types of current, reduces battery drain when operating on 6-volts. Housed in Handsome Walnut Case, with large Slide-Rule Dial.

Model EM-47

Lafayette 6-tube, 2-band, Two-in-One, single 6-volt battery—110 volts 50/60 cycles a.c., Superhet, complete with tubes. In Walnut mantel cabinet, size: 11 1/2" high, 18 1/2" wide, 9" deep. Shpg. wt. 26 lbs. Code, EABCO. List Price \$59.90. **YOUR COST.....\$29.95**

30 DAYS
in your home
at our risk

6 TUBE 32 V. SUPERHET

WITH this excellent performer, owners of 32-volt power systems are assured the same type of radio performance obtainable by those using commercial power lines as a source of current supply. No batteries of any type are necessary, and reproduction is entirely free. Upon examination of the features outlined below, you'll agree that no finer set of its type is available anywhere near the exceptionally low price quoted.

THREE TUNING BANDS, from 18 to 56.8, 60 to 176 and 175 to 555 meters cover all the popular European short wave stations as well as amateurs, police calls and hosts of other entertaining programs. Of course, the American broadcast band is fully covered.

MODERN SLIDE RULE DIAL is easily legible. Each band is individually calibrated. No-glare edge illumination.

POWERFUL SUPERHET CIRCUIT employs six tubes as follows: 6A7 osc. and 1st detector, 6D6 i.f. amp., 75 2nd det., A.V.C. and audio, 76 driver and two 48's in the final Class B push-pull stage.

POWERFUL DYNAMIC SPEAKER, full size, provides excellent tone quality. Other features: automatic volume control, tone control, beautiful mantel cabinet.

Model M-11

Lafayette 6-Tube, 3-Band 32-Volt Batteryless Superhet complete with tubes. Size: 18" x 11 1/2" x 8 1/2". Shpg. wt. 25 lbs. Code FBCKD. List \$49.90. **YOUR COST.....\$24.95**





Famous
AMERICAN BOSCH
BATTERY RADIOS
AT TREMENDOUS SAVINGS!

8 TUBE 2 VOLT
3 BAND SUPERHET

NO need now for the farm or rural dweller to envy city conveniences when it comes to radio reception! This famous American Bosch 2-Volt Farm Set will equal practically any electric receiver, in appearance, tuning range, reception and reproduction. In fact, it duplicates any modern AC or DC receiver in everything but the power supply. Yet, because of the many incorporated features, you will be surprised at the amazingly low price quoted.

Sensitive 3-Band Superhet—Class "B" Output Stage
 Eight modern, up-to-date 2-volt tubes are employed in a highly refined superheterodyne circuit. As a result, fine sensitivity and selectivity are obtained on each of the 3-tuning bands, which are: 167 to 555, 24 to 66.7 and 13.3 to 30.7 meters. All parts are impregnated and treated for tropical climates. The tubes used are: 1-1D5G, 1-1C7G, 1-1D5G, 1-1H6G, 2-1H4G, 1-1J6G push-pull Class "B" (2 watts) power output stage, and 1-NB8 ballast or regulator tube. Other features are: Tone Control Switch for "Bass" or "Normal" tone; Smooth Volume Control and Automatic Volume Control.

Economical Battery Operation—8" PM Speaker

This receiver may be operated from any of the following "A" supplies: 2-Volt Storage Cell, Air Cell, or 3-Volt "A" Pack. Other batteries required are: 3-45 V. "B" batteries and 1-7.5 V. "C" battery. By connecting a special Power Pack, listed below, this set may be entirely operated from a 6 volt storage battery. The receiver's low-current battery drain assures economical operation.

The modern, high-polished two-toned cabinet with its distinctive charm, large calibrated two-speed tuning dial and 8" PM Dynamic Speaker is sure to please the most critical. Size: 23 1/4" x 13 1/2" x 13 1/8"

MODEL 817

American Bosch 8-Tube 3-Band 2-Volt Receiver, as described with tubes and instructions, but less batteries. Shpg. wt. 38 lbs. Code DGHJ. Quantity Limited! List \$74.00

YOUR COST.....\$23.50
 Kit of Eveready "A" Pack, "B" and "C" Batteries, YOUR COST.....\$5.75
 As above, but Eveready Heavy-Duty Air-Cell instead of "A" Pack. YOUR COST.....\$8.85
 Power Pack to permit complete operation from 6-Volt Storage Battery. EACH.....\$7.95

\$23.50



5 TUBE 6 VOLT
2 BAND SUPER

YOU get the same fine American Bosch quality in this Modern 5-Tube, 2-Band 6-Volt Receiver. Every up-to-the-minute innovation has been included in its design; such as modern tubes, domestic or foreign short-wave broadcasts, fine tone, rugged construction, economical as well as versatile application. Not only is this splendid receiver adaptable for farm use, but also ideal for ships, trailers or wherever a 6-volt supply is convenient. You'll be surprised at its pep, tone quality and ease with which it brings in stations.

Sensitive Superhet Circuit—Tuning Indicator "Eye"

The latest, low-current heater tubes are employed in a highly efficient 2-band superheterodyne circuit, and all parts impregnated and treated for tropical climates. Sensitivity and selectivity are of sufficient magnitude to require only a very short aerial, 25 to 50 feet maximum. Tuning is simple and precise, and aided by the addition of a cathode-ray tuning "eye". An Automatic Volume Control Circuit is incorporated to minimize fading and blasting, and a quiet operating volume control and Tone Control Switch for "Music" or "Speech" permit regulating the volume or tone as desired. Tubes used are: 1-6D8G, 1-6S7G, 1-6T7G, 1-6K6G and 1-6N5 Tuning "Eye".

Built-in "B" Supply—6" PM Dynamic Speaker

No "B" or "C" batteries are required with this receiver. A built-in quiet operating vibrator type "B" supply makes only a 6-volt storage battery necessary to furnish all the power required. A large hi-efficiency 6" Permanent Magnet Dynamic Speaker assures perfect quality reproduction.

Large Handsome Walnut Cabinet—Illuminated Dial

A large highly polished Walnut cabinet makes this an impressive attractive receiver, as well as materially improving the acoustics and reproduction. Beautifully finished in two tones, with all controls symmetrically arranged. A large easy-to-tune illuminated dial makes tuning a real pleasure. Cabinet dimensions are: 18 3/4" x 8 1/2" x 17 3/4" high.

MODEL 818

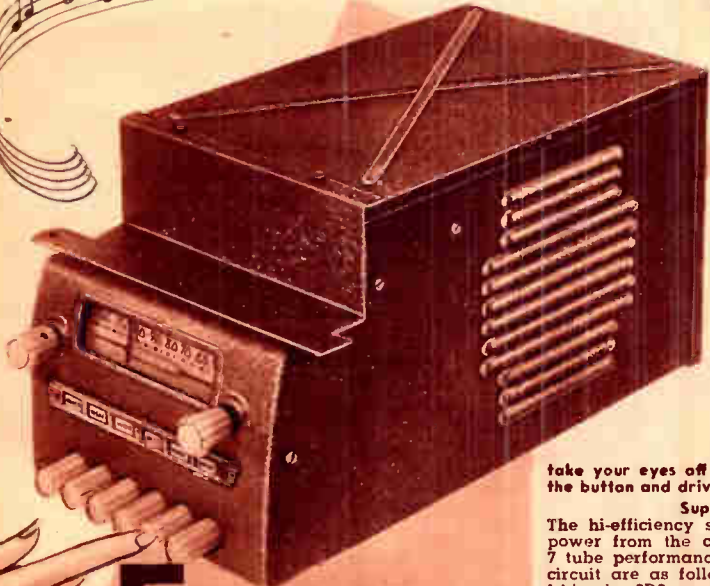
American Bosch, 2-Band 6-Volt Receiver, as described, with tubes. Wt. 30 lbs. Quantity Limited! Code DABCU. List \$50.75—YOUR COST.....**\$19.95**
 (See page 36 for listing of Storage Batteries)



\$19.95

Entertainment

LAFAYETTE 1939 AUTO



This new 1939 5-tube automobile set represents the biggest value in the history of auto sets! Features heretofore available only in models costing many times as much will be found in this set. It's more than amply selective and sensitive, and really economical on the car battery. Five tubes are employed to produce 7-tube efficiency, because of dual-purpose tubes used.

Push-Button Tuning Insures Safe Driving
Most phenomenal of all its features and rarely, if ever, found in an auto set of this price—is its Automatic Push-Button Tuning. With this arrangement you can very easily set the six different buttons, for your six favorite stations, and from then on select whichever station you desire most by simply pressing the requisite button. Hence, it is no longer necessary to

take your eyes off the road to tune-in your favorite station,—simply press the button and drive with safety. Call letter tabs and instructions supplied.

Superhet Circuit—Automatic Volume Control

The hi-efficiency superheterodyne circuit uses only 5 tubes to conserve power from the car battery, yet because of its tube lineup will give 7 tube performance. The all-glass type tubes and their functions in the circuit are as follows: 1-6A7, as oscillator and first-detector and mixer; 1-hi-gain 6D6 as I.F. amplifier; 1-6Q7G as second-detector, AVC and first audio stage; 1-41 as power audio stage, and 1-84 as rectifier. The automatic volume control circuit feature is incorporated to maintain a constant volume level, after setting the manual volume control.

Installation Features—No Spark Plug Suppressors

Because of the compactness and construction of this remarkable receiver, it will fit under the dash of most any automobile, despite congested equipment or bulky heaters. A large tuning dial with large clear lettering makes tuning easy. Thorough shielding and an elaborate filtering system incorporated within the circuit makes spark plug suppressors unnecessary in the majority of installations. Usually a distributor suppressor and generator condenser (furnished) are all that are necessary.

Model D-6

Lafayette 5-Tube Push-Button Auto Radio, Complete With Tubes and All Accessories and Full Instructions. Size: 7½" wide x 7" high x 13½". Shpg. wt. 16 lbs. Code WABCD. **\$15.95**
List \$31.90—YOUR COST

5 TUBE SUPERHET
\$15.95

TOUCH TUNING MODELS

5 TUBE SUPERHET

Here is another sensational value in a Push-Button Tuning 2-piece Auto set. Its separate 6" matched dynamic loudspeaker is housed in a similarly finished metal enclosure to provide better reproduction. The chassis of the receiver proper is thus considerably smaller, and hence designed to fit under the dash in a minimum of space.

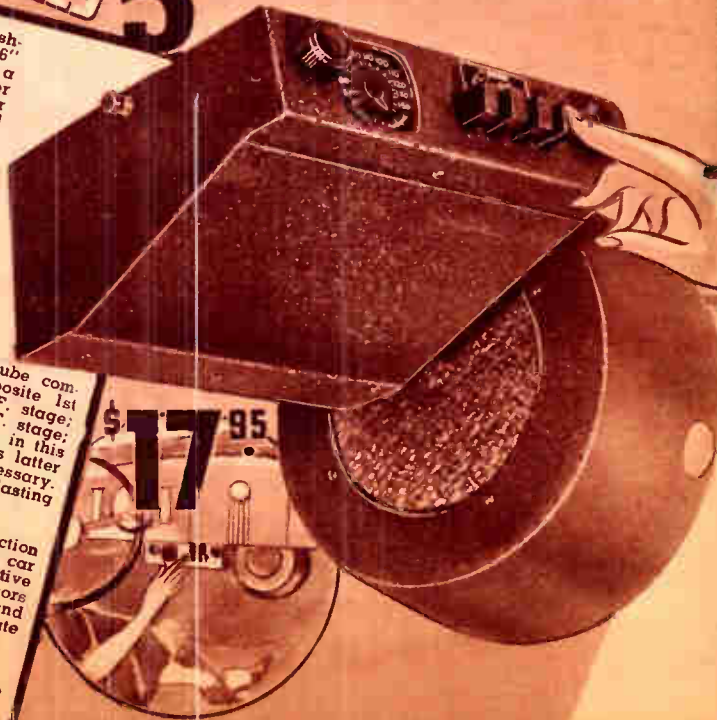
Automatic Push-Button Tuning
Four buttons are provided which, when set, will give instant tuning of your four favorite stations. Because of this feature, driving and tuning a radio can now be done with safety. Simply push a button, and there's your station. Full instructions for setting the station buttons are supplied with each model.

Superhet Circuit and Other Features
While only five tubes (four glass and one metal) are employed in a highly sensitive and selective superheterodyne circuit, 7 tube performance is obtained due to the use of dual purpose tubes. The tube complement of this receiver is as follows: 1-6A8 as composite 1st detector, mixer and oscillator; 1-6U7G as a high-gain I.F. stage; 1-6H6 as 2nd detector and A.V.C. stage; 1-6F5 as 1st A.F. stage; 1-6K6G power output stage. No rectifier tube is employed in this receiver, a synchronous vibrator being used instead. This latter unit is of the plug-in type for quick replacement when necessary. The automatic volume control circuit eliminates fading and blasting when receiving under poor conditions.

Installation and Other Features
Very simply and easily installed; the special compact construction of the receiver permits it to fit snugly under the dash of any car and hence leaves ample tire wall space for the speaker. Positive shielding and an efficient built-in filter circuit makes suppressors unnecessary, except perhaps for a distributor suppressor and generator condenser which are furnished. Designed to operate with either high capacity or low capacity types of antennas.

Model BB-9

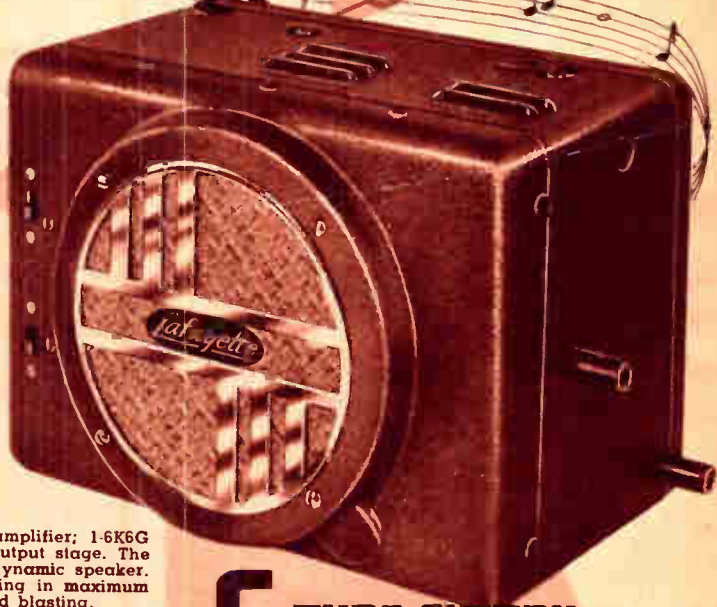
Lafayette 5-Tube Push-Button Tuning Auto Radio, with Separate Speaker and all tubes and accessories. With full instructions. Size: 9" wide x 10" deep x 4¼" high. Wt. 17 lbs. Code BCDEF. List \$35.90—YOUR COST. **\$17.95**



\$17.95

DE LUXE RADIOS

Rides with you!



Here is the finest 1939 custom-built car radio that money can buy, yet priced considerably lower than other makes with less features. Its superb construction, tone quality, volume, sensitivity and all the other essentials for fine car reception make it truly a De Luxe car radio. While it uses only 6-tubes, for car battery economy, nevertheless it is the equivalent in efficiency to 9 tubes, as a result of its superlative design. Examine the features outlined below—compare them with other makes—your choice is sure to be this De Luxe model.

Superhet's Circuit—Over 6 Watts Output

An advanced superheterodyne circuit with a three-gang variable condenser is employed, which results in maximum possible selectivity and sensitivity. The tubes and their application in this receiver, which results in 9-tube efficiency, are as follows: 1-6J7G—as combination oscillator, 1st detector and mixer; 2-6U7G's—one for R.F. and one for I.F. amplification; 1-6B8G—as combination 2nd detector, AVC stage and first audio amplifier; 1-6K6G as driver, and 1-6N7G as push-pull class "B" power output stage. The output stage delivers over 6 watts of power to a 6" dynamic speaker. An extremely effective AVC circuit is employed, resulting in maximum stability of station volume and elimination of fading and blasting.

Sensitivity and Tone Controls

A two-point sensitivity switch is provided on the outside of the chassis container. This enables adjustment for quiet reception on local stations, or full power on distant stations. The tone control is a two-point switch, also on the container, for either "Brilliant" or "Bass" reproduction.

Easy Installation—No Suppressors

One-hole mounting stud makes installation very simple. An improved filter circuit assures the elimination of practically all interference. A generator condenser and distributor suppressor only are required.

Model B-8

Lafayette 6-Tube De Luxe Auto Radio Receiver, complete with all tubes, generator condenser, distributor suppressor, drive cables and remote control foundation unit (less plate), hardware, etc. Size: 10½" x 8" x 7". Shpg. wt. 26 lbs. List \$56.90. Code BABCD.

\$28.45

YOUR COST

Tailor made control mounting kit \$1.00 additional. Be sure to specify make, model and year of car.

6 TUBE SUPERHET
\$28.45

6 TUBE SUPERHET



\$19.85

A fine performing, high-quality auto radio that has everything a good car set should have—power, good reproduction, high sensitivity and selectivity, etc. In addition, its modern construction results in car battery economy by making its 6 modern tubes function as 8 tubes. The price quoted for this excellent receiver is amazingly low, which is further assurance that you get more than your money's worth when you buy Lafayette.

Six Multi-Purpose Tubes—Advanced Superhet

A highly engineered superheterodyne circuit with six of the latest type multi-purpose tubes are employed. The tube complement which results in 8-tube efficiency from 6 tubes is: 1-6D6 as RF amplifier; 1-6A7 as combination 1st detector, mixer and oscillator; 1-6D6 as I.F. amplifier; 1-6Q7G as combination 2nd detector, AVC stage and first audio; 1-41 power output stage, and 1-024 rectifier. An unusually efficient automatic volume control circuit is provided for eliminating station fading and blasting and to maintain level volume.

Variable Tone Control

A continuously variable tone control is included on the outside of the chassis container. This permits either brilliant or bass reproduction, whichever the operator may prefer.

Built-in Filter—No Suppressors—Sensitivity Control and generator condenser. A sensitivity control enables adjustment for quiet reception on local stations or full power when tuning-in distant stations.

Model M-94

Lafayette 6-Tube Superhet Auto Radio, with all tubes, generator condenser, distributor suppressor, hardware, drive cables and remote control head. Less panel plate and knobs. Size: 10¼" x 8¾" x 7". List \$39.70. Shpg. wt. 24 lbs. Code MEZZO—YOUR COST

\$19.85

Tailor made control mounting kit \$1.00 additional. Be sure to specify make of car, year and model.

Modern Household Appliances

ZENITH 200A Cleaner (A)

A sturdy full size vacuum cleaner that is high in quality, performance and service but low in price. Has new dark grey crackle finish on nozzle and fan case. Smooth black handle and motor housing. Full size black dustbag, easily removable for emptying. Single rear wheel facilitates movement making cleaner light to push around. Dependable, powerful motor drives wood beater brush which gently agitates rugs, loosening the dirt. With long, approved cord and plug. Shpg. wt. 16 lbs. Operates on 110 volts a.c.

K25402—**\$17.95**
YOUR COST.....

ZENITH 230A Cleaner (E)

One of the finest vacuum cleaners in the Zenith line. Has a full 14-inch nozzle; a heavy metal covered, well bristled brush, an 8-blade steel fan and a 375 watt motor. Motor requires no oiling. Large metal covered single vibro brush is motor driven and is guaranteed to loosen all the dirt. Double rear wheel and toe tilting device make best adjustment for different rug piles simple. Light weight yet sturdy and capable of long years of service. For 110 volts, 50/60 cycles a.c.

Wt. 16 lbs.
K25403—**\$19.95**

ZENITH 24A Cleaner (B)

A really De Luxe Cleaner that has no peer at any price. Has features found only on models selling at double the price, such as: De Luxe Spoolite, with separate switch; Dust Seal Flap on spread top bag; Twin Vibro metal motor driven brush; over-size no leak bag; full chromium plated handle; heavy rubber bumper; twin rear wheels. Extremely light and simple to operate; keeps your rugs like new. For 110 volts, 50/60 cycles a.c. Shpg. wt. 16 lbs.

K25404—**\$23.95**
Each.....

ZENITH 47 Cleaner (C)

The famous Zenith Handette suction model hand type vacuum cleaner with an exceptionally powerful suction motor. Has plenty of snap and pick-up. Excellent for clothing, drapes, upholstery, autos, etc. Bag, switch and handle are conveniently located for easy handling. Has oilless motor and approved cord and plug. For 110 volts, 50/60 cycles a.c. Shpg. wt. 10 lbs.

K25405—**\$7.75**
YOUR COST.....

ZENITH 45 Cleaner (D)

The finest hand type vacuum cleaner on the market. Has a motor driven brush that will actually remove hair and lint from clothing. Actually an electric whiskbroom. Has powerful yet light motor. Will give years of service. For use on drapes, clothing, upholstery, etc. Finished in gleaming chromium plate with ample leak-proof dust bag, easily removable for cleaning. Has underwriter's approved cord and plug. For 110 volts, 50/60 cycles a.c. Wt. 10 lbs.

K25406—Each.....**\$10.95**

Sprayer & Blower (G)

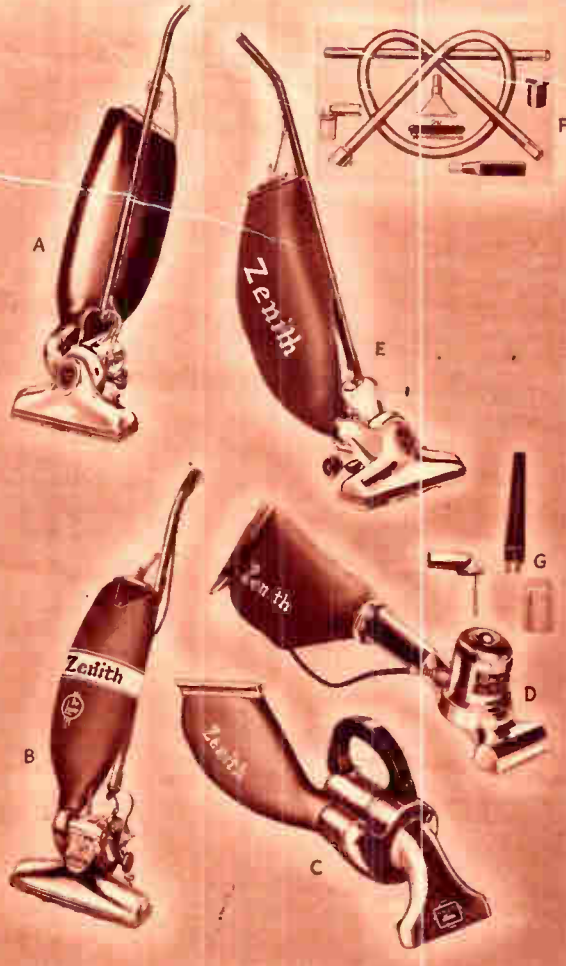
For use on hand vacuum cleaners above. Consists of long thin-nozzed nozzle for blowing dust and dirt. Attached and removed easily. Sprayer consists of liquid container and special fine-spray nozzle. Container holds insecticide, moth-proofing chemicals, etc.; blows fine spray into closets, clothing and rooms.

K25407—YOUR COST.....**98¢**

Attachment Set (F)

For use with large vacuum cleaners described at left. Consists of long extension tube, flexible extension tube, thin-nozzed blower, sprayer and liquid container, nozzle and connector and strong-haired brush. Wt. 5 lbs.

K25408—**\$4.95**
YOUR COST.....



"CORONA" Electric Kitchen Clock (left)

The thoroughly modernized kitchen of today deserves this fine electric wall clock. Gives instant numeral time. For use on 110 volts, 50/60 cycles a.c. only. 7"x4 1/4"x3".

Wt. 4 lbs.
K25391—Green finish. } **\$3.95** each
K25392—Ivory finish. }
In lots of three, YOUR COST each..... **\$3.75**

"CHIEFTAIN" Executive Electric Clock

A beautifully modern electric clock styled for the desk or the home. Housed in a striking case of molded mottled walnut plastic. Instant reading dial and large, handsome numerals indicating hour, minute and second. For 110 volts 50/60 cycles a.c. only. 7 3/4"x4"x4" deep. Shpg. wt. 5 lbs.

K25388—YOUR COST.....**\$3.22**
In lots of three, YOUR COST each..... **\$2.97**

VIDRIO ElectroMix Mixer

Designed as a combination mixer and whipper in one unit. Detachable, stainless beater cleans instantly and easily. Modern design glass container holds more than one pint. Motor operates on 110 volts, 60 cycles a.c. only. Has ample-grip handle through which passes approved cord and plug.

K25055—YOUR COST.....**\$1.19**
K25187—Similar to above, but has metal grip handle..... **\$1.05**

CORY Fine Coffee Brewer

Brew 8 cups of coffee with full, rich coffee flavor. Also fine for tea. Has 2-heat electric unit for 110 volts a.c. or d.c., patented Funnel holder, hinged-on decanter cover, pouring lip. Special heat resisting glass, black finger-grip handle, chrome base. Has approved cord and plug set. List \$5.95. Wt. 6 lbs.

K25188—YOUR COST each.....**\$4.25**
In lots of three, YOUR COST each..... **\$3.98**
K25400—Similar to above, but gas heating model..... **\$2.40**

Glass Rod Filter, for use in any coffee brewer. Replaces metal filters and makes coffee untouched by any metal.
K25401—YOUR COST each..... **35¢**



General Electric HOME APPLIANCES

G.E. Automatic Toaster Set (A)

The General Electric Toaster Set is styled and patterned to make full use of the beautiful new Automatic Toaster. The attractive new Rainbow Pottery Service and extra large walnut-finish tray augment the natural pride of owning and using the G.E. Toaster. The complete set consists of the Automatic Toaster and the vari-colored pottery service, Stanglware's Rainbow pattern, comprising four cups and saucers, four service plates, and sugar and creamer. The ample size tray, 18 by 30 inches, is constructed of five-ply walnut finished wood, non-staining and highly useful. The toaster toasts two slices of bread, both sides at once, to any pre-selected degree of brownness desired. When toast is finished the rack rises automatically as toaster shuts off. Entirely finished in durable, gleaming Chromeplate with black Textolite base and control knobs. Long-life nickel-chromium heating unit, mica insulated. Has 6-ft. cord and rubber plug. For 110 volts a.c. or d.c.

K25397—G.E. Toaster Set, complete. Wt. 22 lbs. \$17.80
YOUR COST.....

K25398—G.E. Automatic Toaster only. Wt. 7 lbs. \$11.98
YOUR COST.....

G.E. Tidy Cleaner (C)

This modern, handy cleaner gets at those hard-to-get-at places with ease, and it does a remarkable cleaning job. Ideal for cleaning upholstery, drapes, everything from floor to ceiling. And it moth-proofs too. The powerful G.E. motor provides greater cleaning ability than many of the floor model cleaners on the market, yet it is extremely light weight and compact. Balanced handle is easy to grip. Other features include: dust proof bag; sweep action brush; toggle switch—finger tip control; long approved rubber cord and plug. Accessories include: blower, extension tools; de-mothing equipment (Dichloride crystals). 10x5x7". For 110 volts, d.c. or a.c. (25/60 cycles). **K25038— \$14.10**
YOUR COST.....



G.E. "Hotpoint" Juicer and Mixer (B)

This efficient household aid mixes, beats, whips, extracts juices and does many other jobs neatly, quickly and without waste. The portable mixing unit can be used on its base, or removed from it for use at the stove, sink, etc. Powered by the latest type G.E. motor that needs no attention. Motor speed variable in three steps; convenient switch adjacent to streamlined handle. Motor and base finished in stain proof cream enamel with green trim. Standard equipment includes: portable mixer unit; mixer base; double beater; large and small Glas-bake bowls; rubber spatula; JUICE-O-MAT automatic juicer (consists of juice bowl, with adjustable spout; centrifugal strainer; pressure lever and oil dropper). With all-rubber cord and plug. Wt. 25 lbs. A.C.-D.C. List \$24.95.

K25029— \$18.70
YOUR COST.....

Same as above, but without the Juice-O-Mat unit. Wt. 18 lbs. List \$21.00.

K25354— \$15.75
YOUR COST.....

Accessories for the mixers available. Write for details.

G.E. AV-1 Vacuum Cleaner (D)

Gets all the dirt and is not tiring to operate. Powerful motor driven brush brings all deep-lying dirt to the surface, while combing and refreshing the rug pile. Front and rear wheels for ease of movement. The air-cooled motor requires no oiling. Has a conveniently located adjustment screw for correct nozzle height. Rubber bumpers at base prevent damage to furniture. Non-tiring pistol grip handle contains a trigger switch. All metal parts of highly polished aluminum. Dust proof, easy cleaning, dust bag. Comes complete with long, non-twisting rubber cord and moulded plug. Operates on 110-120 volts d.c. or a.c. (25-60 cycles). Fully guaranteed by G.E. for one year. Shpg. wt. 20 lbs. **\$24.95**
K25039—Each.....

General Electric A-C-Matic Iron



A 6-lb. iron equipped with famous Calrod element. Large heat storage capacity and thermal automatic switch, effect great savings in current consumption. Has large red thumb rest; double button nook; heel stand. Finished in gleaming chrome plate. Approved cord and plug for 110-120 volts, 25/60 cycles a.c. **\$4.10**
K25043—YOUR COST.....



INGERSOLL Electric Shaver

An expensive shaver in everything but price. Made by makers of Ingersoll precision watches. Gives a clean, smooth, rapid shave. No sharp point or teeth or open clips. Has a stimulating massage effect at it glides smoothly over the skin. Special "Oilite" bearings eliminate need of oiling motor. Permanently attached cord. Cased in sturdy, attractive black moulded case. Operates on either d.c. or a.c. (25/60 cycles). Complete with flannel carrying bag with cord and underwriter's approved plug. Shipped postpaid in U.S.A. **\$7.50**
K25399—YOUR COST.....
Dealers Cost, in lots of 2 or more, **\$5.51**
Each.....



Genuine ROLLS Razor

The world's finest safety type razor with the one blade that really lasts a lifetime. And there is the tremendous convenience of always having a keen blade. Blade is hollow ground and made of the finest Sheffield steel. Actually like a section of a barber's straight edge, but with the convenience and safety of the finest safety razor. A few strokes on the fine leather stropper prepares the blade for a perfect shave. Occasional honing keeps the blade at the degree of keenness you find most usable. Contained in a compact nickled case with hone and strop built-in. Light in weight and easy to use. Shpg. wt. 2 lbs. Imperial No. 2 model. **\$6.95**
K18150—YOUR COST.....

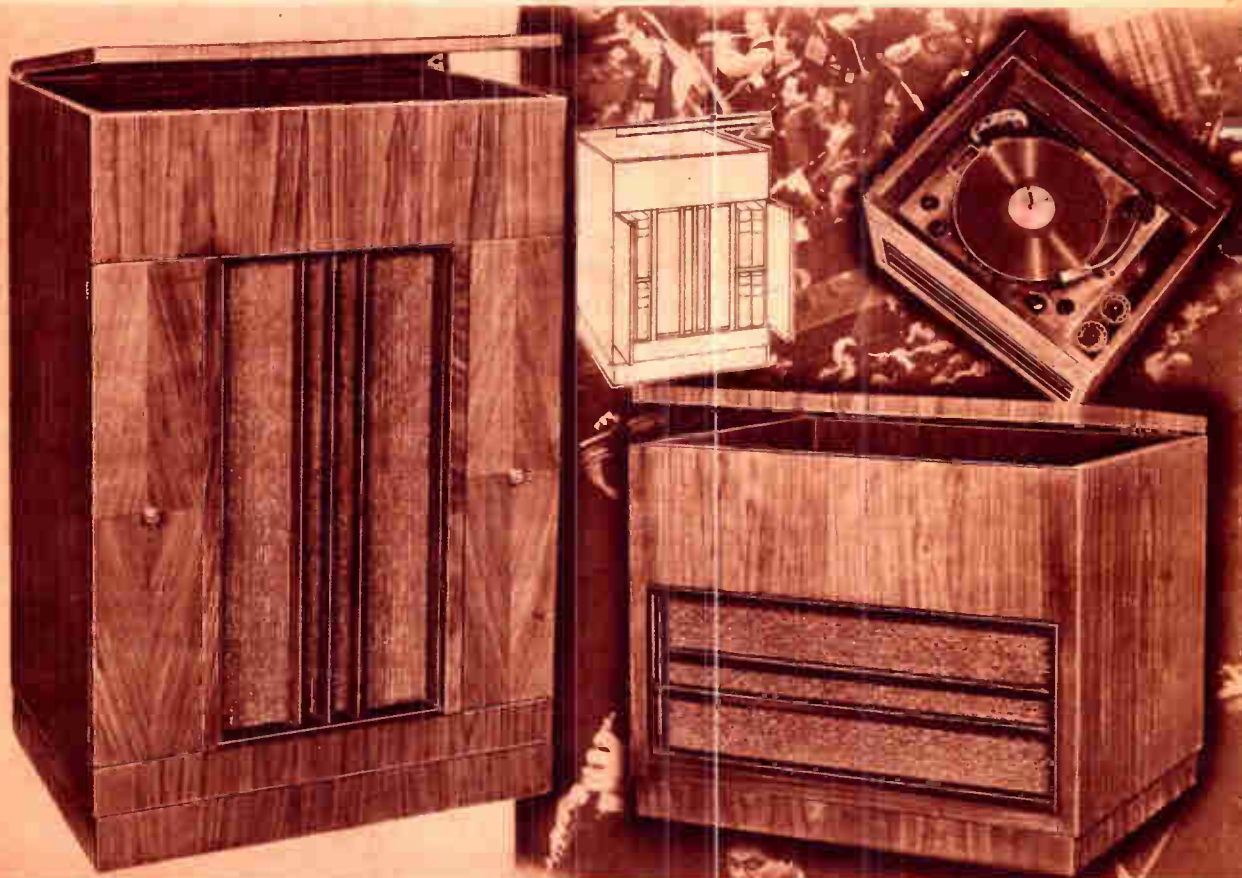


CLIPSHAVE Electric Razor

An exceptional quality electric dry shaver offered at an amazingly low price. Clips the toughest beard at the skin line with no harm to the most tender skin. Used by many women on arms and legs with no harmful effect. Has safe, trouble-free head and motor. Can be operated from any 110 volt outlet a.c. or d.c. Consumes a negligible amount of current. Motor and shaving head mechanism completely contained in attractive moulded case. Provided with underwriter's approved cord and plug; cord permanently attached to shaver. Leatherette carrying case furnished. Quantity limited! Shpg. wt. 2 lbs. **\$4.95**
K25107—YOUR COST.....

WORLD'S FINEST ELECTRIC RECORD-PLAYERS

HIGH-FIDELITY • FULLY AUTOMATIC



Marvelously life-like tone • Prove it in your own home

HIGH-FIDELITY CONSOLE

"Perfection in musical reproduction!" That's what you will exclaim when you hear this world's finest reproducing instrument. And it is essentially that, since it was especially engineered and constructed for one thing only—High Fidelity Record Reproduction. Only the finest, high-fidelity amplifier that Lafayette engineers could design was incorporated in an acoustically perfect cabinet.

GARRARD Automatic Record Changer

Internationally known and popular record changer. Plays eight 10" or 12" records automatically, resulting in approximately 40 minutes of uninterrupted entertainment. A high-fidelity Piezo Crystal Pick-up with tangent arm insures further perfect record playing.

Automatic Volume Expansion—"Beam-Power" Tubes

To assure full life-like reproduction, even on crescendo passages where the volume is compressed in recording, an automatic volume expander circuit is used. Other amplifier features are: 15 watts of power output from a Class A Push-Pull Beam Power stage; velvet-smooth volume control and an ultra-wide range tone control. The tube complement is: 1-6L7, 1-6C8G, 1-6N7, 2-6L6G's and a 5V4G.

Symphonic Speaker—Cathedral Tone Chamber

An exceedingly attractive walnut cabinet of matched grain veneer, 13/16" thick and hand-rubbed finish, with an acoustically treated tone chamber that houses a 12" Symphonic speaker are all employed to perfectly match the audio system and record changer. Four album shelves are in the cabinet: 4 7/8 x 12 3/4 x 16 1/2" each.

MODEL 392-T

Lafayette High-Fidelity Phono-Reproducer, complete as described above and with tubes. For 110 volts 50/60 cycles A.C. Size: 40 1/4" H., 27 1/4" W., 17 3/4" D. Code, SDEFG. Shpg. wt. 120 lbs. **\$127.95**
List \$255.90. YOUR COST.....

MODEL 391-T

As above, less Record Changer, with excellent 78 r.p.m. A.C. motor, 12" turntable, automatic stop, speed control and high-fidelity crystal pickup. Code SCDEF. Wt. 100 lbs. **\$96.75**
List \$193.50. YOUR COST.....
For 220 volt operation, either above models, add.....\$1.95

DUAL-SPEAKER TABLE MODEL

Specifically designed for flawless record reproduction in compact quarters, this Table Model High-Fidelity Phono-Reproducer incorporates every desirable feature included in the larger model described above. The same matchless Garrard Automatic Record Changer, with its high-fidelity Piezo Crystal Pick-up with tangent arm are employed. Eight 10" or 12" records may be played automatically, to provide approximately 40 minutes of entertainment.

Two 6" PM Dynamic Speakers—Improved

Sound Distribution

To compensate for the smaller dimensions of the table model cabinet, two 6" PM Dynamic Speakers are employed and arranged so that perfect tone blending and improved sound distribution are attained. In effect, because of this design, the results obtained are equivalent to that from a large 12" speaker with a large baffle area. A modern audio amplifier of advanced design with 5 watts of undistorted output is utilized. This power is considerably more than that required for even average quarters. A velvet-smooth volume control and ultra-wide range tone control are included, the latter to permit adjustment for all acoustical conditions. The following modern tubes are employed in the amplifier: 1-6N6, 1-6J7 and a 5V4G rectifier. The cabinet is constructed of American walnut veneer and of very pleasing appearance, with solid walnut speaker grille crossbars fronting an acoustic tone chamber.

MODEL 390-T

Lafayette Dual-Speaker High-Fidelity A.C. Phono-Reproducer with Garrard Automatic Record Changer, complete with all tubes. For 110 volts 50/60 cycles A.C. Size: 17 1/4" high, 20 7/8" wide, 16 1/2" deep. Code, SEDGE. Shpg. wt. 80 lbs. List Price \$169.00. **\$84.50**
YOUR COST.....

MODEL 389-T

Same as above, less record-changer, but with excellent 78 r.p.m. A.C. motor, 12" turntable, automatic stop, speed control and high-fidelity Piezo Crystal Pick-up. Code, SABCD. Shpg. wt. 80 lbs. List Price \$105.00. **\$52.50**
YOUR COST.....
For 220 volt operation, for either above models, add.....\$1.85



RADIOTRON

RADIO TUBES



50% DISCOUNT TO DEALERS AND SERVICEMEN

You can make bigger profits on RCA Radiotrons by purchasing in quantities. We will permit you to take a discount of 50% FROM LIST PRICE

on all purchases of 25 or more tubes (may be assorted). Thus, if a tube LISTS for \$1.00, it costs you only 50c. (In lots of 25 or more.)

SIX MONTHS GUARANTEE

RCA Radiotrons are guaranteed to give efficient, satisfactory service for a period of 6-months from date of purchase. Burned out tubes and broken tubes are not replaceable.

SPECIAL OFFERS!

New RCA Pencil



A special, automatic "Resistor Guide" pencil that will save you time and trouble. Just rotate colored bands to correspond with your unknown resistor, and presto! you know the value. K21913—
Your Cost.....\$1.45

FREE with purchases totalling 50 RCA Radiotrons.

Imprinted Tube Stickers



A handy way of recording the condition of your customers' tubes. For glass and metal tubes. Will not char

on metal tubes. In rolls of 1000. K21915—
Your Cost.....\$1.00

FREE with 100 Radiotrons.

Spare Tube Clips



Available to hold 1 or 2 spare tubes. Helps sell "extras." Single or Double (Specify)

FREE With every purchase of RCA Radiotrons.

O.K. Tags



A handy way to keep track of repair work. Have lines for different operations to be performed and date.

FREE with every purchase of RCA Radiotrons.

Price Tags

Convenient method of pricing sets and accessories.

FREE with purchase of RCA Radiotrons.

RADIOTRON GLASS TYPE TUBES

Type No.	List Price	Dir's. Cost	Type No.	List Price	Dir's. Cost	Type No.	List Price	Dir's. Cost
00-A	\$2.25	\$1.22	10	\$2.75	\$1.49	47	\$1.50	\$0.81
01-A	.80	.43	12A7	2.25	1.22	48	4.00	2.16
1A4	1.75	.95	12Z3	1.35	.73	49	1.25	.68
1A6	1.75	.95	15	2.25	1.22	50	2.50	1.35
1B4	2.25	1.22	19	1.35	.73	53	2.00	1.08
1B5/25S	1.25	.68	20	2.25	1.22	55	1.50	.81
1C6	1.75	.95	22	2.00	1.08	56	.80	.43
1F4	1.50	.81	24A	1.10	.59	57	1.25	.68
1F6	2.25	1.22	25Z5	1.25	.68	58	1.25	.68
1-V	1.10	.59	26	.80	.43	59	2.00	1.08
2A3	2.50	1.35	27	.80	.43	71-A	1.00	.54
2A5	1.25	.68	30	1.00	.54	75	1.10	.59
2A6	1.25	.68	31	1.00	.54	76	.80	.43
2A7	1.50	.81	32	1.75	.95	77	1.35	.73
2B7	1.60	.86	33	1.35	.73	78	1.25	.68
5Z3	1.10	.59	34	1.75	.95	79	1.50	.81
6A4/LA	1.50	.81	35	1.10	.59	80	.80	.43
6A6	1.60	.86	36	1.10	.59	81	2.25	1.22
6A7	1.50	.81	37	1.10	.59	82	1.50	.81
6B7	1.50	.81	38	1.25	.68	83	1.60	.86
6C6	1.25	.68	39/44	1.25	.68	83-V	2.25	1.22
6D6	1.25	.68	40	1.00	.54	84/6Z4	1.60	.86
6E5	1.50	.81	41	1.10	.59	85	1.25	.68
6F7	2.00	1.08	42	1.25	.68	89	1.50	.81
6G5	1.50	.81	43	1.50	.81	X99	1.50	.81
6N5	1.75	.95	45	1.00	.54	112-A	1.00	.54
6U5	1.50	.81	46	1.50	.81	874	4.00	2.75

RADIOTRON ALL-METAL TUBES

5T4	\$2.50	\$1.35	6H6	\$1.25	\$0.68	6N7	\$1.75	\$0.95
5W4	1.00	.54	6J5	1.50	.81	6Q7	1.50	.81
5Z4	2.00	1.08	6J7	1.50	.81	6R7	1.50	.81
6A8	1.50	.81	6K7	1.50	.81	6V6	1.75	.95
6B8	1.75	.95	6K8	1.75	.95	6X5	1.50	.81
6C5	1.25	.68	6L6	2.25	1.22	25A6	1.50	.81
6F5	1.25	.68	6L7	1.75	.95	25L6	2.25	1.22
6F6	1.50	.81	6N5	1.75	.95	25Z6	1.50	.81

RADIOTRON G-SERIES OCTAL BASE

0A4G	\$2.25	\$1.22	6AC5G	\$1.10	\$0.59	6L7G	\$1.75	\$0.95
1C7G	2.25	1.22	6B8G	1.75	.95	6N7G	1.75	.95
1D5G	2.25	1.22	6C5G	1.25	.68	6Q7G	1.50	.81
1D7G	1.75	.95	6C8G	1.50	.81	6R7G	1.50	.81
1E5G	2.25	1.22	6D8G	2.25	1.22	6S7G	2.25	1.22
1E7G	2.75	1.49	6F5G	1.25	.68	6T7G	2.25	1.22
1F5G	2.25	1.22	6F6G	1.50	.81	6U7G	1.50	.81
1F7G	2.25	1.22	6F8G	1.50	.81	6V6G	1.75	.95
1G5G	2.00	1.08	6G6G	2.25	1.22	6X5G	1.75	.95
1H4G	1.00	.54	6H6G	1.25	.68	6Y6G	2.25	1.22
1H6G	1.75	.95	6J5G	1.50	.81	6Z7G	1.75	.95
1J6G	1.50	.81	6J7G	1.50	.81	6ZY5G	1.50	.81
5U4G	1.50	.81	6K5G	1.50	.81	25A6G	1.50	.81
5V4G	2.50	1.35	6K6G	1.50	.81	25A7G	2.25	1.22
5Y3G	1.00	.54	6K7G	1.50	.81	25B6G	1.75	.95
5Y4G	1.00	.54	6L5G	2.25	1.22	25L6G	2.25	1.22
6A8G	1.50	.81	6L6G	2.50	1.35	25Z6G	1.50	.81

FACTORY SEALED CARTONS

Lafayette

RADIO TUBES

Quality at Economy Prices



10% additional discount

On all purchases of 25 or more Lafayette receiving tubes, an additional discount of 10% from the net prices shown below will be allowed. Servicemen and dealers will find it profitable to take advantage of this saving.

six months guarantee...

Lafayette receiving tubes are guaranteed for a period of six months from date of purchase (burnouts and broken glass not replaceable). This is the most liberal guarantee made by any tube manufacturer—assurance of perfection.

LAFAYETTE GLASS TUBES

Type	List	Net	Type	List	Net	Type	List	Net
01A	\$0.80	\$0.29	6N5	\$1.75	\$0.79	47	\$1.50	\$0.53
1A4	1.75	.75	6U5	1.50	.68	48	4.00	1.40
1A6	1.75	.68	10	2.75	1.18	49	1.25	.53
1B4	2.25	.80	12A5	2.25	.69	50	2.50	1.25
1B5	1.25	.57	12A7	2.25	.69	53	2.00	.63
25S			12Z3	1.35	.48	55	1.50	.55
1C6	1.75	.64	19	1.35	.52	56	.80	.33
1F4	1.50	.62	24A	1.10	.43	57	1.25	.48
1F6	2.25	.88	25B5		1.18	58	1.25	.48
1V	1.10	.44	25Z5	1.25	.45	59	2.00	.72
2A3	2.50	.89	26	.80	.29	71A	1.00	.30
2A5	1.25	.48	27	.80	.29	75	1.10	.45
2A6	1.25	.52	30	1.00	.33	76	.80	.34
2A7	1.50	.63	31	1.00	.32	77	1.35	.54
2B6		1.25	32	1.75	.70	78	1.25	.48
2B7	1.60	.64	33	1.35	.55	79	1.50	.63
5Z3	1.10	.42	34	1.75	.68	80	.80	.29
6A4	1.50	.62	35	1.10	.47	81	2.25	.98
LA			36	1.10	.45	82	1.50	.45
6A6	1.60	.65	37	1.00	.38	83	1.60	.48
6A7	1.50	.45	38	1.25	.48	83V	2.25	.69
6B5		1.18	39	1.25	.50	84	1.25	.54
6B7	1.50	.63	44					
6C6	1.25	.45	40	1.00	.38	85	1.25	.49
6D6	1.25	.45	41	1.10	.44	89	1.50	.54
6E5	1.50	.62	42	1.25	.45	V99	1.50	.63
6E6			43	1.50	.45	X99	1.50	.63
6F7	2.00	.78	45	1.00	.29	112A	1.00	.38
6G5	1.50	.68	46	1.50	.53	183	2.00	.90
						485	2.00	.90

LAFAYETTE G-SERIES TUBES

Type	List	Net	Type	List	Net	Type	List	Net
1C7G	\$2.25	\$0.90	6AC5G	\$1.10	\$0.44	6L7G	\$1.75	\$0.70
1D5G	2.25	.90	6B8G	1.75	.70	6N7G	1.75	.70
1D7G	1.75	.70	6C5G	1.25	.50	6Q7G	1.35	.54
1E5G	2.25	.90	6C8G	1.50	.68	6R7G	1.35	.54
1E7G	2.75	1.10	6D8G	2.25	.90	6S7G	2.25	.90
1F5G	2.25	.90	6F5G	1.25	.50	6T7G	2.25	.90
1F7G	2.25	.90	6F6G	1.35	.54	6U7G	1.35	.60
1G5G	2.00	.80	6F8G	1.50	.68	6V6G	1.75	.70
1H4G	1.00	.40	6G6G	2.25	1.00	6X5G	1.60	.64
1H6G	1.75	.70	6H6G	1.25	.50	6Y6G	2.25	1.00
1J6G	1.35	.54	6J5G	1.35	.54	6Z7G	1.75	.80
5U4G	1.50	.60	6J7G	1.50	.60	6ZY5G	1.50	.68
5V4G	2.35	.94	6K5G	1.35	.54	25A6G	1.50	.60
5X4G	1.50	.60	6K6G	1.35	.54	25A7G	2.25	.90
5Y3G	1.00	.40	6K7G	1.35	.54	25B6G	1.75	.70
5Y4G	1.00	.40	6L5G	2.25	.90	25L6G	2.25	.90
6A8G	1.50	.60	6L6G	2.50	1.00	25Z6G	1.50	.60

NEW SPECIAL "DWARF" TUBES

Newly designed, highly efficient tubes that are ultra-compact. "Dwarf" size makes them suitable for portable equipment. Types marked with asterisk (*) equipped with shields making contact with metal base which is grounded to No. 1 pin.

Type No.	Replaces All-Metal Type	Replaces G-Series Type	List Price	Net Each
6AC5GT		6AC5G	\$1.25	\$0.55
6A8GT*	6A8	6A8G	1.50	.65
6C5GT*	6C5	6C5G	1.25	.65
6F5GT*	6F5	6F5G	1.25	.55
6H6GT*	6H6	6H6G	1.25	.55
6J5GT*	6J5	6J5G	1.50	.65
6J7GT*	6J7	6J7G	1.50	.65
6K5GT*	6K5	6K5G	1.50	.65
6K6GT*	6K6	6K6G	1.50	.65
6K7GT*	6K7	6K7G	1.50	.65
6K8GT*	6K8	6K8G	1.75	.78
6P5GT*		6P5G	1.25	.55
6Q5GT			1.25	.55
6Q7GT*	6Q7	6Q7G	1.50	.65
6R7GT*	6R7	6R7G	1.50	.65
6X5GT	6X5	6X5G	1.75	.78
25A6GT	25A6	25A6G	1.50	.65
25A7GT		25A7G	2.25	.98
25L6GT	25L6	25L6G	2.25	.98
25Z6GT	25Z6	25Z6G	1.50	.65

LAFAYETTE ALL-METAL TUBES

Type	List	Net	Type	List	Net	Type	List	Net
0Z4	\$1.50	\$0.64	6F6	\$1.35	\$0.58	6Q7	\$1.35	\$0.58
5T4	2.50	.90	6H6	1.25	.48	6R7	1.35	.58
5W4	1.00	.40	6J5	1.35	.63	6V6	1.75	.75
5Z4	2.00	.75	6J7	1.50	.64	6X5	1.50	.64
6A8	1.50	.64	6K7	1.35	.58	25A6	1.50	.64
6B8	1.75	.75	6L6	2.25	.90	25L6	2.25	.79
6C5	1.25	.49	6L7	1.75	.75	25Z6	1.50	.64
6F5	1.25	.52	6N7	1.75	.75			

FREE! LAFAYETTE LOG BOOK FREE!

You'll want this useful log book—it's crammed full of helpful information. Contains listings of all popular American broadcast stations, American and European short wave stations, tells you how to tune your radio for maximum performance, has conversion charts for changing kilocycles to meters and vice versa, and lots more. It's offered FREE with every purchase of a Lafayette Radio and with every purchase of Lafayette Radio Tubes. Make sure you get a copy.

THEATRE EXCITER LAMPS

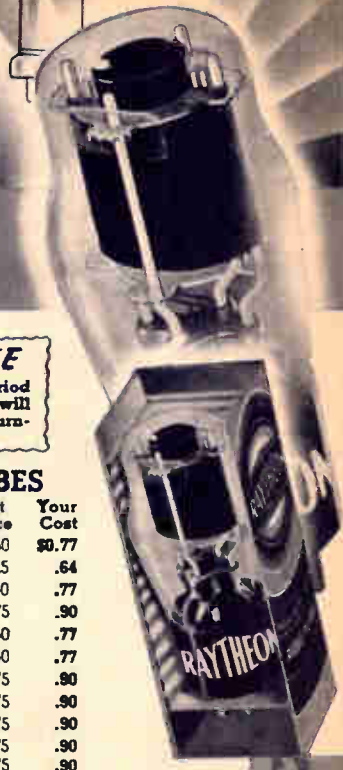
For sound-on-film apparatus. Measure 3/8" long by 1" diameter. Equipped with single contact bayonet base. Factory tested.

- Type 105—10 Volts, 5.0 Amperes
- Type 107—10 Volts, 7.5 Amperes
- Type 854—8.5 Volts, 4.0 Amperes
- Type T-5—15 Volts, 1.0 Amperes

49¢ each

RAYTHEON

for Better Reception



ADDITIONAL DISCOUNT

On purchases totaling 25 or more Raytheon tubes, dealers and servicemen are permitted to take an extra 10% discount from the net prices shown below.

SIX MONTHS GUARANTEE

We fully guarantee Raytheon tubes for a period of six months from date of purchase. We will gladly replace any unsatisfactory tube (burn-outs and broken glass excepted).

GLASS TYPE TUBES

Type No.	List Price	Your Cost	Type No.	List Price	Your Cost	Type No.	List Price	Your Cost
00A	\$2.25	\$1.15	6U5	1.50	.77	55	1.50	.77
01A	.80	.41	6Z4	1.75	.90	56	.80	.41
1A4	1.75	.90	84	2.75	1.42	57	1.25	.64
1A6	1.75	.90	10	2.75	1.42	58	1.25	.64
1B4	2.25	1.15	12A	1.00	.51	59	2.00	1.03
951	2.25	1.15	12A5	2.25	1.15	59	2.00	1.03
1B5	1.25	.64	12A7	2.25	1.15	71A	1.00	.51
25S	1.25	.64	12Z3	1.50	.77	75	1.25	.64
1C6	1.75	.90	15	2.25	1.15	76	.80	.41
1F4	1.50	.77	19	1.50	.77	77	1.50	.77
1F6	2.25	1.15	20	2.25	1.15	78	1.25	.64
1V	1.25	.64	22	2.00	1.03	79	1.50	.77
2A3	2.50	1.28	24A	1.25	.64	80	.80	.41
2A5	1.25	.64	26	.80	.41	81	2.25	1.15
2A6	1.25	.64	27	.80	.41	82	1.50	.77
2A7	1.50	.77	30	1.00	.51	83	1.75	.90
2B7	1.75	.90	31	1.00	.51	83-V	2.25	1.15
2E5	1.50	.77	32	1.75	.90	84	.77	.41
5Z3	1.25	.64	33	1.50	.77	84	.77	.41
6A3	2.00	1.03	34	1.75	.90	6Z4	1.75	.90
6A4	1.50	.77	35	1.25	.64	85	1.25	.64
LA	1.50	.77	36	1.25	.64	89	1.50	.77
8A6	1.75	.90	37	1.00	.51	V99	1.50	.77
6A7	1.50	.77	38	1.25	.64	X99	1.50	.77
6AB5	1.75	.90	39	1.25	.64	182B	2.00	1.03
6B5	2.25	1.15	40	1.00	.51	183	2.00	1.03
6B7	1.50	.77	41	1.25	.64	485	2.00	1.03
6C6	1.25	.64	42	1.25	.64	950	2.25	1.15
6D6	1.25	.64	43	1.50	.77	951	2.25	1.15
6E5	1.50	.77	44	1.00	.51	1B4	2.25	1.15
6E6	2.00	1.03	45	1.00	.51	WD-11	2.25	1.15
6F7	2.00	1.03	46	1.50	.77	WX-12	2.25	1.15
6G5	1.50	.77	47	1.50	.77	BA	7.50	3.25
6H5	1.75	.90	48	4.00	2.05	BH	4.75	2.44
6N5	1.75	.90	49	1.25	.64	BR	2.75	1.42
6T5	1.50	.77	50	2.50	1.28	LA/6A4	1.50	.77
			52	2.00	1.03			
			53	2.00	1.03			

MAJESTIC TYPE TUBES

Type No.	List Price	Your Cost	Type No.	List Price	Your Cost
2A7-S	\$2.50	\$1.28	24-S	\$1.50	\$.77
2B7-S	2.50	1.28	27-S	1.25	.64
2S-4S	2.75	1.42	35S-51S	1.50	.77
2Z2/G84	2.00	1.03	55-S	1.75	.90
6A7-S	2.50	1.28	56AS	1.50	.77
6B7-S	2.50	1.28	56-S	1.50	.77
6C7	2.00	1.03	57AS	1.75	.90
6D7	2.00	1.03	57-S	1.75	.90
6E7	2.00	1.03	58AS	1.75	.90
6F7-S	2.00	1.03	58-S	1.75	.90
6Y5	2.00	1.03	75-S	1.75	.90
6Z5	2.00	1.03	85AS	1.75	.90

ALL-METAL TYPE TUBES

Type No.	List Price	Your Cost	Type No.	List Price	Your Cost
0Z4	\$1.50	\$.77	6K9	\$1.75	\$.90
5T4	2.50	1.28	6L6	2.25	1.15
5W4	1.00	.51	6L7	1.75	.90
5Z4	2.00	1.03	6N7	1.75	.90
6A8	1.50	.77	6Q7	1.50	.77
6B8	1.75	.90	6R7	1.50	.77
6C5	1.25	.64	6S7	2.25	1.15
6F5	1.25	.64	6V6	1.75	.90
6F6	1.50	.77	6X5	1.50	.77
6H6	1.25	.64	25A6	1.50	.77
6J5	1.50	.77	25L6	2.25	1.15
6J7	1.50	.77	25Z6	1.50	.77
6K7	1.50	.77			

G-SERIES OCTAL BASE

Type No.	List Price	Your Cost	Type No.	List Price	Your Cost	Type No.	List Price	Your Cost
0A4G	\$2.25	\$1.15	5Y4G	\$1.00	\$.51	6L7G	\$1.75	\$.90
0Z4G	1.50	.77	5Z4MG	2.00	1.03	6N6G	2.25	1.15
1A5G	2.25	1.15	6A5G	2.00	1.03	6N6MG	2.50	1.28
1A7G	2.25	1.15	6A8G	1.50	.77	6N7G	1.75	.90
1C5G	2.25	1.15	6AC5G	1.25	.64	6P7G	2.25	1.15
1C7G	2.25	1.15	6B4G	2.00	1.03	6Q7G	1.50	.77
1D5G	2.25	1.15	6B6G	1.50	.77	6R7G	1.50	.77
1D7G	1.75	.90	6B8G	1.75	.90	6S7G	2.25	1.15
1E5G	2.25	1.15	6C5G	1.25	.64	6T7G	2.25	1.15
1E7G	2.75	1.42	6C8G	1.50	.77	6U7G	1.50	.77
1F5G	2.25	1.15	6D8G	2.25	1.15	6V6G	1.75	.90
1F7G	2.25	1.15	6F5G	1.25	.64	6V7G	1.50	.77
1G5G	2.00	1.03	6F6G	1.50	.77	6W5G	1.50	.77
1H4G	1.00	.51	6F8G	1.50	.77	6W7G	2.25	1.15
1H5G	2.25	1.15	6G6G	2.25	1.15	6X5G	1.50	.77
1H6G	1.75	.90	6H6G	1.25	.64	6Y7G	1.50	.77
1J5G	2.25	1.15	6J5G	1.50	.77	6Z5G	1.50	.77
1J6G	1.50	.77	6J7G	1.50	.77	6Z7G	1.75	.90
1N5G	2.25	1.15	6J8G	2.25	1.15	25A6G	1.50	.77
4A6G	2.25	1.15	6K5G	1.50	.77	25A7G	2.25	1.15
5U4G	1.50	.77	6K6G	1.50	.77	25B6G	1.75	.90
5V4G	2.50	1.28	6K7G	1.50	.77	25L6G	2.25	1.15
5W4G	1.00	.51	6L5G	2.25	1.15	25Z6G	1.50	.77
5X4G	1.00	.51	6L6G	2.50	1.28	6Y6G	2.25	1.15
5Y3G	1.00	.51						

Tube Stickers

100 Tube stickers FREE. Specify for metal or glass type tubes. Imprinted with your name in 2,000 quantities for \$1. Shows date sold, date tested and condition.



Dummy Tube Cartons

Offered FREE with purchases of Raytheon tubes. Dummy tube cartons are in full color—excellent for window displays and for counter use. Ask for them when you order.



FREE !!

SALES HELPS FOLDER, for dealers and servicemen. Send us your name and address, and we will send you postpaid this folder which lists many free items to boost sales.



NEW—TUBE DATA BOOK

198 pages of characteristic data on all receiving tubes. Includes fundamental tube information, charts and curve data. A complete handy reference manual. K19891 Your Cost **25c**





Noise Eliminators and Voltage Controls



AEROVOX Interference Filters



IN-27
Small capacitive type for use between set and outlet. $1\frac{1}{2} \times 1\frac{1}{2}$ ". Keeps noise out of line and wiring. Shpg. wt. 1 lb.
K4801—Your Cost Each 29¢



IN-28
Designed for mtg. directly on the noise causing device by means of bracket. Only $1\frac{1}{2} \times 1\frac{1}{4}$ ".
K4802—Your Cost Each 44¢



IN-29
Affords greater filter action than IN-27 and 28. Ideal for electric razors. Takes only a minute to install. $1\frac{1}{2} \times 2\frac{1}{2}$ ". Shpg. wt. 1 lb.
K4803—Your Cost 44¢



IN-30
Similar to the IN-29 listed above, but with additional inductance. Handles more severe interference. Plugs between noisy appliance and outlet or between the set and the outlet. Only $1\frac{1}{2} \times 2\frac{3}{4}$ ". Wt. 1 lb.
K4804—Your Cost Each 73¢



IN-31
Plugs between attachment cord and electric outlet of either set or appliance. Provides additional inductance for better filtering. Works best mounted by bracket directly on the interfering appliance. $1\frac{1}{2} \times 2\frac{3}{4}$ ".
K4805—Your Cost Each 88¢

Antenna Substitute ANT-32



Plugs into outlet or light socket. Flexible lead connects with set antenna. Provides good aerial substitute under average wiring conditions. $1\frac{1}{2} \times 1\frac{1}{4}$ ".
K4806—Your Cost Es. 41¢

IN-24 Heavy Duty Noise Filter



Overcomes most serious cases of radio interference. Combined capacitive and inductive filter. Plugs into electric outlet; set or appliance plugs into receptacle. Size: $4 \times 2\frac{1}{2} \times 3\frac{1}{2}$ ". With cord and plug. Wt. 3 lbs.
K4792—Your Cost \$2.79

TOBE FILTERS AND FILTERETTES

PLUG-IN FILTER



Capacitive type, needs no ground connection. Plugs into any 110-volt outlet, either a.c., or d.c.
K12607—Your Cost 59¢

Filterette For Electric Razors

The Tobe Electric Razor Filterette is scientifically constructed and designed to eliminate radio noise caused by using electric razors. It keeps the radio noise from reaching the light wiring. Works on any make electric razor using 110 volts a.c. or d.c.
K12615—Your Cost 59¢

Heavy Duty Model

Similar to above, but provides better filter action.
K12614—Your Cost \$1.15

Power Line Filterette

Reduces noises which enter set through the power line. With cord and plug. Metal case.
Type RF2—Your Cost \$2.79
K12608—Your Cost \$2.79

Filterette Junior



For small household appliances. Operates on 110-120 volts a.c. or d.c. For use with motors up to $\frac{1}{2}$ h.p. In bakelite case $2\frac{1}{2} \times 1\frac{1}{2}$ ". Has ground post for frame of appliance.
K12601—Your Cost Each 73¢

Filterette Senior

Similar to above, but for larger noise causing devices. Wt. 4 lbs.
K12600—Your Cost Each \$2.79

Heavy Duty Filter

For use on motors, generators, farm lighting system, chargers, etc. In metal cut-out box. Effective on all waves. With necessary fuses for overload. For 110 volts, a.c. or d.c. Available for 220 v.
Stock No. Amps. Wt. Net

K12680	5	10	\$7.35
K12681	10	15	11.76



Oil Burner Filter

Similar to above, but specially designed for use with oil burners. Rated 4 amps. For 110 v., a.c. or d.c. Shpg. wt. 8 lbs.
K12609—Your Cost \$4.67

CORNELL-DUBILIER Filter



Type IF-1: Combined inductive-capacitive type. Current rating 5 amperes. For use with appliances drawing up to 200 watts. Effective in eliminating noises caused by motors, home appliances, signs, etc. Metal case $4 \times 4 \times 5\frac{1}{2}$ ". With line cord and plug. Receptacle on top of case. Wt. 4 lbs.
K3553—Your Cost \$2.94

ICA Duplex Filtevolt

Efficient line noise eliminator equipped with a dual outlet. Both sides are filtered, enabling use of both radio set and other appliance at the same time. Converts usual single outlet into a filtered dual outlet. Has ground post. Eliminates noises from fans, razors, vacuum cleaners, refrigerators, etc.
K12623—Your Cost Each 50¢



Line Cord Resistors



Designed for use with a.c.-d.c. radio receivers. Flexible and sturdy. Tinned leads.
K5241—360 ohms. 2-tube sets.
K5242—310 ohms. For 4-tube sets using a 6-volt rectifier.
K5243—280 ohms. For 4-tube sets using a 12-volt rectifier.
K5330—200 ohms. For 4-tube sets using a 25-volt rectifier.
K5331—160 ohms. 5-tube sets.
K5332—150 ohms. 6-tube sets.
Your Cost Each 29¢ Any Type

CLAROSTAT Replacement Ballasts

Will maintain constant voltage into the receiver. Types for popular models listed; others supplied on order. Shpg. wt. 2 lbs.

- No. Type
- K6805** Brunswick
- K6806** Clarion
- K6808** Grebe
- K6816** Majestic 70
- K6817** Majestic 72
- K6818** Majestic 80
- K6819** Majestic 90
- K6805** Sonora
- K6823** S. W. 900
- K6824** S. W. 950
- K6825** S. W. R100



Your Cost Es. \$1.03

CLAROSTAT Automatic Line Voltage Regulators

Designed for use with any 110-120 volt a.c. receiver not equipped with a line ballast. Automatically compensates for line voltage variations. Metal case, insulated top. Wt. 1 lb.



Stock No.	Rating Watts	Tubes in Set	Your Cost
K6811	50	4	57¢
K6812	100	5, 6, 7	
K6813	150	8, 9, 10	
K6814	200	11, 12	
K6815	250	2 Type 50	
10 for.			\$5.25

Power CLAROSTATS

Heavy duty variable resistors suitable for use by experimenters, radio service men, industrial electricians, etc. Power Clarostats will handle 80 watts continuously; Super-Power units handle 250 watts. Both single hole mounting. With knobs.



Power No.	Super-Power No.	Range (Ohms)
K6831	K6834	$\frac{1}{2}$ to 10
K6832	K6835	25 to 500
K6833	K6836	200 to 1 meg.

Power Clarostats Your Cost Each \$2.05
Super-Power type Your Cost Each \$3.50

220 Volt to 110 Volt Line Cord Resistors



For any set up to 7 tubes. American cord equipped with standard male plug and female receptacle; European type resistor cord has foreign plug and standard receptacle.
K5243—Standard. 59¢ each
K5244—Foreign. 59¢ each

We can supply any resistor cords, metal or glass ballast tubes not listed here. Write for prices.

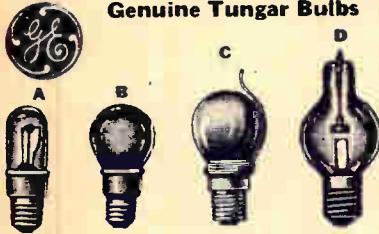
CLAROSTAT Metal Tube Resistors

Universal replacement resistor tubes designed for use in A.C.-D.C. midsets. Ten types replace all but a few of the metal resistor tubes now in use. Tube will operate regardless of pilot light burnouts; protects condensers and resistors in set. All metal clad types with oetal bases.

Stock No.	Replaces		Ending in Letters	Your Cost Each
	A.C.-D.C. Tubes Beginning with Letters	With Numbers		
K6842	BK, BL, K, L, M	10 to 23	A, B, C, D	57¢
K6843	BK, BL, K, L, M	10 to 23	E	
K6844	BK, BL, K, L, M	10 to 23	F, G, H	
K6845	BK, BL, K, L, M	23 to 56	A, B, C, D	
K6846	BK, BL, K, L, M	23 to 56	E	
K6847	BK, BL, K, L, M	23 to 56	F, G, H	
K6848	BK, BL, K, L, M	60 to 92	A, B, C, D	
K6849	BK, BL, K, L, M	60 to 92	E	
K6850	BK, BL, K, L, M	60 to 92	F, G, H	
K6851	BK, BL, K, L, M	92 to 105	A, B, C, D	

PILOT, TUNGAR and NEON BULBS

Genuine Tungar Bulbs



Used in battery chargers, "A" eliminators, etc. They can be used in place of Rectigon bulbs of equal rating. Tested.

Stock No.	Type	Rating	Your Cost Each
K21900	A	.6 ampere	\$2.94
K21901	B	2 amps. new	
K21902	C	2 amps. old	\$3.67
K21904	B	5 amperes	
K21903	D	6 amperes	\$4.41
K21911	D	15 amperes	\$8.82

TUNGAR-TYPE BULBS

K21905	—0.6 amp. bulb.	\$1.85
K21906	2-amp. bulb with tip.	\$1.85
K21907	2-amp. bulb without tip.	\$1.85
K21908	6-ampere bulb.	\$3.45

JEWELLED PILOT BRACKETS

Excellent indicators for all types of electrical circuits. Miniature screw base. K6432—Red. K6433—Green. K6434—Amber. 10 for \$1.25. Your Cost Each **15¢**. Same as above, but with miniature bayonet base. K6454—Red. K6456—Green. **15¢** Ea. Same as above, but with candleabra base. K6426—Red. K6427—Green. **20¢** Ea. K6428—Amber.

NEON GLOW LAMPS



Used extensively in test instruments, such as leakage testers, high resistance indicators, short testers, continuity testers, etc. On d.c. only one electrode glows (the negative). All operate on 105-125 volts a.c. or d.c. except the 1/2 watt types which operate on a.c. only (this voltage is the minimum striking voltage). Minimum operating volts (approx.): on a.c.—60 volts; on d.c.—100 volts.

STANDARD EDISON BASE

No.	Type	Finish	Watts	Each
K12265	G10	Clear	1/2	36¢
K12266	G10	Clear	1	
K12267	S14	Clear	2	45¢
K12262	S14	Red	2	
K12263	S14	Orange	2	49¢
K12276	S14	Clear	3	

CANDELABRA BASE

K12264	T4 1/2	Clear	1/2	36¢
K12277	G10	Clear	1	41¢
K12278	G10	Clear	1	

RESISTORLESS TYPE

Double Contact Bayonet Base

Especially useful for amateurs and experimenters. Used in test instruments, noise silencers, voltage regulators, etc.

No.	Type	Finish	Watts	Each
K12268	T4 1/2	Clear	1/2	41¢
K12269	G10	Clear	1	
K12270	G10	Clear	1	49¢
K12271	S14	Clear	2	

10% discount in lots of 10.

PORCELAIN RECEPTACLES For Neon Glow Lamps

K13331	—Candleabra base.	7¢
K13330	—Miniature. Either Size, Each	
K13327	—Standard base.	9¢

GENUINE MAZDA PILOT LITE BULBS



These are genuine GE bulbs of American manufacture. Type No. 40 is "Brown Bead" bulb for a.c.-d.c. midsets; Type Nos. 50 and 51 are for auto. radio sets; Type 48 is for 2-volt air-cell sets.

Stock No.	Type	Volts	Amps.	Each	10 For
K12274	48	2.0	.06	20c	\$1.15
K12259*	49	2.0	.06	22c	1.29
K12250	41	2.5	.5	9c	.54
K12260*	43	2.5	.5	10c	.59
K12251	42	3.2	.35	12c	.71
K12249*	44	6-8	.25	9c	.54
K12252	46	6-8	.25	9c	.54
K12254	40	6-8	.15	9c	.54
K12273	50	6-8	.20	10c	.59
K12261*	51	6-8	1.0	7c	.41

* Miniature bayonet base; all others have miniature screw base.

VICTOR-MAZDA Pilot Bulb

Intermediate base, frosted bulb. 110 volts. For Colonial, Victor and other receivers, K12253—Carton of 10, \$1.65. Each **17¢**

Candelabra Base 110-Volt Pilot Bulbs

Type S-6. Candelabra base.	15¢
K12257—6 Watts.	
Your Cost Each	25¢
K12258—3 Watts.	

Pilot Bulb Brackets With Screw and Bayonet Sockets



Screw Base	Type	Bayonet Base	No.	Each
K6510	A	K6488	4	5¢
K6511	B	K6489	4	
K6512	C	K6490	4	
K6513	D	K6514	4	
				10 for 40c
				100 for \$3.50

Pilot Light Jewels Only

K6429—Red	K6430—Green	10¢
K6431—Amber		

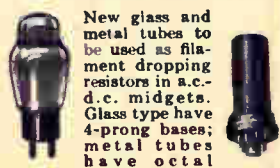
Jumbo Jewel Bracket

For test panel mount in 1 1/2" hole. 3/4" jewel removable; bulb can be replaced from front of panel. Miniature screw base sockets. K6416—Red. K6417—Green. K6418—Amber. K6425—Opal. Your Cost Each, **24¢**. Same as above, but with miniature bayonet base sockets. K6408—Red. K6409—Green. K6410—Amber. K6411—Opal. Your Cost Each, **24¢**. Any Type.

Giant Jewel Brackets

Have 1" diam. faceted jewels. Requiring single 1" panel hole for mounting. Chrome plated assembly. Completely demountable. Jewels available in Red, Opal, Green or Amber; specify color desired. K6403—Candelabra Edison Base Use 3 or 6 watt No. S-6 bulbs. K6404—Miniature Screw Base K6405—Miniature Bayonet Base Your Cost Each, Any Above Type **54¢** (Specify Color).

TRUTEST Ballast Tubes



New glass and metal tubes to be used as filament dropping resistors in a.c.-d.c. midsets. Glass type have 4-prong bases; metal tubes have octal bases. The 18R and K55 types are for 2-6.3 and 2-25 volt tubes; types 165R and K49 are for use with 3-6.3 and 2-25 volt tubes.

Glass Tubes (4-Pr.)			
No.	Type	No.	Type
K6865	185R	K6868	165R4
K6866	185R4	K6869	165R8
K6867	185R8		

Metal Tubes (Octal)			
No.	Type	No.	Type
K6870	K55B	K6874	K49C
K6871	K55C	K6875	K49D
K6872	K55D	K6876	L49B
K6873	K49B	K6877	L49C

DRAKE Bull's Eye

Have 1 1/2" diam. jewel. Require 1" panel hole for mtg. Glass mounting is chrome plated; other parts cadmium plated. For panels up to 1/2" thick. Candelabra socket takes type S-6 bulbs (listed above). Bulb removable from front. Color discs in Red, Green, Amber or White; Specify color. K14174 Each **59¢**

Amperite Voltage Regulator Tubes

Keeps input voltage to receiver constant. Protects condensers and resistors. For A.C. sets. Specify type desired. K19100—For 110 v. sets. Tubes Use Each **\$1.25**

4-5	5A5	11-12	11A5
6-7	7A5	13-17	20A5
8-10	9A5		

K19101—Sockets Only **15c**

A real regulator tube, not an ordinary resistor. With line variations from 85 to 145 volts, tubes are kept within 5%. Complete with starting resistor that saves pilot lights and tubes. Types marked (*) are special units.

Type	Beginning With	Numbers	Ending With
KL-45	K, L, M or BK	36 to 67	A, B, C or D
KL-25	K, L, M or BK	10 to 36	A, B, C or D
KL-75	BL or BM	67 to 105	A, B, C or D
KL-25H	K, L, M or BK	11 to 26	F, G or H
KL-50H	K, L, M or BK	36 to 67	F, G or H
KL-75H	K, L, M or BK	67 to 105	F, G or H
KL-50S1	K or L	40 to 100	S1
KL-50S2	K or L	40 to 100	S2
KL-50S3	K or L	40 to 100	S3

REPLACES ALL A.C.-D.C. BALLASTS

Type 4P-45—4 Prong replaces the following types:

140R4	140L44	165R4	LX42D	LX49C	LX55D
140R8	50X3T	50A2	KX49B	LX49D	LX55B
140R4A	165R8	50B2	KX49C	KX55A	LX55C
140L4	165R44	LX42B	KX49D	KX55B	LX55D
140L8	165L4	LX42C	LX49B	KX55C	

Type 3-40—4 Prong replaces the following types:

6B	50X3	165R	KX42A	KX55A
50	140R	185R	KX49A	

EVEREADY "A" "B" and "C" BATTERIES

Air Cell "A" Battery

Gives 1000 hours or more of peak operation. Never requires recharging—Just add water monthly. Cannot burn out tubes.



Constant voltage throughout life. In leak-proof case 10x10x6 1/2". For current up to 660 milliamperes (.66 amps.). Wt. 23 lbs. **K20124**—Type A600. Each \$4.62. **Less 2%..... \$4.51**

Heavy Duty Type

Type SA-850—Same as above, but for sets drawing up to 750 milliamperes (.75 amps.). Wt. 24 lbs. **K20127**—Each \$5.51. **Less 2%..... \$5.40**

3-Volt Dry "A" Pack



Type X-124—For 2-volt receivers. Supplies approximately 400 hours of service, when used 3 hours per day on sets drawing up to 1/2-amp. Insulated terminals. 10 1/2 x 10 1/2 x 6 3/4". Shpg. wt. 38 lbs. **K20120**—Each \$5.99. **Less 2%..... \$5.87**

Type X-125—Similar to above, but smaller. Voltage declines with age—use of tapped resistor required. 11 1/2 x 14 1/2 x 6 1/2". Wt. 21 lbs. **K20121**—Each \$2.33. **Less 2%..... \$2.28**

Flashlight Cells

Type 950—Extra long life cells having the exclusive Eveready metal top. Can be used for a multitude of purposes. 1 1/2 x 2 3/4". **K20124**—1 1/2 Volts. **Your Cost Each..... 6 1/2¢**
Type 935—"Baby" size cell for low current needs. Same quality and construction as above. 1 x 1 1/2". **K20125**—1 1/2 Volts. **Your Cost Each..... 6 1/2¢**

STANDARD 45 V. "B"

These batteries designed for use with plug-in clip terminals (listed below). Type 770 Heavy Duty is 8x4 1/2 x 7 1/4"; type 772 regular duty is similar to 770, measures 8x3x7 1/4".

K20100—Type 772 **K20101**—Type 770
Each \$1.03. **\$1.01** Each \$1.44. **\$1.41**
Less 2%..... **Less 2%.....**
Lots of 6. Each .94c Lots of 6. Each \$1.31
Less 2%..... .92c **Less 2%..... \$1.28**
K20124—Plug-in terminals for above, ea. 5c



LAYERBILT 45 Volt "B" Batteries

The longest lasting, most-hours-per-dollar "B" battery made. Ideal for all purposes. For plug-in clip terminals. Plugs listed below. For convenience, Type 486 heavy duty is 8x4 1/2 x 7 1/4"; type 485, medium duty Layerbilt for lighter work. Size: 8x3x7 1/4".

K20102—Type 486 **\$1.64** **K20103**—Type 485 **\$1.27**
Ea. \$1.67. **Less 2%.....** Ea. \$1.29. **Less 2%.....**
Lots of 6. Each \$1.52 Lots of 6. Each \$1.17
Less 2%..... \$1.49 **Less 2%..... \$1.15**
K20124—Plug-in terminals for above, each 5c

Standard 22 1/2 V. "C"



Type 768—Plug-in and clip terminals for connections listed below. Taps at 3, 4 1/2, 16 1/2 and 22 1/2 v. 4 1/2 x 2 1/2 x 2 1/2". Wt. 2 lbs. **K20106**—Ea. 66c. **Less 2%..... 65¢**
Lots of 5 each 60c. **Less 2%..... 59c**
K20130—Plug, Each..... 5c

Portable 22 1/2 V. "C"

Type 778—Clip terminals. Taps at 3, 4 1/2, 6, 9, 10 1/2, 16 1/2, 22 1/2 volts. 4 1/2 x 2 1/2 x 2 1/2". Wt. 2 lbs. **K20107**—Ea. 66c. **Less 2%..... 65¢**
Lots of 5 each 60c. **Less 2%..... 59c**

4 1/2 V. "C" Batteries

Type 771—For plug-in and clip terminals, listed below. 3 cells in series. Taps at 3 and 4 1/2 volts. 4 x 1 1/2 x 3 1/2". Wt. 1 lb. **K20105**—Ea. 27c. **Less 2%..... 26¢**
Lots of 5 Ea. 24 1/2c **Less 2%..... 23 1/2c**
K20129—Plug, Each..... 5c
Type 761T—4 1/2 volts, with taps at 3 and 1 1/2 volts. Four screw terminals. 4 1/2 x 1 1/2 x 3 1/2". Wt. 1 lb. **K20109**—Each 35c. **Less 2%..... 34¢**
Lots of 5 Each 32c. **Less 2%..... 31c**



Portable 45 V. "B"

Type 762S—Has insulated screw terminals. Tap at 22 1/2 volts. 4 1/2 x 2 1/2 x 5 1/2". **K20104**—Each \$1.16. **Less 2%..... Your Cost..... \$1.14**
Lots of 5—Ea. \$1.05 **Less 2%..... \$1.03**



Portable 22 1/2 V. "C"

Type 763—Screw terminals. No taps. 3 1/2 x 2 1/2 x 2 1/2". Shpg. wt. 1 lb. **K20105**—Each 77c. **Less 2%..... 75¢**
Lots of 5 each 70c. **Less 2%..... 68c**

7 1/2 V. "C"

Type 773—Has screw terminals. Taps at 1 1/2, 3, 4 1/2, 6, and 7 1/2 volts. 2 3/4 x 4 x 3/4". Wt. 2 lbs. **K20114**—Each 49c. **Your Cost..... 48¢**
Less 2%..... Lots of 5. Each 44c. **Less 2%..... 43c**



4 1/2 V. "C"

Type 761—Screw terminals. 2 1/2 x 3/4 x 2 1/2". Wt. 1 lb. **K20110**—Each 31c. **Less 2%..... 30¢**
Lots of 5 Each 28c. **Less 2%..... 27c**



Compact Portables



Compact, light weight units equipped with brass knurled nuts.

Type 723—3-volt "A" battery, high capacity. 2 3/4 x 2 1/2 x 3 1/2". Wt. 2 lbs. **K20115**..... **62¢**
Each.....
Type 733—45-volt "B". 3 1/2 x 2 1/2 x 3 1/2". Wt. 2 lbs. **K20116**—Each..... **\$1.37**
Type 722—3-volt "A". 2 1/2 x 1 1/2 x 3 1/2". Wt. 1 lb. **K20117**..... **34¢**
Your Cost.....
Type 733—45-volt "B". 3 1/2 x 2 1/2 x 3 1/2". Wt. 1 lb. **K20118**..... **\$2.22**
Your Cost Each.....
Type 744—7 1/2 v. "C". Tapped at 4 1/2 volts. 2 1/2 x 1 1/2 x 1 1/2". Wt. 1 lb. **K20119**..... **69¢**
Each.....

Test Batteries

Type 703—4 1/2 v. Contains 3 cells in series. 2 3/4 x 2 1/2 x 3 1/2". Wt. 1 lb. **K20111**..... **20¢**
Each.....
Type 750—3 volts. Contains two cells in series. 2 3/4 x 1 1/2 x 3/4". Shpg. wt. 1 lb. **K20112**..... **10¢**
Your Cost.....
Type 751—4 1/2 volts. Contains 3 medium size cells. 2 3/4 x 2 x 3/4". Shpg. wt. 1 lb. **K20113**..... **20¢**
Your Cost.....



1 1/2 V. "A" Cells

Type 711—Equipped with non-breakable metal top—an exclusive Eveready feature. Exceptionally long life. 2 3/4" diam., 6" high. Wt. 2 lbs. **K20122**—Each 34c. **Less 2%..... 33¢**
Lots of 25 ea. 31c. **Less 2%..... 30¢**



No. 6 Columbia "Ignition"

Similar to above, but designed for ignition, door bells, alarm systems, etc. Shpg. wt. 2 lbs. **K20123**—Each 28c. **Less 2%..... 27¢**
Lots of 25. Each 26c. **Less 2%..... 25¢**

6 Amp. Homecharger



Vibrator type charger. Self-polarized; no damage from improper connections. Recharges batteries in from 12 to 16 hours. Complete with long cables, car clamp and instructions. For 110 volts, 60 cy. a.c. Wt. 11 lbs. **K15697**—Your Cost. **\$7.35**

"CHARGIT" Charger



Use It in Car or Home

With dashboard mount. Chgs at 4 amps. Fused. With two 7 1/2-foot rubber cables. For 110 volts, 60-cy. a.c. Wt. 5 lbs. **K15196**—Your Cost. **\$4.25**

BATTERIES & CHARGERS

5-Amp. Tungar Charger



For charging any 6-volt battery at home. Delivers full 5 amperes and tapers off as battery charges, thus preventing damage to cells due to overcharging. Has receptacle for attaching to car and ammeter so that battery can be charged without removing it from car. Complete with tube and all accessories. For 110 volts, 60 cycles a.c. only. Shpg. wt. 12 lbs. **K15699**—Your Cost. **\$10.88**



MALLORY CHARGERS



6 to 3 Amp. Taper
Employs dry-disc rectifier; fuse in front; thorough ventilation, with large meter for checking charging rate. Automatic taper, cannot ruin battery. Finished in black wrinkle and chromium. Dim.: 7 1/2 x 4 1/2 x 4 1/2". With 6 ft. cord for light socket, and 12 ft. cord with receptacle for dash mtg., plus spare fuse and instructions. For 115 v. 50-60cy. a.c. Wt. 9 1/2 lbs. **K15698**—Your Cost. **\$6.76**

Battery Booster



Dry-disc rectifier type. 4 to 2 amp. tapering charge. External fuse, for quick replacement. Perforated for thorough ventilation. Equipped with 9 ft. cord for light socket, and a 4 ft. cord with clamp-on receptacle for dash mtg.; spare fuse and instructions. Dimensions: 5 1/2 x 3 1/2 x 3 1/2" deep. Finished in black wrinkle. For 115 volts, 50-60cy. a.c. operation. Shpg. wt. 4 1/2 lbs. List \$7.45 **K15696**—Your Cost. **\$4.38**

VESTA 2 & 6-Volt Storage Batteries

All feature thick plates leak-proof molded rubber containers. 2-volt type has rubber nut and bolt terminals; 6-volt has radio terminals and ball handle. All are guaranteed.



6-VOLT BATTERIES

Stock No.	Plates	Of Amp. Hrs.	Shpg. Wt.	Your Cost
K21099	13	105	35	\$5.95
K21098	15	120	42	6.95
K21097	17	145	50	7.45

2-VOLT BATTERIES

No external resistor necessary. Delivers 300 hours of operation at a 1/2-ampere drain. Shpg. wt. 30 lbs. **K21096**—Your Cost. **\$4.35**

HYDROMETER

Live red rubber bulb and nozzle; beaded float. Wt. 3 lbs. **K15694**—Your Cost. **24¢**



"On-Off" Power Switch



Switch with long leads, fuse retainer, pilot light lead and socket. Assemble in place of plate on tuning unit S1.

K9332—
Each **59¢**

2-Stage (Local-DX) Sensitivity Switch



S.P.S.T. switch. Assemble in place of plate on the tuning unit. Solder lugs for connections.

Type S2
K9333—
Each **29¢**

1937 PHILCO Cables

Special 23 3/4" cables for 1937 Philco controls. Fittings on both ends. Shpg. wt. 3 lbs.

K9338
Your Cost. **\$1.15**

STAR AUTO RADIO Remote Control



Illustration Shows Control Assembly and Plate Kit (mounted)

Star Remote Controls fit all cars, all radios. They are adjustable for any opening provided for radio installation on the instrument panel. No drilling or filing necessary. Clockwise or counter clockwise. No cord, no cable, no back-lash. Adjustable for any gear ratio; five interchangeable gears supplied (6, 8, 10, 12, and 16 to 1). In addition to gears, all end fittings, lock nuts, pilot light socket, etc., are furnished. Built of highest quality materials to insure long, trouble free life. **Order Plate Kit from listing below.** K9335—Less Plate Kit Shpg. wt. 4 lbs. Remote control.
Your Cost **\$2.06**

3-Stage Tone Control

This control is assembled in place of the volume control shaft. 3-step variation. T1.

K9334—
Your Cost **\$1.18**



Same as above, but variable tone control (100,000 ohms). T2.

K9335—
Your Cost **\$1.18**

Tone Control with "On-Off" Switch

Similar to the type T1, but includes "on-off" switch, insulated leads, fuse retainer and pilot light socket. ST1.

K9336—
Your Cost **\$1.76**

As above, but with variable control (100,000ohms)ST2.

K9337—
Your Cost **\$1.76**



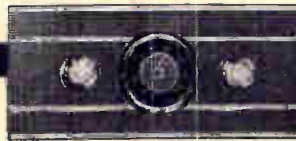
Crowe and STAR Panel Plate Assemblies



Chrysler 1938



De Soto 1938



Chevrolet 1938



Under Dash Kit

STAR

No.	Car Model and Year
K9353	Buick 40, 60, 1937.....
K9354	Buick 80, 90, 1937.....
K9363	Buick 40, 60, 80, 90, 1938.....
K9355	Cadillac 1936 and 1937.....
K9343	Chevrolet 1935.....
K9343	Chevrolet 1936.....
K9356	Chevrolet 1937.....
K9364	Chevrolet 1938.....
K9344	Chrysler Airstream 6, 1936.....
K9358	Chrysler Airstream 8, 1936.....
K9358	Chrysler Airlow 8, 1937.....
K9329	Chrysler Imperial 1937.....
K9357	Chrysler Royal, 1937.....
K9365	Chrysler 1938.....
K9341	DeSoto 1935.....
K9346	DeSoto Airstream 1936.....
K9346	DeSoto Airlow, 1936.....
K9359	DeSoto 1937.....
K9366	DeSoto 1938.....
K9348	Dodge 1936.....
K9360	Dodge 1937.....
K9367	Dodge 1938.....
K9342	Ford 1935.....
K9351	Ford DeLuxe early 1936.....
K9349	Ford Standard Early 1936.....
K9350	Ford Standard late 1936.....
K9352	Ford DeLuxe late 1936.....
K9362	Ford DeLuxe 1937.....
K9363	Ford Standard 1937.....
K9340	Ford 1934.....
K9368	Ford, All 1938.....
	Graham 1938.....
K9369	Hudson 1938.....

CROWE

No.	Car Model and Year
K9257	
K9258	
K9231	
K9260	
K9263	
K9262	
K9261	
K9238	
K9266	
K9267	
K9264	
K9265	
K9245	
K9271	
K9270	
K9269	
K9268	
K9246	
K9273	
K9272	
K9234	
K9274	
K9274	
K9274	
K9275	
K9276	
K9277	
K9278	
K9279	
K9243	
K9249	
K9242	

All Star and Crowe panel plate assemblies consist of the dial plate, dial scale (calibrated in kilocycles), and set of matched knobs only.

IMPORTANT: Crowe panel plate assemblies listed here fit only the 1937-1938 Crowe remote control heads (700 series). NOTE: All Star matched panel plates are die-cast or stamped from heavy metal and beautifully finished.

STAR

No.	Car Model and Year
K9330	Hudson-Terraplane 1937.....
K9372	Lafayette 1936.....
K9382	Lafayette 1937.....
K9393	Lafayette 1938.....
K9355	LaSalle 1936 and 1937.....
K9381	LaSalle 1938.....
K9373	Lincoln Zephyr 1936.....
K9392	Lincoln Zephyr 1938.....
K9374	Nash 1936.....
K9384	Nash 1937.....
K9393	Nash 1938.....
K9375	Oldsmobile 1936.....
K9385	Oldsmobile 1937.....
K9394*	Oldsmobile 1938.....
K9370	Packard 120, 1935.....
K9376	Packard 120, 1936.....
K9386	Packard 120, 1937.....
K9387	Packard 115, 1937.....
K9395	Packard 6 and 8, 1938.....
K9371	Plymouth DeLuxe late 1935.....

CROWE

No.	Car Model and Year
K9282	
K9281	
K9236	
K9260	
K9232	
K9274	
K9235	
K9284	
K9281	
K9247	
K9286	
K9285	
K9290	
K9289	
K9288	
K9287	
K9240	
K9293	

STAR

No.	Car Model and Year	No.
K9377	Plymouth DeLuxe 1936.....	K9292
K9388	Plymouth DeLuxe 1937.....	K9291
K9396	Plymouth DeLuxe 1938.....	K9233
K9378	Pontiac 1935.....	K9296
K9378	Pontiac 1936.....	K9295
K9389	Pontiac 1937.....	K9294
K9397	Pontiac 1938.....	K9237
K9379	Studebaker Dict. 1936.....	K9300
	Studebaker Dict. Business Coupe 1937.....	K9299
K9390	Studebaker Dict. late 1937.....	K9298
K9391	Studebaker Pres. late 1937.....	K9297
K9398	Studebaker 1938.....	K9239
K9380	Terraplane 1936.....	K9280
K9399	Terraplane 1938.....	K9244
K9331	Willys 1937 and 1938.....	K9248
K9383	UNIVERSAL UNDER DASH MOUNTING KIT	K9301

CROWE PLATE ASSEMBLIES
Your Cost Each, Any Above Type (Less Remote Control)..... **\$1.44**

STAR PLATE ASSEMBLIES
List \$2.25.
Your Cost Each (Less Remote Control)..... **\$1.32**

* Star unit for Olds. 1938 consists of plate assembly and remote control head with switch.
List \$6.75. Your Cost..... \$3.97

Exact Replacement PHILCO VIBRATORS



The two models listed below will fit all Philco auto radios, up to and including 1938 sets. K14632—For Philco models up to 1936, including models: 3, 5, 6, 7, 8, 9, 10, 11, 51, 700, 800, 802, 805, 806, 807, 808, 809, 810, 810PA, 810PB, 810PV, 811P, 816, C, D, E, F, FN, G, G122, H, H122, J, PAD, L.

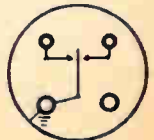
PBD, Q, R, EF elim., EG elim. Fits 4 prong base. 4 3/4"x2 1/2". K14634—For all Philco 1937 and 1938 models. Lots of 6..... each 95¢
Your Cost Each, Either Type **98¢**

SPECIAL VALUE 4-PRONG NON-SYNCHRONOUS VIBRATOR



A special general replacement vibrator that fits any auto set using a standard 4-prong socket. Non-synchronous. Used in most of the popular sets put on the market in the last few years. 3 1/4" high, 1 1/2" diam. Shpg. wt. 2 lbs.

K14635—
Your Cost, Each, Special **98¢**
Lots of 6. Each..... 95¢



The above unit fits: ARVIN 18, 19, 28, 33, 38, 39; CHEVROLET 985100, 985200; CLARION AR100; MOTOROLA 34, 50, 60, 80, 90; RCA M109, 67M; ZENITH 666, 668, 6M91D, 7M91D and many other automobile radios in use today.



Auto Radio Accessories



Auto Radio Noise Eliminator

This Filtron Robotrol eliminates the need for spark plug suppressors by cutting out all ignition interference. Installed in antenna lead of set; shielded lead supplied. Complete instructions furnished. Shpg. wt. 2 lbs.



K14202 List \$2.25
Your Cost **\$1.25**

1938 Buick Running Board Insulator Kit



8 Special hard rubber insulators, interconnecting lead and 8-ft. special shielded lead-in covered with processed braid. Shpg. wt. 8 lbs. List \$6.95

K16255 Your Cost **\$3.48**
Set of four insulators. For one running board. Shpg. wt. 5 lbs. List \$2.80

K16256 Your Cost **\$1.65**

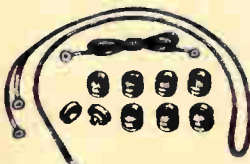
1937 Buick Running Board Insulator Kit

Kit contains 8 hard rubber insulators, inter-connecting lead and 8-feet of special shielded lead-in covered with processed braid. Shpg. wt. 8 lbs. List \$5.50

K16253 Your Cost **\$2.94**
Set of four insulators. For one running-board. Shpg. wt. 5 lbs. List \$2.00

K16254 Your Cost **\$1.09**

Oldsmobile 1937 Kit



Contains eight special hard fibre insulators, 8-ft. of low loss heavy lacquered lead-in protected by a shielded loom covered with processed braid, and 8-ft. of interconnecting lead (waterproofed). Full instructions included. Shpg. wt. 7 lbs. List \$5.50

K16252 Your Cost **\$2.94**

NEW! Brach Bumper Aerial Kit



Use the rear bumper of your car and have a perfect auto antenna. Less static and ignition pickup. Provides perfect auto reception. Kit includes four universal bumper insulating fittings for all cars and bumpers, shielded cable and mounting clips. Full instructions for easy installation.

K18277 Your Cost **\$2.65**
K16278 Extra Insulators. . . . 44c

Truestest Auto Radio Suppressors



High quality suppressors housed in black molded cases.

No.	Type	Description
K5283	A	Standard Spark Plug
K5246	A	Special for Ford V8
K5278	B	Compact Spark Plug
K5247	B	Compact Spark Plug Type for Ford V8
K5253	C	Cable Type for Buick
K5285	D	Elbow Cable Type
K5279	E	Standard Distributor
K5293	F	Distributor Type for Ford 1936 and earlier
K5277	F	Distributor Type for Ford 1937 and 1938

5 for .55c
7 for .75c
9 for .94c
Your Cost Each **12c**

For 1938 PLYMOUTH



Elbow type with standard connector. Molded case.

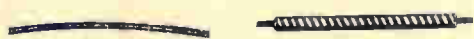
K5256 Your Cost Each **12c**
(same quantity prices as shown at left below.)

Wire Wound Suppressors

Type G. Low resistance units, R.F. chokes in molded cases. Each

K5296 Spark Plug Type **27c**
K5297 Distributor Type **27c**
10 for **\$2.50**

Remote Control Cable and Housing



Finest quality cable for auto radio remote controls. Cable ends swaged cannot unravel. Available in standard lengths, cable only or cable in steel housing. Write for special prices on long lengths. Wt. 1 lb. per foot.

Cable Only				Cable and Housing			
.130"	.150"	Length	Your Cost	.130"	.150"	Length	Your Cost
Stock No.	Stock No.	In.	Each	Stock No.	Stock No.	In.	Each
K8299	K8433	18	24c	K8304	K8437	18	38c
K8300	K8434	24	29c	K8305	K8438	24	50c
K8301	K8302	30	36c	K8306	K8307	30	62c
K8303	K8435	36	42c	K8308	K8439	36	73c

We maintain at all times a complete stock of fittings to service practically all automobile remote control cables now in use. Sizes to fit both .130" and .150" cables. We can supply cables and any fittings separately, or cables complete with any fittings, at lowest cost. Write describing type of fittings required and we will be glad to quote prices for parts alone or complete assembly.

Special Cable for Majestic, Clarion, A. K., and Arvin Sets 9-foot cable with 8-foot sheath. Exact duplicate

K16078 Your Cost **94c**

CLAROSTAT Auto Controls



Three types of controls service practically all standard auto radios. Type A has slotted shaft and is supplied with sleeve; type B has shaft milled on both sides and is supplied with sleeve; type C has slotted shaft inside the bushing.

Type A	Type B	Type C	Resistance Ohms
Stock No.	Stock No.	Stock No.	
K7100	K7107	K7114	200,000 (linear taper)
K7101	K7108	K7115	250,000 (audio, tone, a.v.c.)
K7102	K7109	K7116	350,000 (audio, tone, a.v.c.)
K7103	K7110	K7117	500,000 (audio, tone, a.v.c.)
K7104	K7111	K7118	1,000,000 (audio, tone, a.v.c.)
K7105	K7112	K7119	350,000 tapped at 75,000
K7106	K7113	K7120	2,000,000 tapped at 1,000,000

List Price \$1.50
Your Cost Each, Any Above Type. **88c**

Switch Coverplates for Above

K7121 S.P.S.T. K7122 S.P.D.T. K7123 D.P.S.T. **20c**
List Price 50c. Your Cost Each, Any Type

Full-Wave Vibrator Transformer



Open frame type with long leads. 6-volt primary; secondary delivers 225 volts c.t. at 40 milliamperes. Ideal for general replacement purposes. Heavy duty core, high voltage insulation. Overall size: 2 3/4" high, 1 3/8" deep, 3 3/4" wide; centers 2 3/4" x 1 3/4". Shpg. wt. 4 lbs. Quantity limited. **94c**
K1547 - Your Cost

Standard Auto Radio Condensers



These units will efficiently eliminate the noise caused by the generator commutator and the cutout. Easy to install. Completely shielded; dirt and oil proof.

Stock No.	Cap.	Your Cost	19 for
K14220	.25 mfd.	15c	\$1.35
K14215	.5 mfd.	19c	1.70
K14216	1.0 mfd.	24c	2.15

FORD V8 Condensers



Tailor made for Ford V8's. K14219 Type A. For V8 models up to 1936.

K14199 Type (B) for '37 and '38's. 10 for \$2.40
Your Cost Each, Either Type. **26c**

MOTOROLA 65 and 70 Special Condenser



High voltage condenser used in the above models. Consists of two .0008 mfd. 1000 volt units in a single housing. Four leads. List 60c.

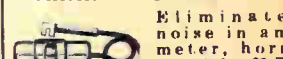
K14207 Your Cost Each **35c**
10 for **\$3.15**

Dome Light Filter

Eliminates the noise in dome light wiring. Has condenser choke.

K14208 5 for \$1.25
Your Cost **31c**

Ammeter Condensers



Eliminates noise in ammeter, horn, etc. 10 for \$1.70.
K14218 Each **19c**

SPRAGUE Oil and Gas Gauge Filters

For late 1935 and 1936 Ford V8. Similar in appearance to above.

K14203 Oil Gauge Filter.
K14204 Gas Gauge Filter. **29c**
Your Cost Each

Wheel Static Eliminator

Eliminates front wheel noise. Easy to install in each hub cap. All rust proof.

K5294 Your Cost Each **5c**
10 for **42c**

AEROVOX "Hash" Condenser

A tubular paper condenser which mounts directly on car generator and is connected across terminals. Suppresses all generator noises. Capacity .5 mfd., 100 volts d.c. working voltage. Has grounded bottom bracket and top terminal lug. Size: 1 1/2" x 1 1/2" **24c**
K14217 Your Cost Each

Auto Radio Accessories

RCA MONOGRAM Antenna



No. 9823

A new top antenna of outstanding appearance and efficiency. Streamlined Bakelite insulator with special rubber suction cups provides easy installation. Has high gloss satin finish, guaranteed rust and corrosion proof. Extends from 21" to 35 1/2" in length. Cowl bar also telescopic. Fits any car. Low-capacity shielded lead-in cable fitted with male connector. High signal pickup. Easy to install. Instructions furnished. Shpg. wt. 3 lbs.

K21980—Your Cost. \$2.32

RCA Di-Pole Antenna



This RCA noise reducing antenna, in operation, acts as a counterpoise with the car acting as the antenna. The overall length and height are adjustable so that the antenna will fit any car. With hardware and instructions. Lead-in cable furnished. No. 9605. Wt. 3 lbs.

K22018 Your Cost \$1.53

RCA Cowlenna No. 9825

Latest type vertical antenna. Permanently installed to side of cowl. Streamlined insulator includes rubber pad to insure perfect seal. Extends from 28 3/4" to 49 1/4" in length. Rust and corrosion proof, high gloss satin finish. With low-capacity shielded lead-in. Wt. 2 lbs.



K21981 Your Cost \$1.73

RCA Rodtennas No. 9851

New, popular-priced rust-proof auto antenna. Highly efficient. Extended—47 1/2"; closed—26". Stainless steel extension, lower section is chrome-plate. 36" lead-in.



K21977 Your Cost \$1.15

Telescopic Type, No. 9827. Attaches to hinge pin of any car. Made of non-rusting metal with high-gloss satin finish. Extends from 29 1/2" to 50 1/2". With 36" shielded cable. **K21982 Each \$1.32**

Flexible Type, No. 9793. As above, but made of high carbon vanadium steel, triple chromium plated. Noise free. **K22025 Each \$1.62**

Double Rubberall Auto Aerial



Trombone type deluxe car antenna. Steel rods entirely sealed in rubber. With new umbrella type rubber insulators and mounting brackets. Instructions furnished. No drilling. Wt. 6 lbs. **K22035 Your Cost \$1.65**

Hinge Aerials

Constructed of brass, heavily chrome plated. Easily attached to the door hinge on any car. Strong cast bracket of white meta with large bolt and lock nut. Absolutely rust proof. Furnished with 3-foot weatherproof lead-in cable. Maximum extended length, both models listed, 50". Shpg. wt. each 3 lbs.

K21987—Two-Sections Your Cost \$75

K22046—Three-Sections Your Cost \$94

Side Cowl Antennas



Used extensively by many auto manufacturers as standard equipment. Constructed of seamless brass tubing chrome plated, top sections stainless steel. Have molded Bakelite insulators. Supplied with new "single motion couplers" with 20"

shielded weather-proof lead. This newly designed coupler provides positive aerial and ground connections, cuts out motor noises.

No.	Sections	Lgth.	Each
K22045	2	52"	\$1.49
K21988*	2	52"	1.62
K21983	3	60"	\$1.98
K21930*	3	60"	\$2.25
K21931	3	72"	
K22037†	3	95"	

*Special Motorola coupling. †All steel, chrome plated.

Single Channel Antenna

Very rugged and efficient. Made of rust-proof metal with flexible molded rubber insulators. 50" long. With lead-in wire and adjustable brackets. No holes to drill. Shpg. wt. 3 lbs. **K16243—Your Cost \$95**



Double Channel

Two of the above, for installation on both boards. **K16244—Your Cost \$1.80**

New 8 Ft. 4-Section Hinge & Cowl Antennas

Full 96" when extended, 30" when collapsed and made in 4 sections. Made of Admiralty metal, chromium plated with stainless steel extension. Very good for 5 meter half-wave and 10 meter quarter-wave radiation, as well as for police and experimental two-wave communication systems. Hinge antennas are equipped with brackets for both upper and lower hinges, providing necessary rigidity. All antennas supplied with 36" lacquered lead-in wire covered with shielded loom with processed braid.

K21975 Hinge Type Your Cost \$3.15 Each

K21976 Cowl Type Your Cost \$3.40 Each

8-Ft. Bumperod



3-Piece Telescopic unit, three sections. Maximum Length 8-feet (ideal for 5-meter work). Steel, rust proof with overall cadmium plating. Fits any front or rear bumper. With shielded

lead. Shpg. wt. 4 lbs. **K22032 Your Cost \$1.29**

1-Piece BUMPEROD

Single steel rod, cadmium plated. Length 60". With 12-foot lead. Shpg. wt. 4 lbs. **K22030 Your Cost 69¢**

Low Loss Lead-In

Heavily lacquered, protected by a shielded loom and covered with processed braiding. With male connector and ground lead.

Stock No.	Length	Your Cost
K22027	4 feet	39¢
K22028	6 feet	57¢
K22029	8 feet	78¢

PREMAX Tri-Bar Antenna Model CS-2



New in design and attractiveness. Sliding spear rod always makes perfect electrical contact and will not rattle. Installed with a minimum of labor. Made of Chrome-Nickel stainless steel, will not rust or corrode. Side cowl type made for 2-hole mtg. Supplied with 30" of shielded lead-in cable.

K21973 Cowl Type \$2.06 Your Cost

K21974 Hinge Type \$1.47 Your Cost

Door Hinge Aerials 1-Piece

Easily attached to the door hinge of any car. Solid steel rod, 30" long, cadmium plating on copper. Catalin insulation. No drilling. With 3-foot lead.

K22040 Your Cost 57¢

3-Piece Aerial

3-Piece telescopic unit, stretches to total length of 60". The two lower sections are of brass, chrome plated; the top section is of stainless steel. Molded rubber insulator. With 5-foot lead. Wt. 4 lbs. **K22036—Your Cost \$1.45**

Aero-Top Antennas



Provide improved reception. Made of seamless brass tubing 3/8" diameter, with triple chrome plating. Absolutely rust-proof. No drilling necessary. Heavy Bakelite insulators set in 3" diameter suction cups.

K22033 For cars with windshields that open. Your Cost \$2.10

K22034 For cars with windshields that do not open. Your Cost \$2.49

K22039 Special for General Motors cars. Your Cost Each \$2.49

RADIART Cowl Antenna



Telescopic car antennas that are highly efficient and easy to install. Lower sections of brass, nickel and chrome plated; upper sections of stainless steel, nickel and chrome plated. Molded extra-heavy Bakelite insulators. Rust and corrosion proof. Noise free. Lots of 6, extra 10% discount.

Stock No.	Sections	Length	Your Cost
K21983	2	31-51"	\$1.73
K21984	3	24-60"	2.20

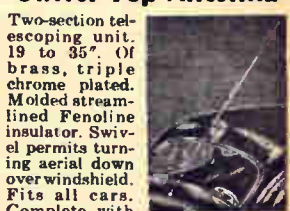
Shielded 36" lead with connector. **K21985 Each 29¢**

Triangle Auto Antenna



Fibrex insulation pieces. Long sash cord antenna wire. Tension spring and eye bolt assembly. Antenna lead fixed to lead-in wire. Wt. 4 lbs. **K16472—Your Cost 49¢**

Swivel Top Antenna



Two-section telescoping unit. 19 to 35". Of brass, triple chrome plated. Molded streamlined Fenoline insulator. Swivel permits turning aerial down over windshield. Fits all cars. Complete with lead-in wire 10% discount in lots of 6. **K21979—Your Cost \$2.25**

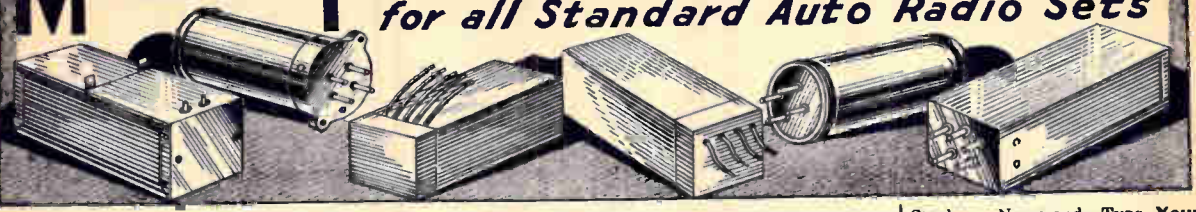
"Trombone" Antenna



A directional antenna that delivers maximum pick-up with minimum noise. Easy to install. Complete with shielded lead-in wire and adjustable mounting brackets. Wt. 4 lbs. **K16242—Your Cost \$59**

MALLOREY REPLACEMENT VIBRATORS

for all Standard Auto Radio Sets



Stock No.	Name and Model	Type No.	Your Cost
K6088	Admiral L7, Z4, Z5	245C	\$2.91

Stock No.	Name and Model	Type No.	Your Cost
K6137	Arvin 15, 25, 35, 45 (1st series)	296	1.73
K6135	15, 25, 35, 45 (2nd series)	292	2.03
K6135	10A, 20A, 20B, 30A, 30B, 16	292	2.03
K6136	7, 17, 17A, 27, 37, 18, 28, 33	294	1.73
K6096	61B, 62B, 517B	245	2.91
K6136	6, 19, 29, 39	294	1.73
K6136	5, 22A, 32, 42	294	1.73

Stock No.	Name and Model	Type No.	Your Cost
K6137	Atwater-Kent 666, 776	296	1.73
K6168	816	226	3.50

Stock No.	Name and Model	Type No.	Your Cost
K6136	Belmont 566, 666, 690	294	1.73
K6137	670A, 680A, 880A, B, C	296	1.73
K6135	660	292	2.03

Stock No.	Name and Model	Type No.	Your Cost
K6125	Bosch 5 2 4 A, 6 3 4, 6 3 4 A, 1 3 9, 5 3 6, 1 4 9, 6 3 6	253Y	2.32
K6127	140 (Ed. 2 & 3)	271	3.50
K6106	150 (Ed. 1)	219	4.41
K6127	45A, 45C, 160	271	3.50
K6123	79C	253	2.32
K6136	736, 737, 738	294	1.73
K6096	600	245	2.91

Stock No.	Name and Model	Type No.	Your Cost
K6113	Buick—Olds—Pontiac 980939, 364441	221	2.32
K6114	980469-980465	222	3.23
K6114	980441	222	3.23
K6130	393884-5	273C	3.23
K6130	544267-8-9	273C	3.23
K6130	544290-1	273C	3.23
K6130	982006-7-8	273C	3.23
K6130	983506-7	273C	3.23
K6130	405045-6-7	273C	3.23
K6167	980507-8-9	273D	3.23
K6130	405062-3	273C	3.23

Stock No.	Name and Model	Type No.	Your Cost
K6106	Cadillac 06W Stand.	210	4.41
K6106	26W Master	210	4.41
K6104	071 (062)	206	3.82
K6106	2722 (072A)	211	4.41
K6123	6U2	253	2.32
K6113	56V1	221	2.32
K6098	6KB, 1937 Mod.	248	2.91

NOTE: Additional discount of 10% from prices listed is allowed on purchases of 6 or more vibrators, assorted or all one type. Listing below is of popular types only; we carry a complete stock at all times. Write for prices on unlisted models, specifying model of set and vibrator number.

Stock No.	Name and Model	Type No.	Your Cost
K6113	Chevrolet 364441	221	\$2.32
K6114	600249-600566	222	3.23
K6114	600153-600666	222	3.23
K6130	985400	273C	3.23
K6130	601814-601662	273C	3.23
K6136	985100-200	294	1.73
K6167	985300	273D	3.23

Stock No.	Name and Model	Type No.	Your Cost
K6136	Clarion AR100 (4-pr.)	294	1.73
K6137	6-Prong	296	1.73

Stock No.	Name and Model	Type No.	Your Cost
K6113	Colonial 106B Supp.	221	2.32
K6112	164	220B	2.65
K6137	164B	296	1.73
K6127	150 Syn.	271	3.50

Stock No.	Name and Model	Type No.	Your Cost
K6115	Crosley 98 99, 102, 103, 5A1	223	3.50
K6169	4A1, 5A3, A155	247	2.91
K6130	A166, A255, A355, A366	273C	3.23
K6170	A156, A266	501P	1.73
K6136	A168, A258	294	1.73

Stock No.	Name and Model	Type No.	Your Cost
K6130	Delco 626-7-8-9	273C	3.23
K6130	634-5	273C	3.23
K6136	630-1-2-3	294	1.73
K6113	2035, 4036	221	2.32
K6114	4037, 4038	222	3.23
K6149	R663 to R669	294C	1.73

Stock No.	Name and Model	Type No.	Your Cost
K6137	Emerson 965, 667 (6 pr.)	296	1.73
K6132	5A	277S	3.50
K6125	6A	253Y	2.32
K6114	678-1 and 2	222	3.23

Stock No.	Name and Model	Type No.	Your Cost
K6112	Ford 40-18805 Maj.	220B	2.65
K6122	Philco	500P	1.73
K6170	Philco1936, 1937	501P	1.73

Stock No.	Name and Model	Type No.	Your Cost
K6127*	General Electric B40, C41, B52	273	3.50
K6123	C60	253	2.32
K6165	C61	224	4.12
K6133	D50, D51, D52	287M	3.23
K6136	D72, N60	294	1.73
K6098	N51, FA60-1	248	2.91

Stock No.	Name and Model	Type No.	Your Cost
K6112	Hudson-Terraplane Majestic Head 220B		\$2.65
K6135	651HE, 650HD, 660TD, 661TE	292	2.03
K6136	666, 680, H6	294	1.73

Stock No.	Name and Model	Type No.	Your Cost
K6106	Lafayette S17762	210	4.41
K6133	B-62	286S	3.23
K6104	062, 062A	206	3.82
K6123	L30, 6S	253	2.32
K6137	L-23, AM20	296	1.73
K6136	C60, LW10	294	1.73

Stock No.	Name and Model	Type No.	Your Cost
K6112	Majestic 66, 116, 118	220B	2.65
K6112	40-18805	220B	2.65

Stock No.	Name and Model	Type No.	Your Cost
K6135	Montgomery Ward 87	292	2.03
K6123	62-118, 62-166	253	2.32
K6104	62, 062	206	3.82
K6144	62-136, 62-138	F253	2.62
K6133	5Y, 62-199	286S	3.23
K6137	102	296	1.73
K6136	62,202, 62-236	294	1.73

Stock No.	Name and Model	Type No.	Your Cost
K6136	Motorola 34, 8-30, 8-40	294	1.73
K6138	88	302S	3.82
K6138	61	303S	3.82
K6116	77	230	4.41
K6126	77A, 44A, 66	270B	3.50
K6117	55A	231	4.26
K6119	44	235	3.50
K6123	Dual 6, Twin 8	253	2.32
K6136	50, 60, 80, 90	294	1.73
K6124	57, 75, 100	253T	2.32
K6124	62, 79, 110	253T	2.32
K6117	55A	234	4.26

Stock No.	Name and Model	Type No.	Your Cost
K6122	Philco All prior to 1936, 816	500P	1.73
K6170	1936 Models, 817, 818, 819	501P	1.73
K6170	920	501P	1.73
K6093	926, 927, 928, 928K	506P	1.73

Stock No.	Name and Model	Type No.	Your Cost
K6127*	RCA-Victor M34, M105, M116	273	3.50

Stock No.	Name and Model	Type No.	Your Cost
K6123	Sears-Roebuck M107	253	\$2.32
K6171	5M, 6M, 6M2	249	2.91
K6165	M123	224	4.12
K6136	H-6, M109, 67M	294	1.73
K6133	M101, 104, 108	287M	3.23
K6171	67M1-2-3	249	2.91
K6136	8M, 8M1, 8M2	294	1.73
K6171	8M3, 8M4	249	2.94

Stock No.	Name and Model	Type No.	Your Cost
K6136	Sears-Roebuck 7128 (4 pr.)	294	1.73
K6137	566, 666	294	1.73
K6171	7128 (6 pr.)	296	1.73
K6171	4400, 107HA62	249	2.91
K6136	7157, 7167	294	1.73
K6127	1859, 7117	271	3.50
K6149	4600, 4601	294C	1.73

Stock No.	Name and Model	Type No.	Your Cost
K6135	Sparton 33, 33A, 333, 333B, Non-Syn.	292	2.03
K6114	36, 33, Syn.	222	3.23

Stock No.	Name and Model	Type No.	Your Cost
K6136	Stewart-Warner 1171, 1172, 1311, 1332	294	1.73
K6135	1121, 1122, R112, 1123	292	2.03
K6136	131, R-117-118	294	1.73

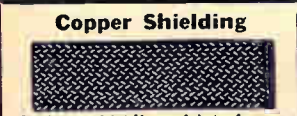
Stock No.	Name and Model	Type No.	Your Cost
K6106	Stromberg-Carlson 33, 33A	236	4.41

Stock No.	Name and Model	Type No.	Your Cost
K6135	Wells Gardner V622, Z6Z1	292	2.03
K6133	25Y1	286S	3.23
K6146	25Y1 (12V)	G286S	4.41
K6104	062, 062A	206	3.82
K6106	072, 072A	211	4.41
K6106	06W (1st)	210	4.41
K6106	06W (2nd)	237	4.41
K6123	6U, 6S, 26U1	253	2.32
K6144	26B1, 26B5	F253	2.62
K6098	6K, 6J	248	2.91

Stock No.	Name and Model	Type No.	Your Cost
K6136	Westinghouse WR25 (4 pr.)	294	1.73
K6137	WR26 (6 pr.)	296	1.73

Stock No.	Name and Model	Type No.	Your Cost
K6137	Zenith 7, Ford	296	1.73
K6113	460, 462	221	2.32
K6136	666, 668, 680, 6M91D, 7M91S	294	1.73
K6136	7M91D, 6M90S, 6M90D, 6M92	294	1.73

Cup Adapter, when purchased with vibrator. **K6148—Your Cost \$2.99**
*Means cup adapter is necessary.



Copper Shielding
Used for shielding of interference creating circuits. Closely woven.

Stock No.	Per Ft.	Diam.	Stock No.	Per Ft.
K16234	1 1/2c	1/4"	K16237	2 1/2c
K16235	2c	3/8"	K16238	3c
K16236	3c	1/2"	K16239	4c



Shielded 7 MM. Wire
Lacquered braided wire with a heavy rubber wall and outer covering of tightly woven tinned copper shielding. Wt. 7 lbs.-100 ft.

Stock No.	Per Foot	Your Cost
K16211		5c
K16213	100 Foot Spool	\$4.25

Auto Ignition Wire





Special values in DRY

ELECTROLYTICS

8 Mfd.-450 V. Dry Electrolytic



550 Volts Peak

In flanged cardboard containers. Has long insulated leads for connections. Of standard manufacture, fully guaranteed. Dimensions: $3\frac{1}{8} \times 1\frac{1}{2} \times \frac{1}{16}$ high. Centers $3\frac{1}{16}$.

K3200—
Your Cost **15¢**
Special, 25 for \$3.40

Dual 8 Mfd.-450 V. Dry Electrolytic



550 Volts Peak

High-grade dual dry electrolytic condenser. In cardboard container with flanges. Four leads—separate sections. Fully guaranteed. D.C. working voltage 450. Overall dim.: $4\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$ high. Slotted mtg. centers $3\frac{1}{4}$ to $3\frac{1}{2}$.

K3201—
Your Cost Each **34¢**
10 for \$3.10

16-8-5-5 Mfd. 200 —35 V.



Filter and By-Pass Block

Especially suited for use as filter and by-pass block in AC-DC midgets. Four sections; 16 and 8 mfd. at 200 volts peak; 5-5 mfd. at 35 volts peak. Long color-coded leads. Dim: $4\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$. Mtg. centers $3\frac{1}{4}$ to $3\frac{1}{2}$.

K3202—
Your Cost Each **35¢**
10 for \$3.20

8-8 Mfd. 280-380 V. 5-5 Mfd. 40 V.



Excellent for use in a.c.-d.c. midgets. An unusual bargain in a quality, high grade electrolytic. Complete filter and by-pass block in cardboard container with flange. 5-5 mfd., 40 volts peak; 8 mfd., 280 volts peak; 8 mfd., 380 volts peak. Coded leads. $4\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$.

K672—Your Cost
Each **10¢**
10 For 89¢

12-8-8-10 Mfd. 450-400-350-25 V.

Complete filter and by-pass unit housed in tubular impregnated cardboard container 5" high, $1\frac{1}{8}$ " diam. Long coded leads. 12 mfd., 450 volts; 8 mfd., 400 volts; 8 mfd., 350 volts; 10 mfd., 25 volts. For upright or inverted mounting, with bracket.

K720—
Your Cost **29¢**
10 For \$2.75



Multiple Sections Cardboard Cased



Multiple units housed in aluminumized cardboard cartons and provided with flanges. Long leads. **K714—**3-3-10 mfd., 450-150-25 volts. Common negative. Size: $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{8}$ "; centers 3".

K715—4-4-8 mfd., 450-25-25 volts. Common negative. Size: $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{8}$ "; centers $3\frac{1}{4}$ ".

Your Cost Each, Either Above Types ... **10¢**
10 for 90¢

K716—10-10 mfd., 25-25 volts working. Common negative. Size: $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{8}$ "; centers $2\frac{1}{2}$ ".

Your Cost Each, Special **9¢**
10 for 75¢

KIT OF 10 POPULAR SIZE ELECTROLYTICS



Ten dry electrolytic units. Included are carton, tubular and aluminum can types, etc. Single and multiple section electrolytics in each kit. By-pass and filter (550 volts peak) types. Shpg. wt. 3 lbs. **K3868—** **\$1.49**
Your Cost \$1.49

COSMIC Compact Dry Electrolytics



(use 6-32 bolts and nuts) as shown in the illustration above. Save complete blocks by replacing defective sections only. All have separate negative and positive leads. Impregnated cases.

Stock No.	Cap. Mfd.	Work. Volts	Your Cost	Stock No.	Cap. Mfd.	Work. Volts	Your Cost
K2686	5	35	\$0.15	K2692	12	200	\$0.25
K2687	5-5	35	.21	K2693	16	200	.28
K2688	25	50	.25	K2694	20	200	.30
K2689	50	50	.35	K2695	2	550	.22
K2690	4	200	.21	K2696	4	550	.25
K2691	8	200	.24	K2697	8	550	.35

AC-DC Replacement Electrolytics

Tubular fibreboard dry electrolytics with spade lug mounts. Varnished and impregnated for long life. Fully guaranteed. Long 6" color-coded leads. Overall size: $2\frac{1}{2}$ " high, $1\frac{1}{8}$ " diameter each except dual 8 mfd. 475 volt unit which is $4\frac{1}{4}$ " high. Swell for replacement of multiple section blocks, tubulars, etc.—in AC-DC midget receivers.

K689—Consists of 14-8 mfd. at 175 p.v. and 10-10 at 35 p.v.

Your Cost **39¢**
Each

K692—16-8 mfd. at 175 p.v. and 5-5 at 35 p.v.

Your Cost **39¢**
Each

K694—16-16-8 at 175 p.v. and 5-5 at 35 p.v.

Your Cost **39¢**
Each

K696—8-8 mfd. at 475 p.v. ($4\frac{1}{4}$ " high).

Your Cost **39¢**
10 Assorted of above sizes **\$3.50**

Dual 4 Mfd. 300-150 V.

With lugs. 4 mfd. 350 volts, 4 mfd. 150 volts. $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ centers $4\frac{1}{2}$ ".

K717— **12¢**
Your Cost Each
10 for \$1.05

8 Mfd.-350 V. Tubular Electrolytic

Compact varnished tubular electrolytic; with wire pigtail. Dim: $2\frac{1}{2}$ " L., $\frac{3}{4}$ " dia. 350 W. volts.

K666— **12¢**
Your Cost Each
10 for \$1.10

Inverted Wet Electrolytics

Round aluminum cans, with lug terminals. Can negative. All equipped with palm-out for mounting. All self-heating type. Mount upright. Size: $4\frac{1}{2}$ " high, $1\frac{1}{2}$ " diam. Quantities of these condensers are extremely limited. Shpg. wt. each 1 lb.

Stock No.	Cap. Mfd.	Wkg. Volts	Each
K709	30	125	9¢
K710	16	320	14¢
K712	8	375	12¢
K713	10	440	
K2700	8	450	
K2701	16	450	



14¢

25 Mica Condensers



An assortment of 25 high quality mica condensers in a wide range of usable capacities. All popular types. Include Bakelite cased units with pigtail leads, solder lugs, and other standard mounts. **K4167—** Kit of 25 **39¢**
Your Cost, Special

25 Metal Cased By-Pass Units



All popular sizes, unused, in perfect condition. Wide range of capacities. In drawn metal containers with mounting facilities. Offered at a "give-away" price. **K3309—** Kit of 25 **59¢**
Your Cost, Special

Metal Tab Mica By-Pass Condensers



Compact metal-cased mica by-pass condensers. Low capacities, .0001 and up. Unmarked, but offered at a ridiculously low price. Assorted sizes in Kit of 100. Shpg. wt. 4 lbs. **K665—** Your Cost for **39¢**
100.

Tubular Cartridge Paper By-Pass Units

A line of standard size tubular by-pass condensers at extremely low prices. Tinned copper leads.



Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K3507	.01	400	\$0.03
K3508	.05	400	.04
K3509	.1	400	.04
K3510	.25	400	.07
K3511	.5	400	.10
K3512	1.0	400	.15
K3512	.001	600	
K3513	.002	600	
K3514	.005	600	3¢
K3515	.006	600	
K3516	.01	600	
K3517	.02	600	
K3518	.05	600	4¢
K3519	.1	600	.05
K3524	.25	600	.09
K3525	.5	600	.13

25 Tubular By-Pass Condensers



Contains 25 popular tubular by-pass condensers, are of standard capacity and working voltage. Capacities range from .00025 to .1 mfd. Shpg. wt. 2 lbs. **K3360—** **59¢**
Your Cost, Kit of 25

.01 Mfd. Tubular Unit 200 Volts

Unmarked. 200 volts d.c. voltage. .01 mfd. 100 for \$1.60. **K678—** Your Cost Each **2¢**

BUY NOW -- QUANTITIES LIMITED



Last Minute Specials

QUANTITY LIMITED



6", 8", 10" and 12" Dynamic Speakers

Fine new speakers for newly constructed sets, or for replacement. 8, 10 and 12" speakers equipped with hum-bucking coils. Fields specified below for each.

K19207—12" Dynamic. 1250 ohm Type A field; 1 1/4" voice coil. Output transformer—14,000 ohms ct., for pp 42, 6F6, 2A5, etc. Shpg. wt. 11 lbs. **Your Cost**..... **\$1.95**

K19208—12" Dynamic. 450 ohm field; 1" voice coil; Type A field. Output transformer—2,500 ohms for 6L6, 2A3 or 6A3. Shpg. wt. 11 lbs. **Your Cost**..... **\$1.75**

K19232—10" Dynamic. 1000 ohm field, Type B; output transformer for single 47, 2A5, etc. 1 1/4" voice coil. Shpg. wt. 9 lbs. **Your Cost**..... **\$1.45**

K19202—8" Dynamic. 2500 ohm field, Type A; 3/4" voice coil. Output transformer for pp 47's, 2A5's, etc. Shpg. wt. 8 lbs. **Your Cost**..... **\$1.39**

K19203—8" Dynamic. 450 ohm field, Type B; 1" voice coil. Output transformer 2500 ohms, for 6L6, 2A3 or 6A3. Wt. 8 lbs. **Your Cost**..... **\$1.25**

K19204—8" Dynamic. 1000 ohm field, Type B; 1" voice coil. Output transformer—7000 ohms, for single 47, 42, 6F6. Wt. 8 lbs. **Your Cost**..... **\$1.39**

K19131—6" Dynamic, Less Output. 1800 ohm field } **98c ea.**
K19130—6" Dynamic, Less Output. 2500 ohm field }

K19124—6" Dynamic. 2500 ohm field. Output transformer matches single 47, 2A5, etc. Wt. 7 lbs. **Your Cost**..... **\$1.35**

K19219—Same as above, but 1500 ohm field. Each...... **\$1.19**



Auburn RADIO TUBES

- ★ 6 Months Guarantee
- ★ Licensed by RCA
- ★ Lowest Prices in Years



Our tremendous purchasing power enables us to offer these 1st grade, fully RCA licensed tubes at the lowest price in years. All very popular numbers; midjet set types and early TRF A.C. set tubes especially included. Servicemen will find that it pays to carry a supply of them on calls. Each enclosed in shockproof carton, as illustrated above. All new dome-shaped types. Every one is meter tested and guaranteed for 6 months, except for burnouts and broken glass. Never before offered at these low prices!

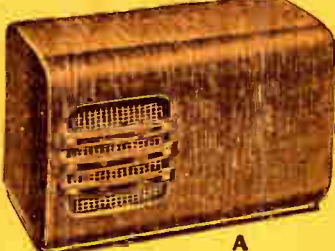
Type No.	List Price	Your Cost	Type No.	List Price	Your Cost
6A7	\$1.50	35¢ EACH	26	\$0.70	23¢ EACH
6C6	1.20		27	.80	
6D6	1.20		45	.90	
24A	1.10		80	.70	
25Z5	1.25		30	1.00	26c
42	1.20		2A3H	2.50	15c
43	1.50				

5% DISCOUNT IN LOTS OF 25 (May be assorted)



Modern Console Cabinet

This beautiful modern console cabinet is a real bargain for servicemen performing modernization work or set constructors. It is an attractive straight walnut affair, solidly built with a flat top which permits placement of a small lamp or other similar ornament. Curved sides, with projecting curved front, as illustrated. Ornamental grille over speaker opening. Fine lustre finish which will withstand considerable wear. Large area speaker opening, covered by grille cloth, for sound. Baffle board cut for 12" speaker. Chassis compartment dimensions: 21 1/2" wide, 12 1/4" deep. Panel space: 14 1/4" wide by 14 1/4" high; hence, a large size chassis can be accommodated. Overall dimensions are as follows: 27 1/2" x 42" x 14 1/4" deep. Perfect acoustic construction—will aid reproduction. Only a limited quantity at the low price quoted. Shpg. wt. 53 lbs. Code CABCD. **Mode 1901—Your Cost**..... **\$8.95**



Mantel Cabinets

All handsome, fine-grained American walnut veneer cabinets for housing small or midjet receiver chassis. Solid construction with mounted baffleboards.

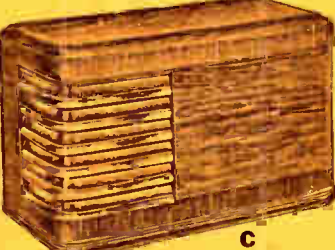
Mantel Cabinet

Model 902—"A" illustration. Baffle for 5" speaker. Dimensions: 14 1/2" x 8 7/8" x 6 3/4" deep. Highly polished finish. Shpg. wt. 8 lbs. Code CBCEDE. **Your Cost**..... **\$2.75**



Lay-Down Cabinet

Model 911—"B" illustration. Speaker baffle cut for 6" speaker. Recessed base with ornamental grille work finished somewhat darker to produce a pleasing two-tone effect. Dimensions: 17 1/4" x 9 7/8" x 8 1/2" deep. Highly polished. Wt. 12 lbs. Code CDEFG. **Your Cost**..... **\$3.25**



DeLuxe Cabinet

Model 913—"C" illustration. DeLuxe cabinet, with louvre-type speaker grille for improved reproduction. Baffle cut for a 6" speaker. Will accommodate a fair-sized chassis. Dimensions: 18 1/2" x 9 3/4" x 11 1/4" deep. Highly polished finish. Undrilled panel. Modern streamline construction. Shpg. wt. 13 lbs. Code CEFGH. **Your Cost**..... **\$4.45**



BI-PHONIC Acoustic Speaker Cabinet

A revolutionary, new in speaker cabinet designed to improve and aid reproduction. Made of 1/2" pine plywood and masonite, with a number of half-round glazed pieces of spruce or cedar—the internal construction is such as to cause controlled reverberation and reflection of sound waves. Then by wave cancellation and reinforcement, the final or projected sound wave is made to more closely approach the ideal. Cabinet resonance is overcome, and the efficiency of this speaker cabinet is rated at 3 to 10 db better (between 40 and 9000 cycles) than a properly designed infinite-baffle. Speaker opening for a 12" speaker. Overall dim.: 36" x 20" x 13" deep. Available finished in ebony black with polished maple grille bars, etc. Also available unfinished, for those who prefer to finish the cabinet themselves. For custom set builders and PA men who have musically critical

Walnut Speaker Cabinet

A beautifully styled hardwood speaker cabinet. House speaker up to 12" in dia. Constructed of the finest walnut veneers with high polished finish. Ideal for extension speakers. Overall size: 16" x 12 3/4" x 9 3/4" deep. Wt. 6 lbs. **K22138—Your Cost**..... **\$3.25**



Mantel Cabinet

Constructed of high grade walnut veneers. Size: 18" high, 14 1/2" wide and 13" deep. Take up to 8" speaker. Cutouts for dial and controls. Provisions for "Eye."



Model 715—Wt. 6 lbs. Your Cost..... **95¢**

customers. Shpg. wt. 50 lbs. **K22550—Finished Bi-Phonic Cabinet. Your Cost**..... **\$47.50**
K22551—Unfinished Bi-Phonic Cabinet. Your Cost..... **\$39.95**

High Grade Speaker Grille Cloth

Fine quality figured ornamental cloth. Approx. 12x12". **K19609—Your Cost Each**..... **9¢**
 Ten Pieces For..... **75¢**
K20949—Grille cloth, 50" wide, cut to your specified length. Your Cost per Yd..... **\$1.25**



BUY NOW - - QUANTITIES LIMITED



BARGAINS!

QUANTITY LIMITED



JEWELL & WESTON Meters



An unusual opportunity for hams and servicemen to pick up meters at a real buy. The ranges offered are useful for servicing instruments, transmitters, public address equipment, etc.

Model 476—0-3 Volts A.C. **\$1.95**
K10699—Your Cost, Special
 Model 506—0-1.5 Amps. D.C. **\$1.45**
K10698—Your Cost, Special
 Jewell Model 54—0-15 Ma. D.C. **\$1.95**
K10700—Your Cost, Special

Bakelite Octal Sockets



New type octal; replaces all standard wafer types. RMA markings on underside. Mounting centers $1\frac{1}{8}$ " and $\frac{3}{8}$ " deep.

K13107—Your Cost **4c**
 25 for **74c**

Molded Bakelite Eared Sockets



Finest quality molded Bakelite radio tube sockets; 4 and 5 prong types available. Suitable for sub-panel or top of panel mounting. $1\frac{1}{8}$ " diam., $\frac{3}{8}$ " deep; mounting centers $1\frac{1}{8}$ ". Plated prongs.

K13109—4-Prong **4c**
K13110—5-Prong **4c**
Your Cost Each

50 for **\$1.45**

Wafer Sockets

Unmarked sockets for small 7-prong tube. Centers $1\frac{1}{8}$ " apart. Double fibre insulation. Prongs plated.

K13193—7-prong **1c**
Your Cost Each
 50 for **39c** 100 for **75c**

Assorted Hardware

33c
 For a 2-lb. Kit



A big assortment for the serviceman, of assorted screws, nuts, washers, eyelets, lugs, brackets, etc. (3 $\frac{3}{4}$ pounds). Shpg. wt. 5 lbs.

K14834—Your Cost **49c**
 Same as above, but contains 2 lbs. of hardware. Shpg. wt. 3 lbs.

K14844—Your Cost **33c**

A.C. Receptacles



Rated at 5 amps., 250 volts. Mounting holes $1\frac{1}{2}$ " centers. Insulated 10" lead. Size: female, $\frac{7}{8} \times 1\frac{1}{16}$ " wide; male, $1\frac{1}{2} \times 1\frac{1}{8}$ " wide.

K13240—Male (A) **5c**
Your Cost Each
K13241—Female (B) **10c**
Your Cost Each

5-Position Tone Control With Switch



Excellent for replacement or for constructors. Dia. $1\frac{1}{8}$ "; $\frac{3}{4}$ " deep, $\frac{1}{4}$ " shaft $2\frac{1}{4}$ " long.

K12865—Your Cost Ea. **14c**
 10 for **\$1.25**

CRL Volume Controls



Popular type and sizes in genuine Centralab volume controls. Just right for replacement, custom-built sets or amplifiers. Have $\frac{1}{4}$ " shaft, $1\frac{1}{2}$ " long. $\frac{3}{8}$ " bushings.

K8260—10,000 ohms
 For Ant. & C bias. **25c Ea.**
K8264—500,000 ohms
 For Audio Grid or Tone Control **25c Ea.**

GE Double Circuit Switch



A single-pole double circuit rotary-type switch for the experimenter, serviceman or amateur. Can be used as S.P.-D.T. by connecting two lugs. Bakelite case. Shaft extends $1\frac{1}{2}$ ".

K12863—Your Cost **6c**

100 R. M. A. Color-Coded Carbon Resistors

All RMA color coded—just what the serviceman needs. These resistors are used every day in the course of repair work. Kit contains approximately the following: 25 $\frac{1}{4}$ watt, 25 $\frac{1}{2}$ watt and 50 1 watt resistors. All popular replacement values. Shpg. wt. 2 lbs.

K3852—\$1.25
 Kit of 100



50 ASSORTED RESISTORS

Similar to above kit, 50 resistors. Comprises $\frac{1}{4}$, $\frac{1}{2}$ and 1 watt, resistors all RMA color coded.

K3859—Your Cost, Kit of 50 **66c**

25 ASSORTED RESISTORS

Twenty-five assorted $\frac{1}{4}$, $\frac{1}{2}$ and 1 watt resistors. All coded. Shpg. wt. 1 lb.

K3867—Kit of 25 **35c**

4-Pole D. T. and S. P.-S. T. Switch



Bakelite insulation and self-cleaning contacts. Rear unit has one d.p.d.t. and one s.p.s.t. member; front unit is d.p.d.t. Aluminum shield between sections. A $\frac{1}{2}$ " bushing keeps the switch $1\frac{1}{2}$ " in back of panel. Bushing $\frac{3}{8}$ " diam., extends $\frac{1}{4}$ ". Shaft is $2\frac{1}{2}$ " long, milled, and $\frac{1}{4}$ " in diameter.

K12962—Your Cost **15c**

R.M.A. Color Coded Carbon Resistors



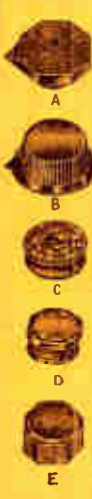
Specify stock number of type and resistance desired.

Ohms	Ohms	Ohms	Ohms
100	3000	30000	250000
150	5000	35000	300000
200	6000	50000	400000
250	7500	60000	500000
500	10000	70000	750000
600	12000	75000	1 Meg.
750	12500	80000	1 $\frac{1}{2}$ Meg.
900	13000	90000	2 Meg.
1000	15000	100000	2 $\frac{1}{2}$ Meg.
1500	17500	125000	3 Meg.
2000	20000	150000	5 Meg.
2500	25000	200000	

K5239— $\frac{1}{4}$ Watt **3c**
K5240—1 Watt
 Either Type, Each **3c**
 100 for **\$2.25**

KNOB PRICES Slashed

MOLDED BAKELITE radio knobs offered at prices far below their actual worth. All fit $\frac{1}{4}$ " shafts; all are set screw type except those marked (*), which are spring type knobs.



No.	Type	Color	Description
K9587	A*	Black	1" top, $\frac{3}{8}$ " high, $\frac{1}{4}$ " neck
K9588	A*	Green	As above, but with $\frac{1}{2}$ " neck, 1" high
K9589	A*	Walnut	As above, but with $\frac{1}{2}$ " O. D. with pointer
K9590	B	Brown	$1\frac{1}{4}$ " diam., $\frac{3}{8}$ " high
K9591	C	Black	Same as above
K9592	C	Brown	Same as above
K9593	D	Brown	$\frac{3}{4}$ " diam., $\frac{3}{8}$ " high
K9594	E	Brown	$\frac{3}{4}$ " diam., $\frac{1}{2}$ " high
K9595	F	Black	1" diam., $\frac{3}{8}$ " high
K9596	G	Black	$1\frac{1}{8}$ " diam., $\frac{3}{8}$ " high
K9597	H	Black	$\frac{7}{8}$ " diam., $\frac{3}{8}$ " high
K9598	J	Brown	$\frac{7}{8}$ " diam., $\frac{3}{8}$ " high
K9582	K*	Brown	$1\frac{1}{8}$ " O.D., $\frac{3}{8}$ " high
K9583	K	Brown	Same as above
K9615	P*	Brown	$\frac{3}{4}$ " diam., $\frac{3}{8}$ " deep



Your Cost Each, Any of the Above Types **2c**
 25 For **42c**
 100 For **\$1.48**



These knobs are similar to the above, but larger. All fit $\frac{1}{4}$ " knob shafts; all have steel set screws. Quantities limited at these prices.

No.	Type	Color	Description
K9600	L	Brown	$1\frac{1}{8}$ " diam., $\frac{3}{8}$ " high
K9601	M	Brown	$1\frac{1}{8}$ " diam., $\frac{3}{8}$ " high
K9584	M*	Brown	$1\frac{1}{8}$ " O. D., $\frac{3}{8}$ " high
K9585	M*	Black	Same as above
K9623	N	Brown	$1\frac{1}{8}$ " Dia. Top. $\frac{3}{8}$ " H.

3c Each
 25 For **59c**
 100 For **\$2.10**

Kit of 10 Radio Knobs



A handy radio knob assortment containing ten popular type knobs. Assorted bakelite types, with steel set screws or springs.

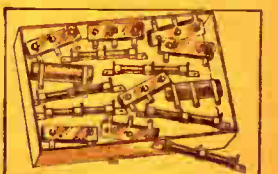
K9662—Your Cost, Kit of 10 Knobs **15c**



Standard equipment in many of the present day receivers. Shielded resistors; fibre insulation; wire wound. Mounting flanges on each unit. Ten popular sizes.

K3851—Kit of 10 **49c**

15 Bias Resistors



Fifteen assorted wire wound resistors designed for biasing tubes, tapped filament resistors, etc. Shpg. wt. 2 lbs.

K3850—Kit of 15 **23c**

Last Minute SPECIALS

Midget 6.3 V. Power X'former



For 4 and 5 tube sets. Can be mounted upright, or through 2" chassis cutout — by breaking off angle supports. Long flexible leads

or connections. Dim.: 3 1/8" H., 3" W. and 2 1/2" deep. Black enamel finish. Voltages: 680 V. ct. at 50 ma.; 5 V. at 2 A.; 6.3 V. at 2 A. Pri. for 115 V., 60 cycles. Electrostatic shield connection. K2300—Shpg. wt. 4 lbs. **Your Cost..... 54¢**

P.P. Input Transformer



Popular replacement part. P.P. input transformer, ratio 3:1. Built with high grade core material; high voltage insulation. Leads for connections. 3x2 1/2 x 2 1/2". Wt. 2 lbs. K1843 **Your Cost Each..... 45¢**

Midget Universal Output Transformer



A sturdy, extremely compact transformer for matching the output of any existing output tubes, single or p.p., to any dynamic speaker

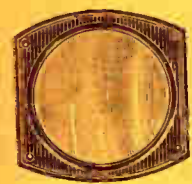
voice coil of from 2 to 30 ohms impedance. Open frame type, 2x 1 1/2 x 1 1/2"; centers 2 1/2". K5667—Wt. 2 lbs. **Your Cost Each..... 49¢**

CRL Volume Controls



Up-to-date Centralab controls in popular sizes. 3/4" shaft, —1 1/4" long. Potentiometer types, for audio or tone control circuits. Real bargain for servicemen. K8290—250,000 ohms **Your Cost Each..... 25¢ Ea.** K8265—1 Meg.

Escutcheon Plate



Ideal for set builders. Escutcheon is 5 3/8" wide, 4 1/2" high; centers 5 1/2 x 2 3/8". Celluloid unbreakable bezel 4 1/2 x 3 3/8".

K9612 **Your Cost Each..... 6¢**
10 For..... 45¢

Remote Control Head and Cables



An exceptional bargain offer. Control is designed for standard under-dash mounting, and is furnished complete with pilot light and socket, fuse retainer and battery connector. 30" high grade cables. Volume control shaft has built-in "On-Off" switch. Dial calibrated from 55 to 150, for clockwise condensers. Gear ratio 16 to 1. Complete with black molded knobs and all mounting hardware. Shpg. wt. 4 lbs. Lots of 10. **Each 49¢**
K9304 **Your Cost, Complete..... 59¢**

LACQUERED HOOK-UP WIRE



Rubber insulated with lacquered braid overall. Used by most manufacturers in wiring commercial sets.

Strands are tinned. Multi coat lacquered outer braid. **28¢**
K16344—100-ft. Coil. Shpg. wt. 1 lb.
Special, Your Cost..... 67¢
K16345—250-ft. Coil. Shpg. wt. 2 lbs.
Special, Your Cost..... \$2.25
K16342—1000-ft. Spool. Shpg. wt. 7 lbs.
Special, Your Cost.....

Service Wire Bundles



FOR QUICK CLEAN WORK

Lengths range from 2' to 1 foot. Both ends tinned. Include, push-back, r-c hookup, lacquered cotton braid, etc. All standard. **15¢**
K16049—1-lb. bundle
Your Cost..... 29¢
K16048—2-lb. bundle
Your Cost..... 43¢
K16047—3-lb. bundle..... 82¢
K16046—5-lb. bundle.....

Transmission Cable

Heavy insulation twisted pair lead-in cable for all-wave and transmitting antennas.



K17116—110 ft. roll; 16 strands. Shpg. wt. 6 lbs. **Your Cost..... 66¢**
K17182—26 ft. Roll similar to above. **Your Cost..... 15¢**

No. 18 Rubber Covered Wire



Stranded tinned copper wire with outer covering of fresh live rubber, 1/4" wall. Splendid for lead-in wire, wiring transmitters, etc. K16320—100 ft. roll. Shpg. wt. 1 lb. **25¢**

Your Cost..... \$2.05
K16321—1000 ft. roll. Shpg. wt. 10 lbs.

No. 20 Rubber Covered Wire
Same as above, but 20 gauge wire. Cotton serve around conductor. 1/4" black rubber wall. K16322—100 ft. roll. Shpg. wt. 1 lb. **18¢**

Your Cost..... \$1.60
K16323—1000 ft. roll. Shpg. wt. 8 lbs.

No. 22 Solid Rubber Covered Wire
Same as above, but #22 solid wire. K16324—100 ft. roll. Shpg. wt. 1 lb. **12¢**
Your Cost..... \$1.10
K16325—1000 ft. roll. Shpg. wt. 7 lbs.

Coil Grab Bag



Consists of 12 extremely useful radio coils of all types, each one of which is worth far more than the price at which we are offering the entire dozen. Experimenters, hams, and servicemen especially can use every one of these coils profitably. K10037—Shpg. wt. 3 lbs. **Your Cost, Special Kit of 12 Coils..... 29¢**

Rotary Gang Switches Bargain Assortment



Limited quantity. Brand new rotary gang switches. Put up in a package of 5 different switches, ranging from 2 gangs up. All have silver plated contacts, Bakelite insulation and plated metal frames. Shpg. wt. 3 lbs. **K12967—Your Cost..... 35¢**

Special Bargain "Baby" Volume Controls



The smallest controls on the market. Only 1" in diameter and 1/2" deep. 3/8" bushing extends 3/8". Shaft 1 1/2" long. All potentiometer type, terminals insulated from the case. Because of their compact construction, **no switches** are available with these controls. Taper indicated: U—Uniform Taper; C—Clockwise; L—Counter-Clockwise.

Stock No.	Res. Ohms	Stock No.	Res. Ohms
K8244	1000U	K8255	25000U
K8245	2000U	K8256	25000C
K8246	3000U	K8257	30000C
K8247	4000U	K8258	50000U
K8248	5000C	K8259	75000L
K8249	5000C	K8266	100000C
K8250	10000U	K8267	200000U
K8251	10000C	K8268	250000C
K8252	10000U	K8269	500000C
K8253	15000C	K8270	1 Meg. C
K8254	20000C		

Your Cost Each..... 29¢
10 For..... \$2.70

2 & 3-Gang Variable Condensers



Fine, sturdy variable condensers equipped with trimmers for each section. Each have oscillator tracking sections for 466 kc. superheterodyne application. Specifications 2-gang: Capacity 13 mmfd. minimum, 365 mmfd. maximum. Dim.—2 1/2 x 1 3/4 x 2 3/4"; 3/8" shaft; 3-gang: 1 1/2 mmfd. minimum, 360 max. Dim.—4 x 2 1/2 x 3". Shaft 3/8" dia. K9758—2-Gang **Each..... 29¢** K9759—3-Gang **Each..... 33¢**

3-Gang Condenser Short Wave Type



Capacity per section, .00046 mfd. Two sections standard spaced with split end plates; other section wide spaced. 3/8" shaft extends 1 1/2". Size: 5 1/2 x 3 1/4 x 1 1/2". **K9628—Your Cost..... 15¢**

MIDGET I.F.'s

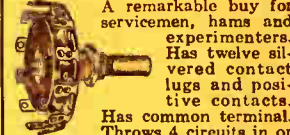
Midget, double-tuned i.f. transformers. Trimmers have genuine Isolantite bases and are top-tuned. In round containers 1 1/4" in diameter. Color-coded leads. K10036—175 kc. **10 For..... \$2.50**
K10035—466 kc. **Your Cost Each..... 29¢**

AC-DC Aerial Wire



Made especially for use with a.c.-d.c. mid-gets using self-consistent aerials. Stranded conductor, rubber insulation. In 25-foot rolls. K16130 **Your Cost Each..... 5¢**
10 Rolls For..... 42¢
K16131—250-ft. Roll **Your Cost..... 40¢**

4-Circuit Switch



A remarkable buy for servicemen, hams and experimenters. Has twelve silver plated contact lugs and positive contacts. Has common terminal. Throws 4 circuits in or out with a single turn of the knob. Shaft 1 1/4" long, 3/4" diameter. **K12965—Your Cost, Each..... 7¢**
10 For..... 59¢

4-Pole, D.T. Switch

Similar to above, but less common connecting contacts. Silvered, self-wiping contacts on heavy fibre. Has 12 terminals. **K12966—Your Cost, Each..... 6¢**
10 For..... 49¢

Quadruple Trimmer



Aluminum plate with isolantite insulation and mica dielectric. Capacity range each trimmer—3 to 50 mmfd. Size: 2 1/4 x 1 1/4 x 1/4". Mtg. centers 1 1/4". **K9613—Your Cost..... 7¢**

BUY NOW - - QUANTITIES LIMITED

**LOWEST PRICES
EVER OFFERED!**

40-WATT HIGH FIDELITY THEATRE SOUND SYSTEM

**LIMITED
QUANTITY!**

ATTENTION! THEATRE OWNERS EVERYWHERE.

Wholesale offers theatre owners everywhere the greatest opportunity since the advent of sound. Through a fortunate purchase we have obtained a number of the same high fidelity systems that were designed and built by United Research Co. for use in the great Warner Bros. chain of theatres throughout the country. Recognized by experts to be the finest theatre sound apparatus available today Wholesale now enables every theatre owner to have the best at a fraction of its original cost.

COMPLETE 40-WATT THEATRE SYSTEM

- 40-Watt "Beam-Power" Amplifier with Tubes
- Two Complete High Fidelity Sound Heads
- Dynamic Monitor Speaker in Case
- Jensen Woofer and Tweeter in Enclosure

The complete 40-Watt High Fidelity "Beam-Power" theatre sound system will adequately serve theatres seating up to 3,000. Designed by URC experts, it incorporates every feature desired by projectionists. Ideal for modernizing theatres now using older type equipment and at a price that brings quality sound reproduction within the reach of every exhibitor. The quantity of these systems is limited and cannot be replaced. An investment in better sound is the soundest investment you can make.

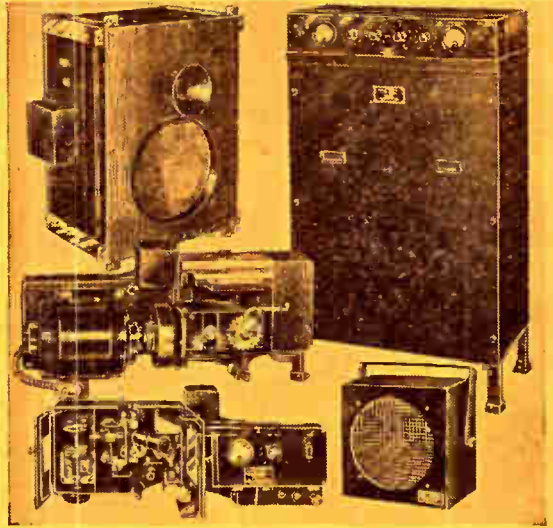
40-Watt "Beam-Power" Amplifier

The heart of the system is the high-fidelity amplifier, utilizing 12 tubes; 2-56s feeding 2-59s which drive 4-6L6 "Beam-Power" Tubes in a final push-pull stage. An 83 and 2-5Z3 rectifiers are used, with a type 16X897 tungar bulb rectifier for the exciter lamp supply (15 volts at 1 amp. for two exciter lamps).

SPEAKER FIELD SUPPLY for one 25-watt speaker field and one dynamic monitor incorporated in amplifier. Controls for master gain, bass compensation, treble compensation and monitor speaker on front panel, also filament meter, plate meter and line voltage adjuster. A switch on front panel permits instant changeover from sound-head to non-synchronous input (mike or phono). Amplifier features include: automatic safety switch for current cut-off when removing panel; transformer primary tapped for 110/115/120/125/130 volts, 50/60 cycles a.c.; d.c. photo cell and exciter lamp supply; protective fuse on transformer; power supply and amplifier units on separate chassis; screw terminal type inter-chassis connections; easily raised tube screen cover; knockout for standard BX cable. Overall dimensions: 49 $\frac{1}{4}$ " high, 27 $\frac{1}{2}$ " wide, 13 $\frac{3}{4}$ " deep.

High Fidelity Sound Head

Designed for use on the standard Simplex projector these high fidelity sound heads provide for finest tone quality and will give continuous trouble-free service. Precision-built throughout, accurately machined parts plus rotary stabilizer in fly-wheel housing insures perfect reproduction of voice and music. An outstanding feature is the **3-LAMP EXCITER LAMP TURRET** housing three exciter lamps, each individually pre-focused. Change from lamp to lamp accomplished instantly by turn of turret knob. **BAUSCH & LOMB LENS** used in head guaranteed to split 8000 cycles; slit image .0008" high. Lens hermetically sealed in cylindrical steel case. **G.E. $\frac{1}{4}$ H.P. CONSTANT SPEED MOTOR**, heavy duty type is fly-wheel coupled to projector drive. Has rotary stabilizer for flutterless sound. 1800 r.p.m., for operation on 110/120



volts, 50/60 cycles a.c. **UX918 PHOTO CELL** contained in special housing; easily removed for inspection or replacement. Other sound head features include: exciter lamp current control; lamp-current meter, simplified control panel containing output control having "off" position. Head furnished with all accessories including shims, hardware, projector drives, chains, brackets, etc. See below for speaker description.

Complete 40-Watt Theatre Sound System

K22584—Complete system includes: 40-watt "Beam-Power" amplifier complete with tubes; 2-High Fidelity Heads complete with drive motors, all exciter lamps, photocells and accessories; special enclosure with Jensen 14" D.C. Woofer and Jensen D.C. Tweeter. Code, JOVUT. Shpg. wt. 90 lbs.

\$395.00

AMPLIFIER ONLY: 40-Watt "Beam-Power" Amplifier, complete with all tubes. Code JOTAR. Shpg. wt. 325 lbs.

\$195.00

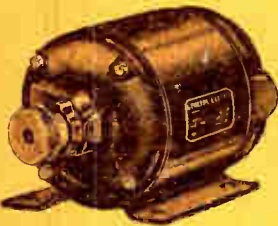
SOUND HEAD ONLY: High Fidelity Sound Head, complete with three exciter lamps, photo cell, drive motor and all accessories. For standard Simplex projector. Code JOWEN. Wt. 110 lbs.

\$89.50

PAIR OF SOUND HEADS: Two K22583, complete as above. Shpg. wt. 200 lbs.

\$175.00

General Electric $\frac{1}{4}$ H.P. Motor



A genuine G.E. $\frac{1}{4}$ horse power motor at a give-away price. Single phase, constant speed type, 1800 r.p.m. Supplied with pulley for standard V belts. Oversized type, gives excellent service under continuous duty. Mounted on sturdy cast base. Ideal for use with sound head, lathes, drills, power saws and innumerable other power driven devices. $\frac{1}{2}$ " diameter steel shaft, extends 11 $\frac{1}{2}$ ". Quantity extremely limited. Wt. 35 lbs. Code, JEVOL.

K22574—Your Cost Special..... \$7.45

Bausch & Lomb Lens



Finest sound head lens available. Adjusted and hermetically sealed machined barrels—universally adaptable to all standard sound heads. Barrel $\frac{3}{4}$ " diameter, 3" long. Slit image .0008" high. Splits 8000 cycles. Free from corona and halo. Completely oil and dust proof. Wt. 2 lbs. Code, JOCKA.

K22579—Your Cost Special..... \$4.95

Dynamic Monitor Speaker

8" cone type dynamic, 6-volt field coil, 15 ohms voice coil. In steel case with carrying handle. 8 $\frac{1}{2}$ " x 8 $\frac{1}{2}$ " x 5 $\frac{1}{2}$ ". Wire speaker grille. Shpg. wt. 12 lbs. Code, JINEK.



K22575—Your Cost Special..... \$3.95

JENSEN D.C. Woofer and D.C. Tweeter and Acoustic Enclosure Assembly

Jensen 14" M20 Woofer will handle 15 watts continuously, 25 watts peak. Efficiency 400% greater than ordinary speakers of equivalent cone area. Range, 40 to 6000 c.p.s. Has 6.25 ohm field for 12.5 volt input (2 amps.). Shielded terminals. 13 $\frac{1}{4}$ " x 9" deep. Shpg. wt. 56 lbs.

K22570—M20 D.C. Woofer..... \$17.50

Jensen D.C. Tweeter ("Q" Speaker). Frequency range 1200 to 8000 c.p.s. Voice coil impedance 15 ohms, handles 5 watts maximum. Input 7.5 volts at 2 amps.; field resistance 3.75 ohms. Complete with acoustic sound reflector; finished in black crackle. Shpg. wt. 24 lbs. Code, JOLIE. **\$9.95**

K22580—Cost Special..... \$9.95

Acoustic Enclosure With Woofer and Tweeter. Constructed of wood with sound absorbing liner. Knockout box on side for cable enclosure. Size: 25 $\frac{1}{4}$ " x 18 x 13 $\frac{1}{2}$ ". Complete with D.C. Woofer and D.C. Tweeter as above. Code, JITAN. **\$27.45**

K22577—Your Cost Special..... \$27.45



"Middler" Dynamic Horn Unit



Covers middle tone register, 300 to 3000 c.p.s. Handles 15 watts continuously, 25 watts peak. Voice coil impedance 22 ohms; field coil input 10 volts (2 amps.) Input terminals on side, voice coil terminals on throat. Carrying handle on casing. Has metal diaphragm shield. Threaded for standard trumpet. Shpg. wt. 30 lbs. Code JESOP. List \$60.00. **\$5.95**

K22572—Your Cost Special..... \$5.95

BUY NOW -- QUANTITIES LIMITED



LAST MINUTE SPECIALS

QUANTITY LIMITED



MAGIC ELECTRITE PENCIL



Writes electrically, embosses names, monograms, initials, designs in colors. Gold, silver, red, blue, green, purple colored foil pieces furnished. Will emboss on any material such as wood, leather, bakelite, cardboard, etc. Can also be used for identification purposes on luggage, etc. Operates on 110 volts a.c. or d.c. With complete instructions. Shpg. wt. 2 lbs.

K15157—Your Cost..... 78¢

Electric Pyrorite Pencil Set

Writes electrically on wood, leather, etc. Includes two plaques, leather book marks, 4 paints and brush.

K15158—Your Cost..... 78¢

MARVEL DOUBLE PHONE HAND SETS



An efficient, inexpensive method of establishing intercommunication in homes, offices, factories, stores, farms, etc. Works up to 2000 feet. Great for the trailer. Talks and signals like commercial telephones. With simple instructions takes a few minutes to connect. Each is equipped with signaling device. Made of durable pressed metal. Uses two cells at each phone for up to 750 feet; four for more.

K14024—Set of two phones with 35 ft. wire. Your Cost Complete Less Cells..... \$2.65
K20123—Eveready dry cell. Each..... 27¢
K14025—100 ft. indoor double wire. Per Roll..... \$1.37
K14026—100 ft. outdoor double wire. Per Roll..... 1.71

Flat 2-Conductor Cable



Flat, solid-rubber covered cable with 2 braided, multi-stranded No. 10 gauge conductors. $\frac{3}{4}$ " wide, $\frac{3}{16}$ " thick. Excellent for trailers, trucks, boats, barns, storehouses, etc. Provides sturdy, weather-proofed wiring. Shpg. wt. 10 lbs.

K16160—40 ft. rolls. Your Cost..... \$1.25

Edison Base Socket and Pin Adapter



Bakelite socket for above cable. Pin adapter converts any wall outlet for

screw-in plug or lamp.
K12951—Socket. 10 for 29c. Your Cost Each..... 4¢
K12952—Adapter. 10 for 45c. Your Cost Each..... 6¢

No. 8 Gauge Wire

Heavy insulation, for heavy duty wiring. In 25 ft. rolls.

K16136—Your Cost..... 49¢

PHILMORE HAND MIKE

A real hand microphone that gives life-like reproduction. Loads of fun. Hold your own amateur hour. Works with any set using a loud-speaker. Easily attached. Does not interfere with reception. Switch on handle permits reception or use of mike at will. Finished in chrome plate and black lacquer.

K13831—Your Cost..... 98¢

1 1/2 Volt Flashlight Cells

Large, super service 1 1/2 volt unit cells for flashlights, service instruments, etc. $2\frac{1}{2} \times 1\frac{1}{4}$ ". 10 for 33c

K19840—Each..... 4¢

Hearing Aid Volume Control

For use in theatres, churches, schools, etc., with all sound installations. Imp. 50,000 ohms, standard #1 audio taper. $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{8}$ ", with 4 ft. insulated cord.

K13890—Your Cost..... \$1.59

B.C.L. Hand Mike



A popular style hand carbon mike for use with any radio set, amplifier or ham rig. Has appearance of professional crystal type mike. Has an "on-off" switch mounted on handle. Furnished with 10-ft. tipped cord and connector plug. Complete with diagrams and instructions.

K13378—Your Cost..... \$1.18

REALPHONEST—Twin Set



A real telephone set of the cradle type that provides clear voice communication at hundreds of feet. Set comprises a pair of handsets with cradles and 35 feet of twisted wire—only batteries to be added, two at each phone. Simple instructions are provided so that installation can be made by anyone in a few minutes.

K17373—Less cells. Your Cost per Set..... \$4.12

K20123—Eveready cell. Your Cost Each..... 27¢

K14025—100 ft. double wire. Your Cost..... \$1.37

HOME MIKES

Studio Model



A real mike for home broadcasting. Easily attached to any radio. Has sliding switch. Not a toy, but a real instrument that will provide much amusement and pleasure.

K13380—Your Cost..... 85¢

Junior Model



Similar to the studio model, but in a differently designed case and with a push-button instead of a sliding switch. Lowest priced mike that really works. Easily attached to any radio.

K13379—Your Cost..... 54¢

Microphone Springs

Fine tempered steel. **K13402—Set of 8. Your Cost..... 15¢**

BATTERY MODEL

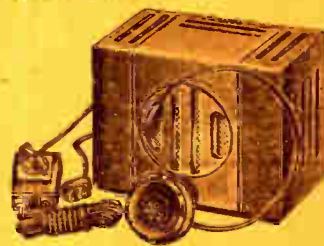


An entirely self-contained battery operated hearing aid featuring CRYSTAL speaker and CRYSTAL headphone that provide results heretofore impossible to obtain. The unit is extremely sensitive and both voice and music are received with startling clarity and naturalness. Absolutely no hum or buzzing noises.

Frequency Compensator
 A built-in frequency compensator permits the operator to adjust the frequency response to suit his ear. Adjustments can be made easily, in a few moments.

One 1F5G and two 1H6G's are used in the circuit, and require only 1 1/2 volts "A" and 45 volts of "B" batteries. A built-in volume control and power switch is located on back panel. Up to four headphones can be used simultaneously—tip jacks on rear of chassis. When more than one headphone is used, individual external volume control units are recommended. Housed in a compact, lightweight portable case covered with pin seal.
K21926—Crystal Battery Hearing Aid Complete with tubes, batteries and one crystal headphone with 5-ft. cord. Shpg. wt. 8 lbs. Your Cost..... \$29.95
K13922—Additional Crystal Headphone, 5-ft. cord..... \$2.94
K13923—Lorgnette Crystal Headphone, 5-ft. cord..... 3.82
K13910—External Volume Control unit, 10-ft. cord..... 2.06

A.C.—D.C. MODEL



Employs both CRYSTAL headphones and CRYSTAL speaker to afford exceptionally fine results. It can be placed anywhere in the room, and the sensitive crystal speaker will amplify sound so that all can hear. Tones reach your ear with amazing clarity and naturalness, and there is no humming or buzzing present. A built-in volume control and power switch enables the operator to adjust volume to suit his ear and a built-in FREQUENCY COMPENSATOR permits adjustment of frequency response, insuring pleasing reception. One 25A6, one 6F5 and one 25Z6 are used in a circuit that operates equally well on 110 volts a.c. or d.c. Jacks on rear of chassis permit use of up to 4 headphones; external volume control unit recommended when more than one phone is used. In compact walnut cabinet $6\frac{1}{2} \times 5\frac{1}{2} \times 4\frac{1}{4}$ ". Shpg. wt. 8 lbs.

K21925—Crystal A.C.—D.C. Hearing Aid complete with tubes and one Crystal phone with 5 ft. cord. Your Cost..... \$29.95
A.C.—D.C. PORTABLE MODEL
 Same as above, but housed in portable case identical with that used on battery model described at left. Complete with tubes and one crystal phone with 5-ft. cord. Wt. 8 lbs.
K21924—Your Cost..... \$29.95
 Use same accessories as listed with model at left.

We Will Not Knowingly Be Undersold

Laboratory Tested Lafayette Kits



1 Tube Battery Operated All Wave Kit

A baby in size but a giant in performance. Easy to build and works swell for short waves as well as regular broadcast. Comes with broadcast coils as standard equipment and short wave coils cost only a few cents extra. This is the kind of a set most "hams" start with. Requires only two batteries; 1—1½ volt "A" and 1—22½ volt "B". Uses 1 type 30 tube. Instructions furnished. Shpg. wt. 4 lbs.

K20354—Complete kit of parts less tube, batteries and cabinet. (Broadcast coils \$3.95 only). **Your Cost**.....**33c**

K20122—"A" Battery. **Your Cost**.....**33c**

K20106—"B" Battery. **Your Cost**.....**65c**

K10040—Set of short wave coils. (4 coils). **Your Cost**.....**85c**

Headphones on page 173. Tubes, pages 31-33.

4 Tube Battery Operated Portable Broadcast Receiver Kit



Here's a dandy little number. Take it anywhere you wish — on the beach — in the woods — on a boat — it will work anywhere because it contains its own built-in batteries and is entirely independent of any external source of power. It is sensitive because of its perfectly engineered superheterodyne circuit. Employs four new type tubes: 1—1A6, 1—1A4, 1—1B4, 1—1F4. Comes complete with all necessary parts including punched and drilled chassis, 5" PM speaker, etc. Simple easy-to-understand instructions furnished. Shpg. wt. 10 lbs.

K20358—Complete kit of parts less tubes, batteries and cabinet. **Your Cost**.....**\$9.45**

K20117—"A" Battery. **Your Cost**.....**34c**

K20104—"B" Battery (2 required). **Each**.....**\$1.14**

K20112—"C" Battery. **Your Cost**.....**10c**

See pages 31-33 for tubes.

4 Tube AC-DC TRF Broadcast Receiver



An excellent performer and capable of operating on both a.c. and d.c. Loads of volume and very clear tone. Extremely simple to build. All parts furnished. Chassis is drilled and punched for all necessary holes. Specially matched coils and condensers. Uses 1—39, 1—36, 1—38 and 1—1V tubes. Includes 5" magnetic speaker. Shpg. wt. 5 lbs.

K20353—Complete kit of parts less cabinet and tubes. **Your Cost**.....**\$4.95**

AC-DC Photo Cell Kit



A complete kit to make your own a.c.-d.c. operated photo-cell unit. Includes relay to control lights, bells, motors, etc. Very sensitive and an excellent unit to use in burglar alarm systems, garage door controls, counters, etc. Employs 1—868 photo-cell and 1—01A tube. Tubes included with kit. With instructions, baseboard, wire, etc. Wt. 4 lbs.

K20352 Complete kit of parts. **Your Cost**.....**\$9.95**

New Mallory Bias Cells

Now in addition to the standard 1 volt cell Mallory announces a new 1½ volt type. For new installations the type of cell used will depend upon the voltage required. For replacement use only the type used as original equipment. New type (1½ V.) have concave depressions on both top and bottom. Neither type can be used with a load—they will not deliver current for biasing power tubes.

K6419—Standard 1 volt cell only. **18c** ea.

K6424—New 1½ volt cell only. **18c** ea.

HOLDERS FOR ABOVE

K6420—For one cell.....**6c**

K6421—For 2 cells.....**12c**

K6422—For 3 cells.....**15c**

K6423—For 4 cells.....**21c**

3-Tube AC Operated Short-Wave Kit



Here is a three-tube a.c. operated short-wave kit that is amazingly sensitive and will supply unusual volume. A dynamic speaker is included to provide excellent tone on all stations. A velvet-smooth regeneration control is highly effective and gives this outfit a real "sock". 4 short-wave coils are furnished with the kit. A coil set covering the standard broadcast band is available. Front panel of highly polished aluminum. Sturdy metal chassis is completely drilled and punched. Assembly and wiring are made exceptionally simple and the set can be in operation within a few hours after you start. Kit is furnished complete with all necessary components, wire, hardware and clear instructions. For operation on 110 volts, 50/60 cycles a.c.

K20356—3-tube short-wave kit, complete, less tubes. Shpg. wt. 10 lbs. **Your Cost**.....**\$8.75**

K10041—Set of Broadcast coils for above. **Your Cost**.....**65c**

For tubes see pages 31-33. (Tubes required, 1—6K7, 1—6F6, 1—80).

4 Tube AC Short-Wave Superhet Kit



Here's a real performer! Covers all important short wave bands. Receives CW signals as well as phone. Excellent tone with 3 inch genuine dynamic speaker. High gain mixer-oscillator stage and regenerative second detector make this 4 tube receiver as sensitive and powerful as many larger receivers. Unusually easy to build. Employs metal tubes and plug-in type coils. Tubes used: 1—6A8, 1—6K7, 1—6F6 and 1—80. Kit comes complete with all necessary parts and instructions. Shpg. wt. 11 lbs.

K20357—4 Tube AC Superhet Kit, less tubes, plug-in coils and cabinet. **Your Cost**.....**\$13.95**

See pages 31-33 for tubes (1—6A8, 1—6K7, 1—6F6, and 1—80).

Electric Phonograph With Built-in Amplifier



- ★ Play It Anywhere. No Radio Attachment Required
- ★ Entirely Self-Contained
- ★ Plays 10" and 12" Records

Here is good news for record or phonograph enthusiasts. A complete record player, with built-in amplifier and speaker at a sensationally low price! Plays both 10" and 12" records. Constant speed 78 r.p.m. electric motor assures good reproduction. 5" PM dynamic speaker. Tangent head pickup. Amplifier uses 1—6C5 and 1—25A7G tubes. Has volume and tone controls. Handsome Walnut finished wood case, substantially built. Dimensions: 13x10¼x6¼" high. Both efficient and economical in operation, having a fine quality output for its size. No fuss or bother with radio receiver or connections, plays anywhere because of its self-contained amplifier and speaker. For 110-120 volts, 60 cycles, AC operation only.

K21962—Shpg. wt. 18 lbs. **Your Cost, Only**.....**\$16.95**

New "Easy-Tach" Electric Record Player

- ★ Portable—Easy to Install
- ★ Works With Any Radio, Regardless of Age or Type
- ★ Your Radio Controls Both Tone and Volume



Any radio receiver can now be made to give fine record reproduction with this new "Easy-Tach" Record Player. No fussing or additional gadgets to attach. Any inexperienced person can connect it to any radio set, by merely connecting the two wires from the record player to the Antenna and Ground posts of the radio receiver, and then inserting the line plug of the "Easy-Tach" player into any 110 volt, 60 cycle AC socket. This instrument comprises a miniature broadcast station (does not interfere with FCC regulations), a constant speed motor, tangent head pickup and "Radio-Record" switch. Will play both 10" and 12" records with fine quality reproduction. Tubes used are 1—6C6 and 1—37. Very economical to operate. Handsome, sturdy Walnut finished case; dim.: 13x10¼x6¼"

K21963—Shpg. wt. 17 lbs. **Your Cost, Complete**.....**\$14.95**

Record Player Adapter



One of the most practical units we have ever seen for attaching a record player to any radio receiver. So simple, any one can attach it within a few seconds. Can be mounted entirely inside of cabinet or with knob protruding outside of cabinet.

K11640—Shpg. wt. 1 lb. **Your Cost**.....**95c**

Grid-Cap Phonograph Adapter

Designed to permit quick and convenient connection of phonograph pickups to the grid cap of detector or first audio tubes. Has clips to facilitate connection of pickup leads.

K11643—For Glass Tubes **26c**

K11644—For Metal Tubes **26c**

Your Cost, Each.....**26c**





SPECIAL VALUES for HAMS



FILTER CAPACITORS

Special bargain offer of these high voltage filter capacitors. Oil impregnated, paper dielectric, in heavy metal containers with mounting flanges. Perfectly sealed; moisture and humidity proof. Lug terminals mounted on porcelain stand-off insulators

1000 Working Volts D.C.

Stock No.	Mfd.	H.	W.	D.	Cost
K2735	1	3 1/2	x2 1/4	x1 3/4	\$0.98
K2736	2	5 3/4	x2 3/4	x1 3/4	1.25

1500 Working Volts D.C.

K2737	1	5 3/4	x3 1/2	x1 3/4	1.25
K2738	2	5 3/4	x4 1/2	x2 3/4	1.69

2000 Working Volts D.C.

K2739	1	5 3/4	x3	x2 1/4	1.49
K2740	2	5 3/4	x3	x2 1/4	2.15

Special 2.5 Volt Filament Transformer

Semi-open, strap mounting type with leads. Delivers 2.5 volts at 3.5 amps. (for 2 type 24A, 35, 27, etc. or 3 type 56, 57, 58, etc.). Primary for 110 volts. 50-60 cycles a.c.

K1636—Your Cost 45¢



Plug-In Coils For S.W. and Broadcast

Wound on low-loss, large-ribbed Amber Bakelite forms. 1 1/2" in dia. and 3 1/2" high. Precision windings and low-loss construction make them ideal for amateur use. 6 prong coils have 3 windings.

No.	Description	Cost Ea.
K9780	Set—4 prong wound	89c
K9781	Set—6 prong wound	99c
K9782	4 prong forms only	10c
K9783	6 prong forms only	11c
K9784	7 prong forms only	11c

"LIFETIME" 2-Button Carbon Microphone

A real buy for the amateur, p.a. man and experimenter. This excellent unit incorporates many of the features found only in expensive mikes. Response from 50 to 3500 c.p.s. 200 ohms per button. Diaphragm is of gold sputtered duralumin. Housed in polished aluminum case provided with four mounting rings. 3 1/2" diam. (including rings), 1 1/2" thick. Wt. 2 lbs.

K13411—Each \$2.49

Isolantite Insulators

Non-hygroscopic, 1/4" thick isolantite. Highly useful. Round forms 1 1/2" diameter. Others are 2x1 1/2".

K17114—Round	1¢
K17115—Square	1¢

Your Cost Each 1¢

10 for 6c

Special HAM Transformers

A line of special low priced transformers especially designed for amateur use. These units are suitable for use in all types of transmitting and receiving equipment, and are of excellent quality.



FILAMENT TRANSFORMERS (Type B)

Primaries for 110 volts, 60 cycles a.c. All secondaries center tapped.

Stock No.	Secondaries Volts	Amps.	Wt. Lbs.	Volts Insul.	W.	Size D.	H.	Your Cost
K615	2.5	5.25	2	2000	2	x2	x2 3/8	\$0.79
K616	2.5	10	4	2000	2 1/2	x2	x3	.92
K617	2.5	10	3	7500	2 1/2	x2 3/4	x3 1/4	1.45
K618	5.25	4	3	2000	2 1/2	x2 3/4	x3 1/4	1.06
K619	5.25	13	5	2000	3 1/2	x2 1/2	x4	1.85
K624	6.3	3	2	2000	2	x2	x2 3/8	.92
K625	6.3 c.t.	6	2 1/2	2000	2 1/2	x2 3/4	x3 1/4	1.45
K626	6.3 c.t.	10	4	2000	3 1/2	x2 3/4	x4	1.85
K620	7.5	4	3	2000	2 1/2	x2 1/2	x3 1/4	1.06
K621	7.5	8	5	2000	3	x2 1/2	x3 3/4	1.72
K622	10	4	4	2000	2 1/2	x2 3/4	x3 1/4	1.59
K623	10	8	5	2000	3	x2 1/2	x3 3/4	2.11

HI-POWER PLATE TRANSFORMERS (Type C)

Secondaries tapped for use at two voltages, as listed. Stock No. K217 inverted mtg. unit with leads.

Stock No.	Sec. A.C.		D.C. Volts	D.C. M.A.	Dimensions			Shpg. Wt. Lb.	Your Cost
	Volts	A.C.			W.	D.	H.		
K217	660	830	500/650	200	3 3/4	x4	x5	9	\$3.49
K238	900/1200		750/1000	150/200	3 3/4	x5 1/2	x4 1/2	16	6.08
K218	1250/1560		1000/1250	300	5 7/8	x7	x7 1/2	26 1/2	6.88
K219	1265/1565		1000/1250	500	6 3/4	x7 1/2	x8	39	11.11
K220	1760/2180		1450/1800	300	6 3/4	x6 1/2	x8	33	10.05
K221	2420/2920		2000/2500	300	6 3/4	x8	x8	43	12.30

Input (Swinging) Chokes

5-20 Henrys

200 Ma. unit has 2000 volt insulation, others 3000 volts. All inductances at full rated load.

Stock No.	Ma.	Size	Wt. Lbs.	Your Cost
K609	200	3 3/4 x 2 1/2 x 4	7	\$1.98
K610	300	3 7/8 x 3 1/4 x 4 7/8	9	2.65
K611	500	5 1/2 x 6 x 7 1/2	29	4.76

*Type C mounting; others type B mounting.

Filter (Smoothing) Chokes

12 Henrys

200 Ma. unit has 2000 volt insulation, others 3000 volts. All inductances at full rated load.

Stock No.	Ma.	Size	Wt. Lbs.	Your Cost
K612	200	3 3/4 x 2 1/2 x 4	7	\$1.98
K613	300	3 7/8 x 3 1/4 x 4 5/8	9	2.65
K614	500	5 1/2 x 6 x 7 1/2	29	4.76

*Type C mounting; others type B mounting.

SANGAMO TRANS. Condensers

Low-loss bakelite moulded transmitting condensers. All have conservative voltage ratings, close capacity tolerance, sturdy solder connections, insulated mountings, and low temperature co-efficient. Available in 1000, 2500 and 5000 volt d.c. test types.

Type	Stock No.	Mfd.	Your Cost	
Type BE-10, 1000 V. D.C. Test	K3600	.00005	15¢	
	K3601	.00025		
	K3602	.0005		
	K3603	.001		18c
	K3604	.002		21c
	K3605	.003		24c
	K3606	.005		26c
	K3607	.006		32c
Type BE-25, 2500 V. D.C. Test	K3608	.01	41c	
	K3609	.00005	29¢	
	K3610	.0001		
	K3611	.00025		
	K3612	.0005		
	K3613	.001		35c
	K3614	.002		47c
	K3615	.003		59c
Type BE-50, 5000 V. D.C. Test	K3616	.004		73c
	K3617	.00005	35c	
	K3618	.0001	35c	
	K3619	.00025	41c	
	K3620	.0005	50c	
	K3621	.001	59c	
K3622	.002	88c		

Special Plate Transf.

Ideal for low-power rigs such as those using 6L6's, etc. Contains tapped high-voltage secondary, —500-425-0-425-500 volts a.c. at 250 milliamperes. Also, 6.3 volts c.t. at 3 amps; 6.3 volts c.t. at 3 amps; 5 volts at 3 amps. Dimensions 6 1/2 x 4 1/2 x 6 1/2". Shpg. wt. 14 lbs. All-metal housing with louvers for cooling. Quantities Limited.

K5474—Your Cost \$2.95

Smoothing Choke

Heavy duty smoothing and filter choke, especially designed for amateur or public address application. Fully shielded in ventilated case. Stand-off terminals with lugs. Inductance—20 henries; rated at 300 mls. D.C. Dim. 5 1/2 x 4 1/2 x 6 1/2". Shpg. wt. 10 lbs.

K5465—Your Cost \$2.85

2.5 Millihenry Choke

Four pie wound sections on Isolantite form. 2.5 millihenrys, 50 ohms d.c. resistance, distributed capacity 1 mmfd.

K10106—Your Cost Each 14¢

TELEFLASH Signal and Practice Code Set



New Seven-Way signalling and code practice set. Incorporates a sander, buzzer and flashlight system, which may be used together in any combination or individually, as desired. Sensitive key, with perfect receiving apparatus. In neat folding case. Supplied with 3 dry cells.

K14050, Single Set 49¢
Complete Your Cost 89¢

Loading Coils

For use with doublet antennas, when full length of span cannot be used. Also suitable for use as 5 or 10 meter r.f. chokes. Enamel wire wound on ceramic tube 2" long. Lug terminals.

K17085—Your Cost Each 5¢
10 for 39¢

Low Drift Crystals for 40, 80 and 160 Meters

Mounted in molded holders having brass plates and phosphor-bronze springs; fit standard 5-prong socket. 1 1/2 x 1 1/2" high. All accurate to .03% of calibration. Supplied within 5 KC of frequency desired. Specify frequency.

K13512—160 meter. AT cut.
K13513—80 meter. AT cut.
Your Cost \$2.95
Either Type \$2.95
Exact Integral KC.—\$1.00 addit.
K13514—40 meter. AT cut.
Your Cost \$3.45
Exact Integral KC.—\$1.00 addit.

Filament Transformers

Heavy duty filament transformers, open frame type with mounting feet. Lug terminals on a fibre strip; all terminals marked. Feature high quality core material, 5000 volt insulation, impregnated coils, ample windings. Size: 3 1/2 x 3 x 2 1/2"; centers 2 3/4 x 2 1/4".

Primaries tapped for 110-120 volts, 50-60 cycles a.c. Secondaries center tapped. Shpg. wt. each 4 lbs.

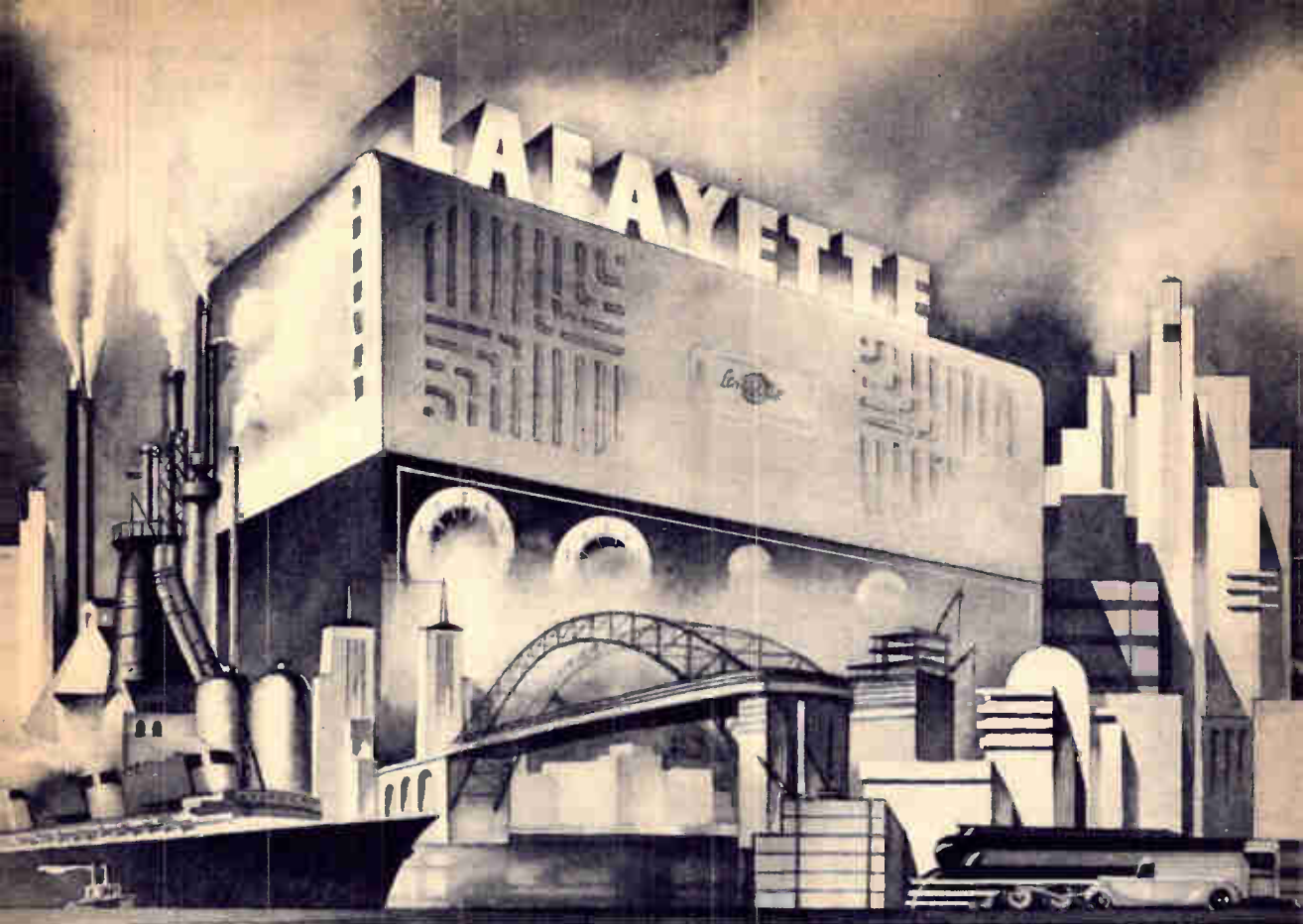
K1540—2.5 volts c.t. at 12 amperes.
K1541—6.3 volts c.t. at 3.5 amperes.

Your Cost Each 95¢
Either Type 95¢

SPECIAL POWER TRANSF.

Husky power transformer for small ham rigs. H. V. secondary 1100-0-1100 at 150 ma. Tapped primary for 100, 110 and 120 V.A.C. at 50-60 cy. Also, 7.5 V. ct. and 3 V. ct. secondaries. Dim: 4 1/2 x 3 1/2 x 5".

K1363, Shpg. wt. 12 lbs. \$1.69
Your Cost \$1.69



KEEPING PACE WITH INDUSTRY

IN a fast-moving world where the pulse-tingling cry is for speed, streamlined, smooth-flowing, lightning-gaited speed, it is Lafayette's proud boast that Lafayette Sound Equipment has always been, and always will be, in the vanguard of industry. The vision and foresight of our engineers and designers, every one an alert leader in his field, has carried us to the very pinnacle of entire sound industry. Lafayette rightfully deserves the enviable reputation it has achieved, rightfully enjoys the confidence that its thousands of entirely satisfied users have displayed, and rightfully merits your thorough investigation of its entire line if you are looking for the finest in P.A. equipment.

No matter what your need calls for in sound systems you will find exactly the unit you want in one of over thirty complete systems. Ranging in power from 5 watts to 125 watts, ranging in size from the most compact portable to gigantic stadium systems, all are offered at startlingly low prices.

FAMED for the introduction of "Co-ordinated" systems with all components matched for optimum quality and results, Lafayette amplifiers are designed, engineered and fabricated in the world's largest, exclusive P.A. plant. When you choose a Lafayette system you get more of everything — more power, more quality, more service, more dependability and far more than your money's worth because every Lafayette system is backed by years of pioneering in the industry, years of research and experimentation and years of hard, practical usage.

You'll find Lafayette amplifiers in their new, smart, stream-lined styling as perfect to see as to hear. Attractively modern wall-type baffles match the functional beauty of amplifier itself. Glance through the following pages and be convinced. A complete list price catalog has been prepared for the professional sound dealer. Send for your copy and offer your clientele, better equipment and service at competition-defying prices.



Better Business through Lafayette **P.A.**

CO-ORDINATED
Lafayette
SOUND SYSTEMS

Ultra-Compact 5 TO 8 WATTS



\$10⁹⁵

LESS TUBES & COVER

- The Lowest-Priced High Gain Amplifier
- For Velocity, Crystal and Dynamic Mikes
- Compact—Modern—Highly Efficient
- Fader For Mike and Phono Input
- Continuously Variable Tone Control
- Wide Range Frequency Response
- Photo-Cell Input Connection
- Plug-in Input and Output Connections
- High Fidelity Phono Reproduction
- Excellent For Paging Systems
- Modern Streamline Appearance

Technical Specifications

Peak Output	8 watts	Maximum Gain	120 db
Rated Output	5 watts	Phono Gain	76 db
Two Inputs; 1 microphone, 1 Phono, etc.		Hum Level	55 db
Output Imped. 7000 ohms to speaker transformer.		Variable Tone Control	

Choice of Microphone
At no additional cost with System 836-T. (1) Amperite "DeLuxe Velocity" with Compensator. (2) Shure "Rocket". (3) Shure "Spherical". (4) Shure "Grill". (5) Shure "Swivel". (6) Electro-voice "DeLuxe Dynamic". All with cable connector. System 853-T furnished only with genuine Lafayette "Velocity" mike illustrated below.

Ideal Paging System Amplifier
This new 5 to 8 watt Amplifier is an ideal unit to use in the many and varied applications that amplifiers of this size are employed today. For paging systems in hotel lobbies, in theatre smoking rooms, for store and window demonstrators, in cafes, for stock rooms, and for the many hundreds of other applications requiring clear, and loud voice reproduction choose this new Lafayette Amplifier. It never fails to give satisfaction.

All Of The Latest Features
This new model 230-T incorporates all of the latest features. Two input sources are provided for with a smooth noiseless fader to permit accurate dependable control of volume from either input will. One of the input channels is for devices having a low output such as a crystal, velocity, or dynamic microphone. The other is for devices having a comparatively high output such as a phono pickup, electric guitar or similar input device. A continuously variable tone control allows for a complete elimination of undesired high frequency tones which may impair clarity of reproduction.

Uses Modern Type Tubes
A total of four tubes are employed including 2-6J7's, 1-6N6G and 1-5V4G. Models are available for operation on 220 volt 60 or 25 cycle alternating current as well as the standard 110 volt 60 cycle current. Any type of permanent magnet dynamic or self excited speaker may be employed. The speaker matching transformer should have an impedance of 7000 ohms.

Standard Model Amplifier
Model 230-A—Lafayette 5 to 8 watt Amplifier, less tubes and protective steel cover. Overall size: 8 3/4" x 4 1/2" x 6 3/4" deep. For 120 volts 50/60 cycles a.c. Shpg. wt. 12 lbs. Code SBCDH. List Price \$21.90.

Model 230-T—Same as above but with a complete set of matched tubes. Shpg. wt. 13 lbs. Your Cost \$10.95
For 220 volts 60 cycles add \$1.85; 25 cycles add \$6.95.

Model 230-DF—Decorative protective steel cover as illustrated on amplifier. (K13730) Shpg. wt. 5 lbs. \$14.15
Your Cost \$1.48

Complete Co-ordinated System
Model 869-T—Standard System is available including the model 230-T Amplifier with tubes and model 230-DF screen cover, one nationally advertised microphone (any one of the six illustrated above. Specify which), a desk stand, (K13583), one of the new Lafayette fabrikoid wall baffles (K20042), and 8" PM Speaker (K19271) 12 feet of mike cable, 25 feet of speaker cable, all plugs, connectors, etc., Ready-to-operate. Code RABCP. Shpg. wt. 45 lbs. List Price \$67.90.

Lafayette System
System 853-T is the same as the above but includes Lafayette genuine "Velocity" (not velostatic) mike (no other choice) BUT LESS DECORATIVE COVER. Code RBCDL. \$33.95
List Price \$58.70.
Your Cost

\$29.35



New List Price P. A. Catalog
You asked for it—and we are glad to give it to you. Our new big book showing the complete Lafayette line at List Prices. Use it to show to your customers. It will help you sell them. Complete listing of all parts needed to complete any installation no matter how small or how large. Write for your FREE copy today! It is waiting here for you. Don't miss a single sale—write immediately!

Sensational 15 TO 18 WATTS

CO-ORDINATED
Lafayette
SOUND SYSTEMS



Choice of Microphone

At no additional cost with system 813-T. (1) Amperite "DeLuxe Velocity" with compensator. (2) Shure "Rocket". (3) Shure "Spherical". (4) Shure "Grill". (5) Shure "Swivel". (6) Electro-Voice "DeLuxe Dynamic". All include connector. System 816-T furnished only with Lafayette genuine "Velocity" mike illustrated below.

- MORE Watts for LESS Money!
- Complete Ready-To-Use Systems
- New Modern Wall Baffles
- Noiseless Mixing & Fading Controls
- 6L6-G "Beam Power" Tubes

Practically three-fourths of the public address installations made today require an amplifier having a power output of from 15 to 18 watts. And, because of the tremendous demand for this cause of the Lafayette amplifier, we are now size of Lafayette amplifier, at a price that able to offer such a unit at a price that was considered unheard-of only a few short months ago. Again Lafayette leads with "More Watts per Dollar" than ever before!

Push-Pull "Beam Power" Output
The amplifier included with the system employs a pair of 6L6-G beam power tubes which are capable of handling considerably more power than they are required to handle in this unit. Complete specifications of the amplifier are given at the right. Tone quality is of the highest possible calibre and free of distortion. Tubes employed include: 1-6J7, 1-6N7, 2-6L6G's, 1-5V4G.

Mixer-Fader Controls—Plug Connections
A built in mixer-fader system permits fading from one low gain channel to the other as well as mixing either low gain channel with the mike channel. All input and output connections to the amplifier are by means of plugs—no soldering iron required! Instant selection of output impedances can be made merely by shifting a small plug from one jack to another. A continuously variable tone control as well as a pilot light and switch appear on the front panel.

Complete System Model 813-T
The complete system includes all components ready-to-operate. Two new Fabricoid wall-type baffles (K20055) together with two 10" "Magic Magnet" dynamic speakers (K19380) are furnished. A choice of one of six nationally advertised deluxe mikes (illustrated above) is given. Each microphone is equipped with 12 feet of cable and a "friction clutch" floor stand (K13647). 50 feet of speaker cable is also furnished. The Amplifier Model 246-T comes complete with all tubes and with a model 246 DF screen cover. It is designed for operation on 105/125 volts 50/60 cycles a.c. Shpg. wt. 85 lbs. Code RFGHJ. List \$105.50.

\$52.75

Model 813-T—Complete System. Your Cost
Special "Lafayette" System
Model 816-T—System same as above but with genuine Lafayette "Velocity" (not velostatic) microphone only (no other choice permitted. (Illustrated at right.) Code RGHK. List \$99.50.
Your Cost

\$49.75

Lafayette Model 246-A Amplifier Only
Model 246-A—Amplifier only less tubes and cover. Size: 11"x5½"x8" high. For 105/125 volts 50/60 cycles a.c. Code SABCL. Shpg. wt. 18 lbs. List \$31.90.
Your Cost

\$15.95

Model 246-T—Same as above but with complete set of matched tubes. List \$41.14. **Your Cost** \$20.57

Model 246-DF—Decorative screen cover only for amplifier as illustrated. Shpg. wt. 5 lbs. K13731. **Your Cost** \$1.69
For 220 volt operation, 60 cycles, add \$1.95; 25 cycles, add \$7.25



\$15.95

LESS TUBES & COVER

Technical Specifications
Peak Output 18 watts
Rated Output 15 watts
Microph. Gain 113 db
Phono Gain 60 db
Input Channels 3
(1-mike; 2-Phono, etc.)
Frequency Response from 50 to 10,000 c.p.s.
Output Impedances 2, 4, 8, 16, 250 and 500 ohms. Facilities for Photo cell or Velotron microphone voltage included.

Special "PHONO" Model With "Expander" FOR HIGH-FIDELITY PHONO-REPRODUCTION

Lafayette offers this special Model 248-T amplifier for use exclusively for special "Expander" circuit permits perfect reproduction of modern recordings, producing realistic dynamic changes not possible with ordinary amplifiers. Uses 1-6L7, 1-6C8G, 1-6N7, 2-8L6G's and a 5V4G rectifier. Controls for Volume, Expander and Tone. Similar in appearance to Model 246-T.

Technical Specifications
Input for Phono only.
Gain 66 db
Hum level below 15 watts—58 db
Max. expansion 10 db
For other specifications see listing at left.

"EXPANDER" MODEL
Model 248-A—Lafayette 12-15 watt "Expander" Amplifier less tubes and cover. Sizes: 11"x5½"x8" high. For 105-115 and 115-125 volts a.c., 50/60 cycles. Code SCDEI
Shpg. wt. 20 lbs. List Price \$36.50.
Your Cost

\$18.25

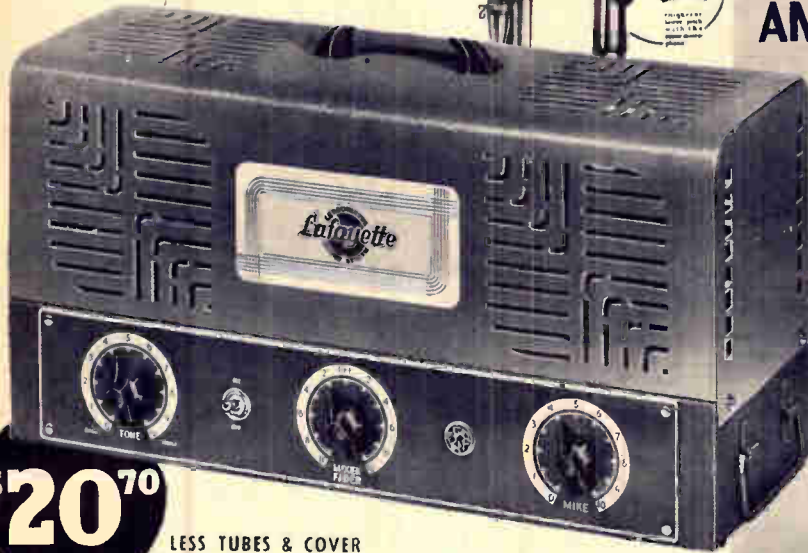
Model 248-T—Same as above, but with complete set of matched tubes
Your Cost \$24.64



CO-ORDINATED
Lafayette
SOUND SYSTEMS



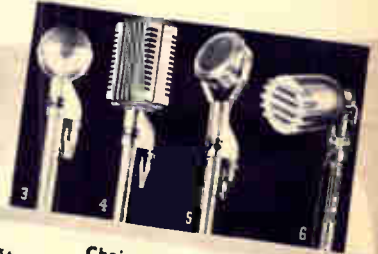
NEW DeLuxe 25 TO 35 WATT AMPLIFIER & SYSTEM



\$20⁷⁰

LESS TUBES & COVER

- America's Supreme Amplifier Value
- Meets All P.A. Requirements
- 3 Input Channels—Tone Control
- For Use With Any Modern Mike
- "Beam-Power" Tubes—Field Supply



Choice of Microphone
At no additional cost with System 820-T
1) Amperite "DeLuxe Velocity" with Com-
pensator. 2) Shure "Rocket" with Com-
pensator. 3) Shure "Spherical". 4) Shure "Grille". 5) Shure
"Swivel". 6) Electro-Voice "DeLuxe Dyna-
mic". All with cable connector.
System 823-T furnished only with Lafay-
ette genuine "Velocity" mike.

UPHOLDING Lafayette's well known reputation for value is this new and improved version of the 25 to 35 watt amplifier. Providing "More Watts per Dollar" than ever before, this new unit is without question the ideal amplifier for night club, hotel dining room, lecture hall and similar installations. It provides more than ample power at a price that is really LOW.

Improved Circuit

The circuit employed incorporates all of the latest improvements resulting in a new high in efficiency and performance. Two modern "Beam Power" tubes are utilized to assure high power output with a minimum of distortion. The complete tube line-up includes: 1-6J7, 1-6CS, 1-6N7, 2-6L6G's, 1-5X4G.

Mixing-Fading Controls

Built-in electronic mixer-fader controls permit perfect control over any combination of inputs making possible a great degree of variation for any desired results. Flawless in operation.

Three Input Channels

Provisions for one mike and two phono-pickups, electric instrument inputs, etc., are incorporated. Uses any modern type mike as illustrated above, or velotron. Also operates with photo-cell devices.

20 Watts Field Supply

Field supply voltage for two speaker fields having a combined resistance of 5000 ohms provides a total field excitation of 20 watts—correct for the average "concert type" speaker.

Multi-Voltage Input

Taps on the power transformer provide for operation at either 105/115 or 115/125 volts at 50/60 cycles a.c. A dual fuse selector provides full protection.

Modern Design

Fully streamlined in design and construction this versatile amplifier is ultra-modern in every respect. Chassis finished in slate gray with decorative steel cover a matching platinum gray with handsome silvered nameplate and contrasting chromium and red plastic trimmed metal handle.

Technical Specifications

Peak—35 watts Rated—25 watts
Gain: Mike 125 db. Phono 88 db.
3 Inputs: 1 Mike—2 Phono
Field Supply: 20 watts /5000 ohms
Range: 50 to 10,000 c.p.s.
Output Imp.: 2, 4, 8, 16, 250, 500 ohms
Hum level below 25 watts, —55 db.

Model 261-A—Lafayette 25-35 watt Amplifier less tubes and cover. 16½ x 6 x 8½" high. For 105/125 volts 50/60 cycles a.c. Wt. 30 lbs. Code SCDEH. List \$41.40

Your Cost

\$20.70

Model 261-T—Same as above but with complete set of tubes.

Your Cost **\$25.94**
For 220 V. add \$2.60—60 cycles; \$9.95—25 cycles.

Model 261-DF—(K-13726) Decorative Steel Cover only. Wt. 6 lbs. **\$1.95**
Your Cost

Complete Co-ordinated Sound Systems

Model 820-T—A complete co-ordinated Sound System built around the Model 261-TDF Amplifier with tubes and cover. This system is ready-to-operate and can be assembled within a few minutes. Two 12" speakers (K19214) mounted in two Lafayette Fabrikoid Wall Baffles (K20056) are furnished complete with 50 feet of speaker cable and plugs. A choice of any one of the above illustrated microphones is offered with 12 feet of mike cable. A clutch type Floor Stand (K13647) is included. Complete instructions furnished. Wt. 95 lbs. Code RABCO. List \$129.50.
Your Cost **\$64.75**

Special Lafayette System

Model 823-T—Same as above system but with Lafayette genuine Velocity (not velostatic) microphone. No other choice is permitted.
Code RBCDJ. List **\$61.75**
\$123.50. Your Cost

NOTE: Above systems are available for 220 V. 60 cyc. and 220 V. 25 cyc. as noted under Amplifier listing above.



LAFAYETTE Furnishes Baffles With Every System Because

At Last.. A FULL POWER

20^{TO} 30 WATT AC-DC AMPLIFIER FOR 120 VOLTS!

- Requires No External Conversion Equipment
- Serves Equally Well as A.C. or D.C. Amplifier
- Simple Changeover Switch—Dependable—Foolproof
- Built-In Electronic Mixer—Tone Control
- Three Input Channels—20 Watts Field Supply



\$33⁹⁵

LESS TUBES & COVER

Technical Specifications
 Peak 30 watts Rated 20 watts
 Mike Gain: 128 db Phono Gain: 80 db
 3 Inputs: 1-Mike, 2-Phono, etc.
 Frequency Response: 50-10,000 c.p.s.
 Hum level below 20 watts: -55 db
 Field Supply: 20 watts to 5,000 ohms
 Output Imp.: 2, 4, 8, 16, 250, 500 ohms
 Cons. a.c. or d.c. Aprox. 150 W.

Model 253-A—Lafayette 20-30 watt AC-DC amplifier less tubes and cover. Size: 16½x6x8½". Shpg. wt. 35 lbs. Code SDEFI. List \$67.90
 Your Cost **\$33.95**
 Model 253-T—Same with tubes. **\$39.32**
 Your Cost
 Model 253-DF—Steel cover only. **\$1.95**
 K13726. Your Cost

Traveling? Renting? No matter which you do—use the system yourself—or rent it out for various purposes in various locations—this new Lafayette model 827-T will operate on any direct or alternating 60 cycle current perfectly and with full power. If you are located permanently in a d.c. district you couldn't find a better amplifier because it is one of the finest d.c. units ever designed. And should you ever change your location or should the power company change the type of current supplied to a.c. you will also have an excellent a.c. amplifier. It is TWO perfectly engineered amplifiers at the price of one.

"Beam Power" Tubes

Two of the new "beam power" tubes are employed assuring maximum power output with freedom of distortion. Tubes include: 1-6S7G, 1-6L5G, 1-6N7, 2-6L6G's, and 1-5V4G. This model has complete mixing-fading facilities, tone control, pilot light, etc., similar to 25 watt a.c. model described on opposite page. It is a complete amplifier in every detail and is available separately or in a complete system as described below.

Complete Sound Systems

Model 827-T—Complete System including Model 253-T amplifier complete with tubes and model 253-DF screen cover; choice of microphones with 12 ft. of cable as shown on opposite page; Floor stand (K-13647), 2—12" speakers (K-19214); Two K-20056 Fabricoid Wall Baffles, 50 ft. of speaker cable; all necessary plugs, instructions, etc., ready-to-operate. Shpg. wt. 105 lbs. Code RCDEL. List \$156.90 Your Cost **\$78.45**

Special "Lafayette" System

Model 828-T—Same as above system but with Lafayette genuine velocity (not velostatic) microphone (no other choice permitted with this system). Ready-to-operate. All connections ready to plug-in. Code RHJK. List \$150.90. Shpg. wt. 104 lbs. **\$75.45**
 Your Cost

Lafayette MUSICAL INSTRUMENT ADAPTER

MAKES ANY MUSICAL INSTRUMENT AN ELECTRIC MODEL

Electric Guitars, Violins, Pianos, etc., are all the rage today and deservedly so. For it is only by electronic means that the full capabilities of these instruments can be realized in a large auditorium. And it is only by this method that the volume and tonal range can be extended. Many types of "straight" electric instruments are on the market but many musicians feel that these instruments do not possess the true beauty of tone that an original instrument is capable of. Lafayette engineers set out to design an "adapter" that would make it possible to add "electronic amplification" to "original" instruments. How well they succeeded can best be told by the remark of a well known musician who upon hearing it for the first time said, "it must have been designed by a musician for musicians".

Powerful Clear-Toned Amplifier

The amplifier is similar to the Model 261-T described on the opposite page No. 52 and has an output of 25 to 35 watts. This power handling capacity assures perfect tonal reproduction without distortion at any volume level. Complete control of volume is by means of a smooth acting foot pedal thus leaving the hands free to play the instrument in the normal manner.

Complete System

Model 829-T—Lafayette Musical Instrument Adapter including; 25-35 watt amplifier, two 11" speakers mounted in a handsome portable carrying case (17"x17½"x9"), 25 feet of cable attached to each speaker, Vibration Contactor for instrument (K-13661), Foot Pedal Volume Control (K-13663), and tubes. Code REFGP. **\$63.95**
 List \$127.90. Wt. 98 lbs. Your Cost



Easily Attached

Attached or detached at will. With it your favorite instrument gains new life—new power—a new volume range from a whisper to an overpowering crescendo. Yet you may remove it and have your instrument in its original form.



No Sound System Can Function Without Speaker Baffles

\$43⁵⁰

LESS TUBES AND PHONO COVER



No Power Packs Required



TECHNICAL SPECIFICATIONS

Output: Rated 20 W. . . Peak 30 W.
 (Guaranteed output on both 6 volts D.C. and 110 volts A.C.)
 Gain on Microphones: . . . 130 db.
 Gain on Phono: . . . 90 db.
 3 Inputs 1 Mike, 2 Phono
 Freq. Response: 50-10,000 c.p.s.
 Hum Level below 20 W.: —50 db.
 Output Impedances: 2, 4, 8, 16, 250 and 500 ohms
 Complete Standby Facilities
 Tone Control—Reverse Feedback

UNIVERSAL SINGLE UNIT

20-30 WATT MODEL PHONO-UNIT OPTIONAL

- New Universal Amplifier Development
- Operates Equally Well on Both Car Battery and 110 V. A.C. House Current
- Instantly Convertible to Either Supply
- Ideal For All Mobile P.A. Requirements
- Stand-by Switch—Full Tone Control
- Fades-Mixes Mike and Phono Inputs
- New Modern Streamline Design

Designed especially for use on sound trucks, trains, trailers, boats or wherever a high power high quality amplifier operating from a 6-volt storage battery is required. Since it requires no additional external power pack for use on 110 volt a.c., it is therefore also ideal for political rallies, sport events, fairs, carnivals, etc. It is instantly convertible from 6 volt to 110 volt a.c. operation. Outputs and all specifications listed are for both types of current, and **GUARANTEED.**

Uses "Beam-Power" Tubes

Two modern "Beam-Power" tubes provide the full rated output with the high-fidelity now necessary on both voice and music reproduction. Tubes used are: 1-6J7, 2-6N7's, 2-6L6G's and 2-6X5G rectifiers.

Mixing-Fading Controls

A built-in electronic mixer-fader permits blending of the inputs of both low-gain channels or of one low gain channel with the high gain input. Tone control permits adjustment to meet all acoustical conditions found both indoors and out. These are important essentials, carefully engineered and included in this dual unit so that all requirements in the field can be met.

Modern Streamlined Appearance

Rugged, handsome, all-steel chassis and cover. Attractive control panel. Shielded plugs supplied for connection to input receptacles,—rubber plugs for output. Input and output receptacles on rear of amplifier chassis. Amplifier chassis has slate gray finish; cover finished in platinum gray wrinkle. Overall dimensions: 16½"x10"x14" deep.

Lafayette engineers are proud of this instantly convertible Universal Mobile P.A. Amplifier. It offers flexibility and versatility that excels, by far, competitive makes in this field. Available with or without phonograph mechanism, this amplifier will supply higher fidelity reproduction for both indoor and outdoor use, and will provide the long, trouble-free operation which those who know Lafayette's reputation have the right to expect.

Standard Universal System

Model 269-A—Lafayette 20 to 30 watt Standard Universal Amplifier for operation on both 6 volts d.c. and 110 volts 50/60 cycles a.c. Less tubes and cover, but with connector cables and plugs. Shpg. wt. 45 lbs. **\$43.50**

Code, SBCDI. List Price, \$87.00. Your Cost **\$49.50**

Model 269-T—Same as above, but with all tubes. **\$87.50**

Your Cost
 Model 871-T—Complete 20-30 watt System, including Amplifier Model 269-T complete with tubes, Shure Military Hand Microphone, 2 heavy-duty 12-inch P.M. speakers (K-19228), 2 Aluminum Dome Baffles (K-20040), 12 ft. of mike cable, two 25 ft. lengths of speaker cable, **READY TO OPERATE** with no extras of any kind needed. Wt. 88 lbs. Code, RCDEJ. **\$87.50**

List Price, \$175.00. Your Cost

Super Universal System

Model 859-T—Complete 20-30 watt Super Universal System, including Amplifier Model 269-T, complete with tubes, one mike (specify choice from list at right), DeLuxe floor stand (K-13528), 2 heavy-duty 12-inch P.M. speakers (K-19228), 2 Aluminum Dome Baffles (K-20040), and 2 mounting fixtures (K-20095), for mounting speakers, 12 ft. of mike cable, 2-50 ft. speaker cables, **READY TO OPERATE**, no extras needed. Wt. 118 lbs. Code, RKLMO. **\$99.25**

List Price, \$198.50. Your Cost

Phono-Attachment for Above Systems

Model 316-DF—Phonograph cover consisting of fine 78 r.p.m. phono-motor for operation on both 6 volts d.c. (through amplifier only) and 110 volts, 50/60 cycles a.c., 12-inch turntable and speed control, Shure Hi-Fidelity Zephyr Crystal Pick-up, with cables and plugs for connection to phono jack on amplifier. Wt. 15 lbs. Code, RBCDI. List Price, \$37.50. **\$87.50**

Your Cost **\$2.60**

Model 269-DF—Plain Cover only, for either system, add



**Choice of Microphone
A Special Lafayette Feature**

At no additional cost with System 859-T with Compensator.
 (1) Amperite "De Luxe Velocity" with Compensator.
 (2) Shure "Rocket." (3) Shure "Spherical." (4) Shure "Grille." (5) Shure "Swivel." (6) Electro-Voice "De Luxe Dynamic." All with cable connector, and 12 ft. cable.



54 BATTERY OR HOUSE CURRENT OPERATION



6 VOLT 110 VOLT PHONO-AMPLIFIER MOBILE P.A. SYSTEMS

30 TO 40 WATT SYSTEM

- 1939's Finest 6V. D.C.—110 V. A.C. Combination Portable
- Ideal for Indoor and Outdoor P.A. Applications
- Instantly Convertible
- All-Steel, Attractively Finished Metal Container
- Built-In Phono Motor and Turntable-Speed Regulator
- Hi-Fidelity Crystal Pickup
- Remove Only Turntable To Reach All Tubes
- All Controls, Switches, Plugs Placed on Top
- Mixing-Fading Facilities
- Variable Tone Control
- Operates With Any Type Modern Microphone
- Completely Enclosed in All Metal Carrying Case

ALL-METAL CARRYING CASE

\$87⁹⁵
LESS TUBES



No Power Packs Required

Technical Specifications

Rated Output 30 Watts
Peak Output 40 Watts
Microphone Gain: 130 db.
Phono Gain: 87 db.
Two Input Channels:
1 Microphone, 1 Phono, etc.
Freq. Res.: 50-10,000 cps.
Hum Level —58 db.
Output Impedances: 2, 4, 8,
16, 50, 250 and 500 ohms.
Tubes Used: 1-6J7, 2-6N7's,
1-6E6, 4-79's and an 83.

Standard 30-40 Watt Amplifier

Model 334-P—Lafayette 30-40 watt Universal Amplifier with phono motor, 12" turntable, Shure Crystal Pick-up; in metal carrying case. Dimensions are 18 1/4" x 14 1/4" x 9"; for 6 volts d.c. and 110-125 volts, 60 cycles a.c. Less tubes. Wt. 48 lbs. Code S.A.B.C.K. **\$87.95**

List Price \$175.90. Your Cost **\$94.57**

Model 334-T—
Same as above, with tubes **\$94.57**

Complete Standard 30-40 Watt System

Model 817-T—Complete 30-40 watt Standard System includes, Model 334-T Amplifier and phono unit as listed above, with all tubes, one Shure Military Hand Mike, 12 ft. of mike cable, 2—12" heavy-duty P-M speakers (K19228), 2 aluminum dome baffles (K20040), 50 ft. of speaker cable, all connectors and plugs. Ready to operate. Wt. 105 lbs. Code RFG.HI. List Price \$265.00. **\$132.50**

Your Cost

Complete De Luxe 30-40 Watt System
Model 865-T—Complete 30-40 watt De Luxe System, same as Model 817-T but with choice of one De Luxe Microphone (from list on page 54), one De Luxe Mike Stand (K13528) and in addition 2 speaker mounting fixtures (K20095) and 100 ft. of speaker cable. Complete, ready to operate. Shpg. wt. 130 lbs. Code RBCDM. List Price \$285.20. **\$144.60**

Your Cost



30-40 Watt Universal Portable System

There are many tremendous possibilities and advantages for the sound dealer and technician in this completely modern universal portable sound system. Its improved circuit design, innumerable applications and flexibility make it outstanding in the mobile and portable amplifier field. Technical specifications are given in adjacent box.

Two Systems in One

TWO splendid systems for the price of one! That's what you get when you purchase this dual convertible system which performs equally well on 6 volts d.c. and 110 volts a.c. No need for external power packs or converters—the two systems are complete in one unit. It is the highest power convertible system available, and no finer unit can be had for mobile PA work or wherever a high-quality amplifier may be required.

Speedy Changeover to Either Current

Requires less than 5 seconds to change over from 6 volt battery operation to 110 volts a.c.—or vice versa. A simple cable consisting of a plug and two heavy rubber covered leads is furnished for permanent connection to car storage battery. Another cable with ordinary plug for house current is provided. Changeover consists of removing one plug and inserting the other. Both amplifier and phonograph are instantly and simultaneously converted and ready for immediate operation. A portable system as flexible and versatile as this is an invaluable asset for outdoor and indoor P.A. work.

Plug-In Type Connection—Mixer-Fader Controls

A microphone jack is provided for connecting the microphone to amplifier. Input of microphone and phono can be mixed to any desired degree through use of built-in electronic fader-mixer controls. A variable tone control permits overcoming or compensating for any acoustic condition likely to arise. All controls, switches and plugs are placed on top so as to enhance the appearance of the carrying case and provide ease of operation.



FROM CAR TO AUDITORIUM

30 TO 40 WATT AMPLIFIERS

SPECIAL "Remotrol" MODEL



\$28.95 STANDARD MODEL
LESS TUBES & COVER



STANDARD MODEL

Larger banquet halls, churches, auditoriums, noisy nite clubs, etc., will find the model 271-TDF to be an excellent choice at an extremely reasonable price. It has power to spare for such applications—all of the facilities required—and fidelity of reproduction that lifts it head and shoulders above the average. Features include provisions to use not just one but TWO microphones at the same time with complete mixing and fading facilities so that any one or two of four channels (2 microphone and 2 phono, electric guitar, etc.) can be selected at will smoothly and noiselessly.

Reverse Feedback
Reverse feedback makes possible true high fidelity reproduction even at the maximum output of the amplifier. And "beam power" output tubes assure high efficiency. The complete complement of tubes includes: 2-6J7's, 2-6N7's, 2-6L6G's, and 2-5V4G's.

Four Input Channels
Two high-gain and two low-gain channels are provided. Mixing and fading of any two inputs is afforded by means of a built-in electronic mixer. Provisions for photo-cell operation.

Luminous "Neo-Dials"
Controls are illuminated by the exclusive Lafayette "Neo-Dials". This permits accurate control of the amplifier even under poor lighting conditions as encountered when the normal room lighting is dimmed during a "number".

Model 271-A—Lafayette Standard 30-40 watt Amplifier, less tubes and cover. For 105-115, 115-125 volts 50/60 cycles a.c. Sizes 16 1/2" x 6" x 8 3/4" high. Code SABC. **\$28.95**
Shpg. wt. 32 lbs. List \$57.90. **Your Cost**.....

Model 271-T—As above but with a set of matched tubes. **Your Cost**... **\$36.18**

Model 271-DF—Steel Cover for above. Wt. 6 lbs. (K-13727). **Your Cost**... **\$2.10**

SYSTEM PRICE AT BOTTOM OF NEXT COLUMN

Technical Specifications
Peak 40 watts. Rated 30 watts.
Mike gain: 132 db. Phono Gain: 85 db.
4 Inputs: 2 microphone, 2 Phono, etc.
Field: 20 watts for two 2500 ohm spkrs.
Frequency Response: 50-10,000 c.p.s.
Hum Level below 30 watts . . . —55 db.
Out. Imped.: 2, 4, 8, 16, 250 and 500 ohms.



Choice of Microphone
At no additional cost with Systems 837-T and 838-T. 1) Amperite "DeLuxe Velocity" with compensator. 2) Shure "Rocket". 3) Shure "Spherical". 4) Shure "Grill". 5) Shure "Swivel". 6) Electro-Voice "DeLuxe Dynamic" All with cable connector.



"REMOTROL" MODEL

At A New Low Price

First introduced less than a year ago our sales have increased so rapidly on this model that we are now able to pass on to you savings that can be made due to lowered production costs. Orchestra leaders, stage managers, etc., were quick to realize that here at last was an improvement in amplifiers that was of great help to them. With a tiny light weight remote control box measuring only 3 15/16" x 2 7/8" x 1 15/16" complete control of volume and mixing of all channels can be had any desired distance from the amplifier proper. Tubes used, 2-6J7's, 2-6L7's, 2-6N7's, 2-6L6G's, and 2-5V4G Rectifiers. All other characteristics of the amplifier are the same as the standard model.

Model 272-A—Remotrol Amplifier similar to Model 271-A but including control box and 50 feet of cable. Code SBCDG. Shpg. wt. 45 lbs. **\$38.95**

Model 272-T—Same as above but with set of matched tubes. **\$46.77**

Model 272-DF—Screen Cover for above. Shpg. wt. 6 lbs. (K-13727). **Your Cost**..... **\$2.10**
For 220 volt operation model 271-A or 272-A for 60 cycles; add \$2.65. For 25 cycles \$11.40.

Complete "Co-ordinated" Systems

Standard Model
Model 837-T—30 to 40 watt System complete with model 271-T Amplifier, tubes, model 271-DF Cover, choice of any one of the above mikes, two new model K-20056 Lafayette fabrikoid Wall Baffles, two 12" auditorium type Speakers (K-19214), "Clutch-Type" Mike Floor Stand (K-13528), 12 feet mike cable, 100 feet of speaker cable, all plugs and full instructions. Shpg. wt. 105 lbs. Code RGHLL. List Price \$157.50 **\$78.75**
Your Cost.....

Remotrol Model
Model 838-T—Exactly the same as the above system but with model 272-T Remotrol Amplifier and control box. Shpg. wt. 115 lbs. Code RIJKM. List \$177.90. **\$88.95**
Your Cost.....

30 TO 40 WATTS



MULTI-CHANNEL AMPLIFIER

SENSATIONALLY DIFFERENT!

- Operate From 1 to 5 Microphones Individually Or Simultaneously
- 7 Input Channels: 2 Phono—5 Mike
- Complete Mixing And Fading
- Master Volume Control
- Built-in High And Low Frequency Equalization Individually Controlled
- Beam Power Tubes • 14 Tubes
- New Cascade Reverse Feedback



Choice Of Microphone

At no additional cost with Systems 886-T, 879-T: (1) Amperite "DeLuxe Velocity" with compensator. (2) Shure "Rocket". (3) Shure "Spherical". (4) Shure "Grille". (5) Shure "Swivel". (6) Electro-Voice "DeLuxe Dynamic".

5 MIKES
Individually
CONTROLLED

7 INPUTS
Complete
MIXING & FADING



\$44⁷⁵ LESS TUBES & COVER

They said it couldn't be done—but here it is! And orchestra leaders everywhere are acclaiming this new Lafayette Multi-Channel Amplifier as the finest thing they have ever seen and heard. Now for the first time you can operate up to FIVE microphones at one time and still have complete control over each individual microphone. Place one mike in the brass section—another in the woodwinds—a third by the tympany—a fourth by the strings—and use the fifth for the vocal soloist. Then adjust each one to just the "right" volume—cut out any one or all—just as you wish—a twist of the hand and its done.

7 Input Channels

Seven channels are provided, 5 for microphones and two for phono pickups or similar devices. Actually six input channels can be operated simultaneously—five mike and either one of the two phono channels.

High and Low Equalization

A total of 14 tubes are employed including two "beam power" tubes. Equalization for both high and low frequencies is provided for with separate controls for each.

TECHNICAL SPECIFICATIONS

Peak Output 40 watts Rated Output 30 watts
Microphone Gain 133 db Phono Gain 85 db
7 Inputs (6 at one time): 5 Mike, 2 Phono.
Hum Level below 30 watts —55 db
Tubes used: 5-6J7, 5-6CB-G, 2-6L6, 2-5V4G
Frequency Response: 50-10,000 c.p.s.
Output Imped.: 2, 4, 8, 16, 250 and 500 ohms
Max. Equalization at 50 and 7,000 c.p.s., 15 db

Amplifier Available Separately

Model 277-A—30 to 40 watt Multi-Channel Amplifier as described but less tubes and screen cover. Overall Dim.: 17 1/4" x 8 1/4" x 9 1/4" high. Shpg. wt. 42 lbs. Code SKLMN. List Price \$89.50.

Your Cost **\$44.75**

Model 277-T—Same as the above but with complete set of matched tubes. **\$55.94**

Model 277-DF—Screen cover only as illustrated on amplifier. (K13728) Shpg. wt. 8 lbs. **\$2.25**

"Co-ordinated" System

Model 879-T—Complete System including model 277-T Lafayette Multi-Channel Amplifier, tubes, 277-DF screen cover, one microphone (your choice of any ONE of six nationally advertised models illustrated above), DeLuxe clutch-type mike stand (K13528), two 12" Heavy Duty P.M. Speakers (K13228) two new K22056 fabrikoid wall-type speaker baffles, 12 feet of mike cable, 100 feet of speaker cable and all plugs and instructions. Wt. 130 lbs. Code RMNOQ. List Price \$199.90. **\$99.95**

Your Cost

Model 886-T—As above but with any TWO mikes and any two floor stands. Wt. 150 lbs. Code RDEFO. List \$234.40. **\$117.20**

Your Cost

Model 894-T—As above but with any FIVE mikes, and FIVE Floor Stands. Wt. 210 lbs. Code RECDN. List \$337.90 Your Cost **\$168.95**

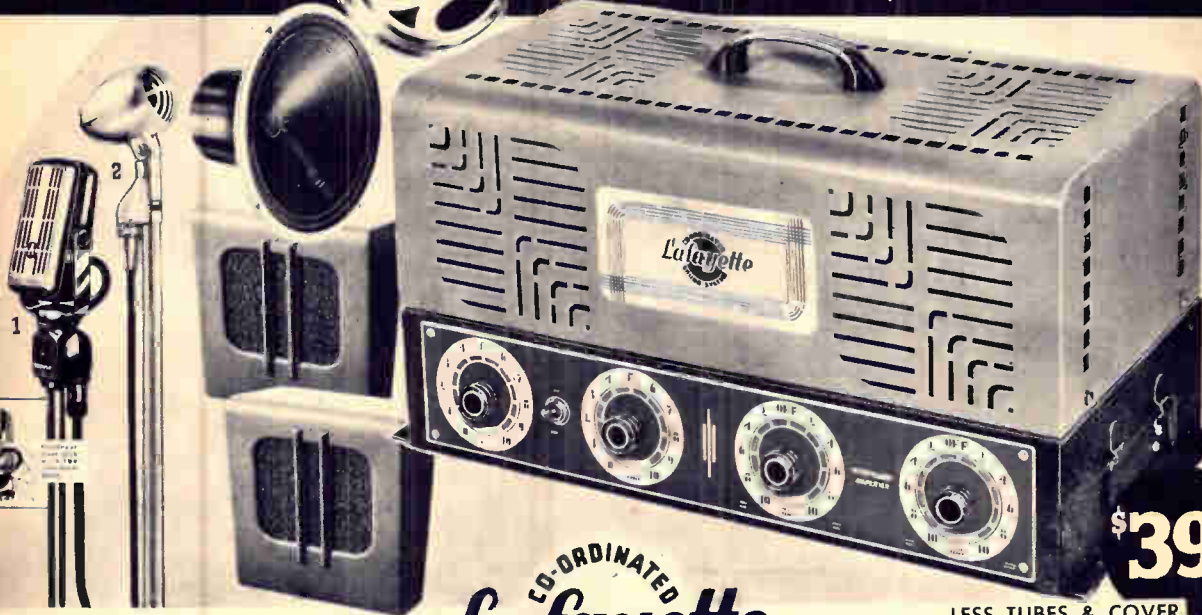


LOW COST

SYSTEM WITH

DeLuxe 40 TO 55 WATT

BUILT-IN EQUALIZER



\$39⁹⁵

LESS TUBES & COVER

- High in Power—Low in Cost
- Outstanding in Performance
- Low and High Frequency Equalization Controls
- Reverse Feedback Circuit
- 4 "Beam Power" Tubes

CO-ORDINATED
Lafayette
SOUND SYSTEMS

Technical Specifications	
Peak Output 55 w.	Rated Output 40 w.
Mike Gain 132 db	Phono Gain 87 db
4 Input Channels: 2 mike, 2 phono, etc.	
Field Supply 20 watts for two 2500 fields.	
Hum Level below 40 watts.....	-60 db
Frequency Response.....	50 to 10,000 c.p.s.
Output Imp.: 2, 4, 8, 16, 250 and 500 ohms.	
Max. Equal. at 30 & 7,000 c.p.s.....	+15 db

Modern Streamlined Design

External design of the unit is in keeping with its advanced technically correct circuit. Dials are illuminated by the exclusive "Neo-Dial" method making it simple to adjust the controls even in dim room lighting. Platinum grey finished protective cover in streamline design.

Reverse Feedback

By employing "reverse feedback", a technical term for a method of cancelling out undesired frequencies, full power output that is astonishingly free from distortion is obtained.

Simple—Quick Installation

Like practically all Lafayette Sound Systems, this one can be installed quickly and easily due to the use of plug-in connectors on both mike and speaker cables. Every Lafayette System is individually tested before it is shipped.

Model 283-A—Lafayette 40 to 55 watt Amplifier less tubes, screen cover and accessories. For 110 volts 50/60 cycles a.c. Size: 17 1/4" x 8 1/4" x 8 1/2" high. Code SDEFH. Shpg. wt. 40 lbs. List Price **\$39.95**
\$79.90. Your Cost

Model 283-T—Same as above but with set of tubes. Your Cost **\$46.43**
Model 283-DF—Decorative Steel Cover. (K13728) Your Cost \$2.25

For 220 volts 60 cyc., add \$3.20; 25 cyc. \$14.50
"Co-ordinated" Sound Systems

The complete "co-ordinated" Sound System Model 841-T consists of two of the new Lafayette fabrikoid Wall Baffles (K22056) together with two auditorium type 12" Speakers (K19214) and a choice of any one of six nationally advertised microphones illustrated above (specify model desired) together with the model 283-T Amplifier complete with screen cover model 283-DF and set of matched tubes, DeLuxe microphone floor stand (K13528), 12 feet of mike cable and 100 feet of speaker cable.

Model 841-T—Lafayette Sound System as described above. Wt. 124 lbs. Code RKLMM. List \$177.90. **\$88.95**
Your Cost

Tone quality that will meet the most exacting requirements. Power to spare even under adverse conditions. Here is a value that can seldom if ever be duplicated. Now you can have higher power at a price you can afford to pay. And, like all amplifiers bearing the Lafayette name, its quality of workmanship is unquestionable. If it is a Lafayette amplifier you know it is good.

All New 1939 Improvements

Every new feature that engineers who pioneered in P.A. can devise to improve performance and ease of operation has been incorporated into this new model 283-A Lafayette 40 to 50 watt Amplifier. Separate controls have been included to adjust both high and low frequency response. Thus any type of sound input can be adjusted to assure the finest possible reproduction. A total of four input devices are provided for. Two of which can be of the low level type such as crystal, velocity or dynamic microphones. The other two channels are for high level devices such as phono pickups, electric musical instruments, etc.

An electronic mixing-fading system permits fading from a low level channel to a high level one and to mix two high level, two low level or one low level and one high level channel together.

Four "Beam Power" Tubes

Four of the highly efficient "beam power" tubes are employed. Tubes include 2-6J7's, 2-6C8G's, 1-6C5, 4-6L6G's, and an 83 rectifier. This tube combination makes possible high power output that is practically distortionless.

20 Watts Field Supply

A total of 20 watts of field supply current is supplied by the amplifier to serve two speaker fields of 5,000 ohms total resistance. Fully shielded plugs are used for input, rubber capped plugs for output. Variable output impedances range from 2, 4, 8, 16, 250 to 500 ohms impedance.



Choice of Microphone

At no additional cost with Lafayette System 841-T. A choice of one of six deluxe microphones: (1) Amperite "DeLuxe Velocity", with Compensator. (2) Shure "Rocket". (3) Shure "Spherical". (4) Shure "Grill". (5) Shure "Swivel". (6) Electro-Voice "DeLuxe Dynamic". All with cable connector.



70 TO 100 WATTS

WITH AUTOMATIC VOLUME CONTROL & EXPANSION



\$53⁹⁵

LESS TUBES & COVER

- Maximum Power Output In A Minimum Of Space
- Volume Enough For A Race Track Yet Clear As A Bell
- All Of The Important 1939 Features Including AVC-AVE

BY far the highest power available in an amplifier as compact and complete in every detail as this new model 291-T 70 to 100 watt Stadium Amplifier. Previous to the original development of this unit by Lafayette engineers Audio amplifiers having this power output were large bulky affairs and did not have a fraction of the features incorporated in this new unit. It is designed for use wherever very large single groups of persons must be covered such as at large ball parks and athletic fields. It is also to be used wherever a considerable number of loudspeakers are employed such as in call systems in factories, fairs, etc.

All of the Important 1939 Features

AVC—or automatic volume control is of particular importance and value in a high power amplifier. It serves to keep the output volume constant irrespective of the volume of input thus preventing blasting and distortion.

AVE—or automatic volume expansion overcomes the failure to record the full volume range on phonograph recordings. Due to the necessity for reducing volume when recording loud passages to prevent "overcutting" these passages are not reproduced on an ordinary amplifier in their true relation.

With automatic volume expansion these passages are automatically boosted to their original value.

Cathode "Eye" Indicator—permits accurate adjustment of volume and an approximate estimate of output power in use.

4 "Beam-Power" tubes comprise the double push-pull audio stage supplying full rated output with a minimum of distortion. Complete tube complement includes: 3-6J7's, 1-6L7, 1-6G5, 1-6F6G, 1-6H6, 1-6N7, 4-6L6G's, and 2-83 rectifiers.

Four Input Channels

Two high and two low gain channels are provided. The high gain channels are for use with microphones and the low gain for phono pickups, and similar devices. High or low gain channels may be mixed together or one of each as desired.

All controls such as volume, fading and tone control have the famous Lafayette "Neo-Dials". These softly glowing illuminated dials permit operation of the amplifier in darkened locations.

Wide Range Tone Control

A wide range tone control adjusts the high frequency response of the amplifier to suit the source of sound to the acoustic conditions of the location.

Choice of Microphone
 At no additional cost with System 897-T.
 1) Amperite "DeLuxe Velocity" with Compensator. 2) Shure "Rocket" crystal. 3) Shure "Spherical" crystal. 4) Shure "Grille" crystal. 5) Shure "Swivel" crystal. 6) Electro-Voice "Deluxe Dynamic". All mikes with cable connectors and 12 feet cable.

Technical Specifications
 Rated Output: 70 watts. Peak: 100 watts.
 Mike Gain: 139 db. Phono Gain: 95 db.
 4 Inputs; 2 Mike, 2 Phono or similar.
 Freq. response: 50-10,000 c.p.s.
 Hum Level below 70 watts . . . -60 db.
 Output Impd. 2, 4, 8, 16, 250 and 500 ohms

Model 291-A—Lafayette 70-100 watt Amplifier, less tubes and cover. For 105-115 and 115-125 volts 50/60 cycles a.c. Size: 18 1/4" x 10 1/2" x 9" high. Shpg. wt. 50 lbs.
 Code SCDEG.
 List Price \$107.90. **\$53.95**
 Your Cost

Model 291-T—Same as above but with complete set of tubes.
\$65.22
 Your Cost

Model 291-DF—Screen Cover for above as illustrated. (K-13729). Wt. 8 lbs.
\$2.50
 Your Cost

220 V. 60 cyc. add \$3.60—25 cyc. add \$15.50
"Co-ordinated" Sound System

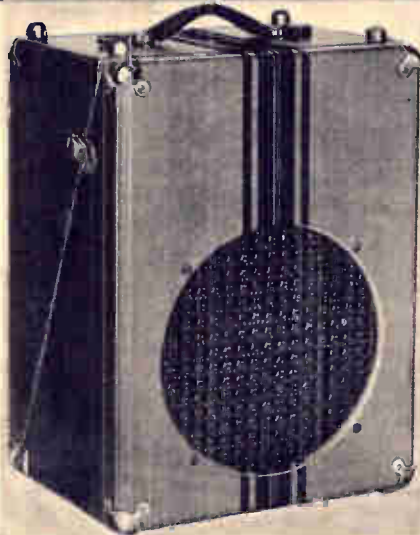
Model 897-T—Lafayette 70-100 watt System complete (as illustrated) with model 291-T Amplifier, tubes, model 291-DF cover, four new Lafayette fabrikoid wall baffles (K-19228), one mike (choice of any one of six shown above.) One mike stand (K-13528), 12 ft. mike cable, 200 feet speaker cable, all plugs, instructions, etc. Ready to operate.
 Code RBCDK. Shpg. wt. 165 lbs.
 List Price \$269.90. **\$134.95**
 Your Cost

MODERN INEXPENSIVE *Portable*

15 to 18 Watts DUAL SPEAKER SYSTEM

- HIGH POWER—LOW COST
- COMPACT—MODERN
- 2 CONCERT TYPE SPEAKERS
- CHOICE OF MICROPHONE

Priced unbelievably low yet highly efficient in performance this new Lafayette 15 to 18 watt portable system leaves nothing to be desired for average use. It has most of the really important modern features that expensive models have and can be used with any modern microphone—velocity, crystal, sound-cell, dynamic, etc.—without addition or change. Connections are also available for use with phono pickups, electric guitars and similar input devices.



Choice of Microphone
At no additional cost with Systems 804-T and 810-T (1) Ampere "DeLuxe Velocity" with Compensator. (2) Shure "Rocket" crystal. (3) Shure "Grill" crystal. (4) Shure "Swivel" crystal. (5) Electro-Voice "DeLuxe Dynamic". All furnished with cable connector. Systems 811-T and 819-T furnished only with LH Lafayette Velocity mike.

"Beam Power" Tubes—Ample Power
Two of the modern "beam power" tubes are used in the model 246-T Amplifier (described in detail on page 51) which forms the heart of the model 311-T 15 to 18 watt system. This assures more than ample power for the average dance hall, lecture room, etc., and for outdoor purposes such as ballyhoo for circus midway, boardwalk concessions, etc.

Mixer—Fader Controls
Fading from a microphone channel to a phono channel and mixing of two mike channels, two phono channels or one mike and one phono channel is provided for. The third control on the face of the amplifier is a tone control.

Two 10" Concert Type Speakers
A large 10" powerful speaker is mounted in each half of the carrying case which serves as a baffle for the two speakers. These speakers are capable of handling the full output of the amplifier without distortion. Each speaker is equipped with 25 feet of connecting cable in such a manner that one of the speakers can be placed up to 50 feet from the amplifier.

Handsome Carrying Case
The sturdy carrying case is covered with attractive beige leatherette having contrasting dark brown stripes in airplane-luggage style. Size: 17x12 3/4 x 10".

Model 311-P—15 to 18 watt Portable System, less tubes, microphone and stand. For 105/125 volts 50/60 cycles a.c. Wt. 42 lbs. Code RLMNO.

List Price \$66.50. **\$33.25**

Your Cost...
Model 810-T—Same as above but including your choice of any one of five nationally advertised microphones as listed at left (specify type desired) and banquet stand (K13583) plus 12 feet of mike cable. Wt. 65 lbs. Code RMNOP. List Price \$101.90. Your Cost **\$50.95**

Model 811-T—Same as above but with Lafayette genuine "Velocity" mike and K-13584 Desk Stand. Code RNPQJ.

List Price \$95.00. Your Cost **\$47.50**

Carrying Case Only
The carrying case furnished with above systems is available separately. Model K-21930—Lafayette 12-15 watt "slip-in" carrying case only. Shpg. wt. 12 lbs. Your Cost **\$5.95**

5 to 8 Watt *Low*

- USE ANY MODERN MIKE
- OVERSIZE SPEAKER

Compactness—perfect performance—handsome appearance—light weight—mark this as a truly unusual unit. Smaller than a hat-box it is the most "portable" of the portables. For window and store demonstrators, salesmen, soloists, etc., it is unquestionably the ideal unit. It has power enough even in noisy locations to cover a reasonably large area.

Attractive Durable Case
The luggage type carrying case is especially attractive and very sturdy. Made of hardwood veneers and covered with durable tan fabricoid with contrasting dark brown stripes. Corners are reinforced with brass finished metal and all hardware is finished to match. A protective steel screen covers the speaker opening.

Efficient Amplifier
The model 230-T Amplifier used in this system has an output of 5 to 8 watts with a maximum gain of 120 db and a hum level of -55 db. It has provisions for both microphone and phono input devices. A fader control permits smooth noiseless selection of either channel and accurate control of volume. A continuously variable tone control allows for high frequency response correction to suit the acoustical conditions encountered in various locations. The tubes employed include: 2-6J7's, 1-6N6G, and one 5V4G rectifier. All of the tubes are the latest modern type. Thus the highest possible efficiency is realized with minimum current consumption and freedom from distortion.



Cost SYSTEM

- FADER AND TONE CONTROL
- LUGGAGE STYLE CASE

The speaker is mounted into the case which acts as a baffle for the speaker when in operation. A full 8 inch permanent magnet dynamic speaker assures high fidelity reproduction even at maximum output.

Weatherproof Cable
Twenty five feet of rubber covered weatherproof speaker cable is attached to the speaker and fitted with a soft rubber connecting plug. The amplifier is removed from the case when in use and both speaker and mike cables merely plugged into receptacles on the rear of the amplifier. The only other connection needed is plugging in the a.c. line cord. It is easily set up within a few minutes, ready-to-operate.

Priced Extremely Low
Model 302-P—Lafayette 5 to 8 watt System with model 230-A Amplifier, less tubes, mike and stand. Overall dimensions: 10" x 9 3/4" x 7 1/4". List \$36.80. Shpg. Wt. 26 lbs. **\$18.40**

Code RBCDH. Your Cost...
Model 804-T—Same as above but complete with any one of the five nationally advertised microphones shown above (Specify model and make desired) with special table stand (K13583) and 12 feet of mike cable. Shpg. wt. 50 lbs. List \$69.50. **\$34.75**

Code ROPQR. Your Cost...
Model 819-T—Same as above but with Lafayette genuine "Velocity" mike with K-13584 Desk Stand. Code RSTUV. List \$62.50. **\$31.25**

Your Cost.....

Systems FOR EVERY REQUIREMENT

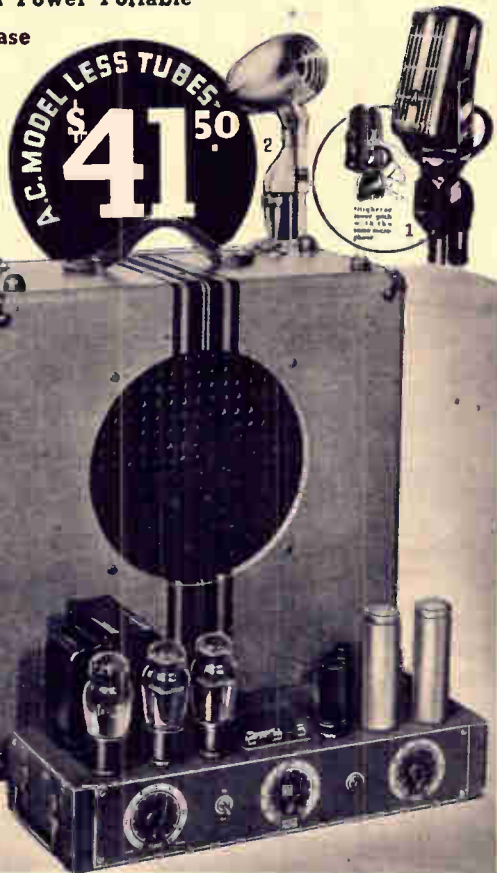
AMERICA'S MOST POPULAR PORTABLES!

- The Lowest Priced High Power Portable
- All Complete In One Case
- Dual Concert Speakers

CHOICE OF MIKE



At no additional cost with Systems 833-T and 843-T. (1) Amperite "DeLuxe Velocity" with compensator. (2) Shure "Rocket." (3) Shure "Spherical." (4) Shure "Grille." (5) Shure "Swivel." (6) Electro-Voice "DeLuxe Dynamic." All with cable connector; 12 ft. cable. Systems 834-T & 845-T furnished only with genuine Lafayette "Velocity" mike illustrated below.



A.C. MODEL LESS TUBES - \$41.50

25 - 35 WATT

STANDARD A. C. MODEL

By far the most popular model in the complete Lafayette line is the 25 to 35 watt Standard Portable System. This, the new 1939 model, has more features than ever before and is a sterling example of Lafayette's ability to give you "More Watts Per Dollar" than competitive manufacturers.

Incorporates Model 261-T Amplifier
The amplifier incorporated in this model is the new Lafayette model 261-T fully described on page 52 and has facilities for using one microphone and two phono pickups or similar devices. Fading and mixing is provided for these inputs as described on the aforementioned page.

Two 11-inch Speakers

The case as shown in the illustration comes apart and an 11-inch speaker is mounted in each half. These speakers are concert type units and are capable of excellent reproduction with freedom from distortion. The Amplifier is removed from the case when the System is to be used and can be placed 25 feet from the first speaker and 50 feet from the second.

Model 320-P—Lafayette 25-35 watt Standard A.C. model System with case and two speakers as described but less tubes, mike and stand. Dimensions: 17"x17½"x9" deep. Wt. 62 lbs. Code SHIJK.

List Price \$83.00. **\$41.50**

Model 833-T—Same as above but complete with your choice of any one of six nationally advertised mikes (illustrated at top of page. Specify model desired), mike stand (K13647) and 12 feet of mike cable. Shpg. wt. 75 lbs. Code RTUVW.

List \$125.00. **\$62.50**

Model 834-T—As above but with Lafayette genuine "Velocity" (not velostatic) mike (illus. at left of page) stand and 12 feet mike cable. Shpg. wt. 74 lbs. Code RLMNW.

List \$118.90. **\$59.45**

Your Cost.....

20-30 WATT

AC-DC MODEL

- Identical Performance On Both Alternating and Direct Current
- Ideal For Traveling Shows

One serious problem often encountered by traveling shows and orchestras is when direct current is the only type available and all equipment is of the more usual alternating current type. Resort is often had to converters to change-over this current from d.c. to a.c. with this new Lafayette A.C.-D.C. model no external conversion equipment is necessary—it works equally well on both currents.

Model 318-P—Lafayette 20-30 watt A.C.-D.C. Portable System with case and two speakers as described at left but less tubes, mike and stand. Dim.: 17"x17½"x9" deep. Wt. 65 lbs. Code SGHJ.

List Price \$109.20. **\$54.60**

Model 843-T—Same as above but complete with your choice of any one of six nationally advertised mikes (illustrated at top of page. Specify model desired), mike stand (K13647) and 12 feet of mike cable. Shpg. wt. 80 lbs. Code RMNOU.

List Price \$151.50. **\$75.75**

Model 845-T—As above but with Lafayette genuine "Velocity" (not velostatic) mike as illus. at left of page, stand (K13647) and 12 ft. mike cable. Wt. 79 lbs. Code RNPV.

List \$145.20. **\$72.60**

Your Cost.....



Top illustration shows amplifier removed from case and case closed for carrying; illustration above shows case open revealing speakers; illustration at right shows amplifier partially inserted into case in position for carrying.

● Both Models Use Same Modern Carrying Case

Both the Standard A.C. and the A.C.-D.C. models employ the same carrying case. When closed the entire system is contained within the single carrying case. When open the amplifier is removed from the case and each half of the case then serves as a baffle for the speaker attached to it. Each speaker has 25 ft. of cable attached to it—one plugs into the amplifier itself and the other into the first speaker. Case is covered with tan fabricoid embellished with contrasting stripes of dark brown. Hardware finished in brass.

AC-DC Model Hum-Free and Dependable
The Lafayette AC-DC System model 843-T incorporates the model 253-A AC-DC Amplifier described in detail on page 53. It will operate equally well on both 105/125 volts 50/60 cycles a.c. and d.c. No external equipment of any type is required. It is hum-free and absolutely dependable in operation. Facilities for operating one microphone and two phono pickups, or similar devices are available. Maximum gain on mike channel is 128 db.—on phono channels 80 db. Both mixing and fading are provided for.

Case Only Available Separately
K-22063—Carrying Case only **\$7.45**

STARTLING VALUES IN HIGH

30 WATT STANDARD & REMOTROL SYSTEMS

In Smart "Airplane Luggage" Case

The most powerful single-case portable system in the Lafayette line—this new 30 watt portable is an ideal unit for those requiring power plus portability. It employs the Lafayette model 271-T Amplifier described on page 56 and two 12" auditorium type speakers. The speakers are mounted on each half of the case which is also used to house the amplifier during transportation. The case is unusually sturdy yet light in weight. Covered with an attractive tan fabrikoid; corners are reinforced with brass finished metal corners. Connections between the various components are by means of plugs and sockets. As noted below a "Remotrol" model is also available.

Ideal For Orchestras and Bands

Provisions for operating two modern microphones or two electric guitars, violins or other sound sources, make this unit ideal for use by orchestras and bands. A built-in mixer and fader permits using both mikes or both instruments or one mike and one instrument as desired at the same time.

Ample Volume For Large Auditoriums

The two large 12" heavy duty speakers provide ample clear-toned volume to cover large audiences in theatres, banquet halls, etc. Each speaker employs one-half of the carrying case as a baffle and is equipped with 50 feet of rubber covered moisture-proof cable fitted with rubber covered plugs.

Choice Of Nationally Advertised Microphones

System is supplied with your choice of any one of six nationally advertised microphones as shown on page 56 and comes complete with the carrying case which measures 18" wide, 19½" high and 11" deep.

Model 330-P—30 watt portable system less tubes and mike but complete WITH speakers and case. Shpg. wt. 75 lbs. Code SJKL. List Price \$113.50.

Your Cost.....

\$56.75

Model 854-T—Same as above but complete with tubes, microphone (your choice of any mike listed on page 56) and all chrome floor stand (K13528). Shpg. wt. 95 lbs. Code RFGHK. List Price \$163.50.

Your Cost.....

\$81.75

Remotrol System

Fully described on page 56 this system is ideal for orchestra leaders, stage and production directors, etc. The control box is easily held in the hand and volume controlled from a distant point.

Remotrol Model 332-P—Employs model 272-T Amplifier, less tubes and mike but complete WITH speakers and case. Shpg. wt. 75 lbs. Code SGHK. List Price \$135.50

Your Cost.....

\$67.75

Remotrol Model 858-T—Same as above but complete with your choice of mike as listed on page 56 and floor stand (K13528.) wt. 80 lbs. Code RJKLM. List Price \$186.50. Your Cost.....

\$93.25

Carrying Case Only Available

Model K-22058—Carrying case only as used in Systems listed above. Inside Dim. 17¼" x 18¾" x 9¼". Shpg. wt. 25 lbs. Your Cost.....

\$9.65



THE *Finest* COMPLETE STUDIO-MODEL

- 30 Watts Rated—40 Watts Peak
- A.V.C. and A.V.E. Controls
- Cathode "Eye" Output Indicator

Where only the finest will do—in tonal reproduction—in appearance—in controllability—in fact in everything required of a public address system, this new Lafayette Model 336-P will be found to be the one system that leaves nothing to be desired. Features Galore:—Automatic Volume Control; Automatic Expansion Control; "Eye" Output Indicator with Graduated Control for checking output wattage; Beam Power Output Tubes; Reverse Feedback; 4 Input Channels; Maximum Gain 139 db; Hum Level—50 db; Electronic Mixer; Two Tone Controls; Infinite Baffle Speakers; Illuminated "Neo-Dials"; Plate Current Meter; etc.

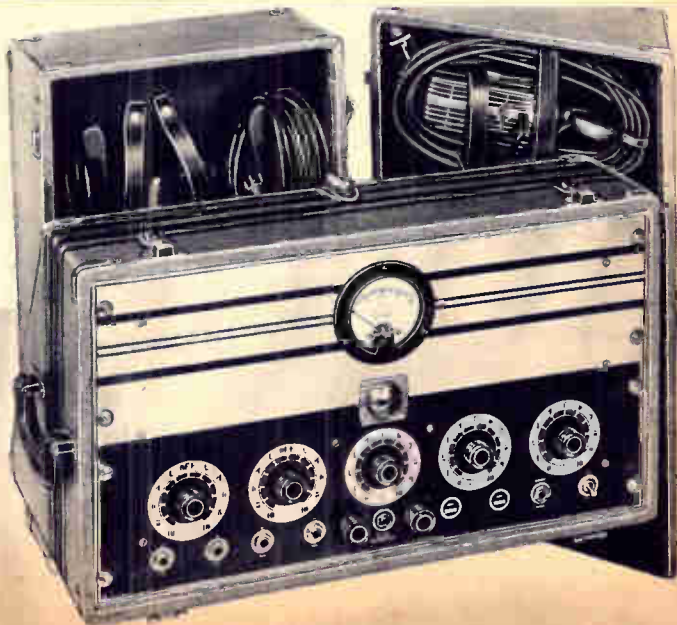
Modern Design — High Fidelity Speakers

Carefully engineered and perfected to the n'th degree this highly efficient system is housed in handsome sturdy cases covered with durable weather proof fabrikoid. The face of the amplifier is made of etched aluminum and all controls and input jacks are mounted on this panel.

Two Cinaudagraph type FY 12-12 speakers are included in the system. These speakers are mounted in highly polished walnut faced infinite baffles providing unusually fine tone. The two baffles fasten together and make up into one of the two carrying cases comprising the system, 50 feet of cable for each speaker is included.

Automatic Volume Control and Expansion

A.V.C. keeps the output volume level and prevents blasting and distortion. A.V.E. used when playing recordings makes up for the deficiencies encountered in recording high volume levels.



POWER *Streamlined* PORTABLES

DUAL CASE PORTABLE SYSTEMS 40 W. STANDARD-30 W.-6 CHANNEL

Dual Case 30 Watt 6 Channel System

Unquestionably the most amazing portable system ever offered by us or any manufacturer! Think of it! You can use from one to five microphones plus one additional input device (such as electric guitar, phono, etc.) a total of 6 input devices—all at the same time! Connections are provided in all for 7 input channels. For a complete description see page 57.

Entire System in Two Cases—Infinite Type Baffles

One case houses the amplifier complete with its metal cover. The other the two large 12" auditorium type speakers. The speaker case divides into two halves providing an inclined infinite type baffle for each speaker. Space is available in each speaker housing to carry the speaker cables and, in addition, a complete microphone and 3 section floor stand can be housed within the speaker case for ease in transportation. Size of Amplifier case is 10 $\frac{1}{2}$ "x12"x10 $\frac{1}{2}$ ". Speaker Case: 18 $\frac{3}{4}$ "x15"x13 $\frac{1}{2}$ ". Each speaker equipped with 50 ft. of cable.

Model 339-P—30 Watt 6 Channel Portable System as described, less tubes, mike and stand. All in two cases. Shpg. wt. 110 lbs. Code SJKLP. **\$83.25**
List Price \$166.50. Your Cost

Model 873-T—Same as above but complete with tubes, microphone (specify choice from page 57) and 3 section floor stand K13430 (extends from 17" to 66"). Shpg. wt. 129 lbs. Code RDEFM. List \$224.84. **\$112.42**
Your Cost

Dual Case 40 Watt Standard System

An ideal system for outdoor affairs such as auctions, garden parties, etc., is this Lafayette 40 watt System. It incorporates the standard Model 283-T 40 watt Lafayette Amplifier described on page 58. Two mike inputs and 2 phono inputs are provided, any two of which can be used at one time. Same speakers and cases for this system as used with the system listed above.

Individual Bass and Treble Controls

The amplifier used in this system, as well as the model described above, is equipped with individual bass and treble controls. Thus both high and low frequency response can be adjusted individually to suit both the sound input and the acoustics of the location. A mixer-fader system provides simple positive control of the four input sources. Two high gain channels for microphones may be used at the same time as may the two low gain channels for phono pickups or electric guitars. It is also possible to mix one of the high gain channels with one of the low gain channels as desired.

Model 340-P 40 Watt Standard Dual Case Portable System with 100 ft. of speaker cable as described, less tubes, microphones and stand. **\$74.50**
Wt. 110 lbs. Code RABCM. List Price \$149.00. Your Cost

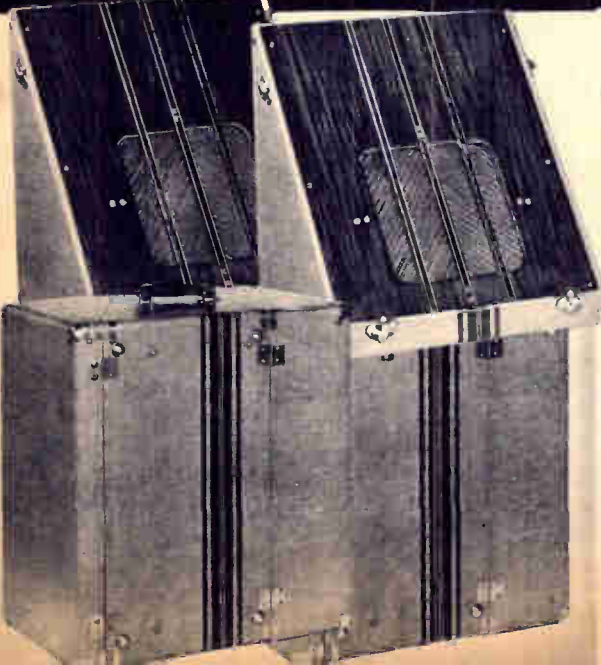
Model 839-T Same as above but including tubes, mike (choice of any one of the six listed on page 58) and floor stand (3 section type extends from 17" to 66"), K13430. Wt. 125 lbs. Code RJKLN. **\$99.95**
List Price \$199.90. Your Cost

Amplifier and Speaker Cases Available Separately

K21931—Amplifier Case only as described above \$ 6.20
K21932—Speaker Case only as described above 10.50



PORTABLE SYSTEM EVER OFFERED!



- Hand Polished Walnut Veneer Baffles
- Master Gain Control—Mixing and Fading
- Complete in Two Modern Type Cases

Eleven tubes are used including: 1-6L7, 2-6N7's, 3-6Q7's, 1-6H6, 1-6G5, 2-6L6G's and 1-83. Total power output is 30 watts normal, 40 watts peak. 4 input channels are provided—2 for microphones and 2 for phono, electric guitars, etc. Mixing and fading facilities are provided to mix both mike channels together, both phono channels together, or either mike channel with either phono channel.

Two Cases House Complete System

The complete system is very easily transported. Space is provided in the amplifier case for two compartments. One of these is for the speaker cables. The other is for a microphone and the special three section stand furnished with the system.

Complete Studio Portable System

Model 867-T—Lafayette Studio Model Portable 30 to 40 watt System complete with all tubes. Amplifier case size: 19"x20"x11 $\frac{1}{2}$ " deep. Speaker case size: 21"x18"x12" deep. Complete with choice of microphone (see page 58 and specify type desired) 3 section mike stand (K13646) 12 feet of mike cable, 100 feet of speaker cable and all instructions ready-to-operate. Shpg. wt. 140 lbs. Code RDEFN. List Price \$271.90. **\$135.75**
Your Cost

Model 336-P—Same as the above system but less tubes, microphone and stand. Shpg. wt. 120 lbs. Code REFGM. **\$108.75**
List Price \$217.50. Your Cost

Both of the above systems are for 105/125 volts 50/60 cycles a.c. For 220 volts 60 cycles add \$4.00, for 220 volts 25 cycles add \$10.95.

THEATRE SYSTEMS

40 TO 50 WATT

- The Finest Theatre Amplifier At Any Price
- For Theatres Seating up to 3,000
- 2 Photo Cell Inputs—Individual Controls
- Audio Equalizer—Beam-Power Tubes
- Compact Wall Mounting Cabinets

Lafayette now offers the "Facsimili-tone" amplifier which has proved to showmen everywhere that a fine theatre amplifier can be sold at unbelievably low prices. Capable of serving houses seating up to 3,000 with sound that is unexcelled for quality and volume, this amplifier provides a better sound-on-film system for the average theatre at a price that is but a fraction of the usual cost for a system of this quality.

Two Photo Cell Input Channels

Two photo cell inputs are provided for use with two projectors. Voltage to the cells is individually adjustable. For accurate measurement of the voltage applied to the cells a precision type high resistance voltmeter is mounted on the front panel; pilot light indicates cell in use. Individual gain and equalizer controls for fine adjustment are provided. Photocell connections are at opposite ends of the chassis, each adjacent to the projector it serves. All terminals are covered by metal boxes having BX knockouts at side and bottom.

Beam-Power Tubes—Audio Equalizer

Two 6L6 beam-power tubes in p.p. Class AB comprise the output stage. Full tube line-up: 2-6C6s, 1-75, 1-42, 2-6L6s, 83 and 82 bias rectifier. An exclusive Lafayette equalizer circuit, easily governed by means of a large full-grip knob on the front panel permits compensation for variation as great as 12½ db from normal resulting from acoustic conditions and from defects in printing and recording. Model 400-A—Lafayette 40-watt Theatre Amplifier, less tubes. Panel for standard rack mounting. For 110 volts, 50/60 cycles a.c. Size: 19"x8¾"x9¼". Shpg. wt. 73 lbs. Code ASTAN. List Price, \$138.50.

Your Cost
Model 400-T Same as above, but with tubes.

\$69.25

\$75.45

REMOTE OPERATED D.C. EXCITER. Will supply 10 volts at 7.5 or 5 amps. and 8 volts at 4 amps. d.c. to the exciter lamps. Current is supplied to either one or two sets of terminals so that exciter lamp of one projector can be connected to one set and other projector to the other set. Change-over from one projector can then be easily accomplished by swinging the current from one set to the other. This is accomplished through a built-in relay by means of a remote control station. Any desired number of stations can be connected to a single exciter. A rotary switch permits compensation for changes in line voltage.

Model 404-A—Lafayette D.C. exciter panel, less Tungar bulbs and remote control stations. Panel for standard rack mounting. Size: 19"x8¾"x9¼". For 95 to 135 volts, 50/60 cycles a.c. Shpg. wt. 73 lbs. Code ASTIS. List Price, \$123.00.

Your Cost
K-22257 Remote Control Station. 4½"x2¾"x2". Shpg. wt. 9 lbs. Your Cost. Each.

\$3.75

K-21903 6 ampere Tungar (G.E.) bulbs. Two required.

\$4.41

Your Cost. Each
K-22086—De luxe wall mounting cabinet for Models 400-T or 404-A. Doors on sides. Size: 20½"x10½"x10". Shpg. wt. 22 lbs.

\$9.75

Your Cost
A.C. EXCITER. Where extreme high fidelity results are not required this unit can be used to supply current to the exciter lamps. Furnishes 8.5 volts at 4 amps or 10 volts at 7.5 amps. Manual changeover switch and green and red pilot lights to indicate projector "on."

Model 403-A Lafayette A.C. Exciter Panel for standard rack mounting. Size: 19"x3½"x4". Shpg. wt. 13 lbs. Code, ASTER. List Price, \$22.50.

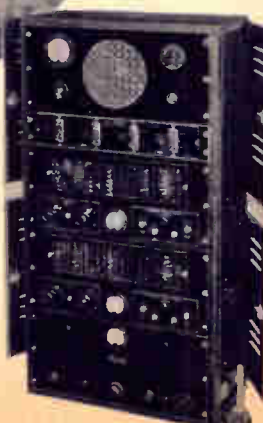
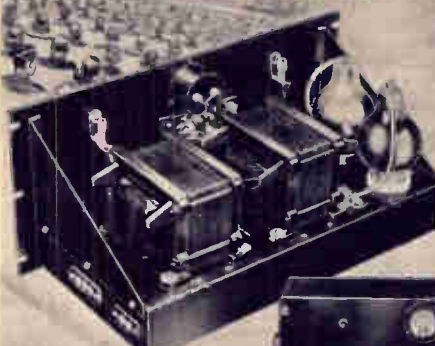
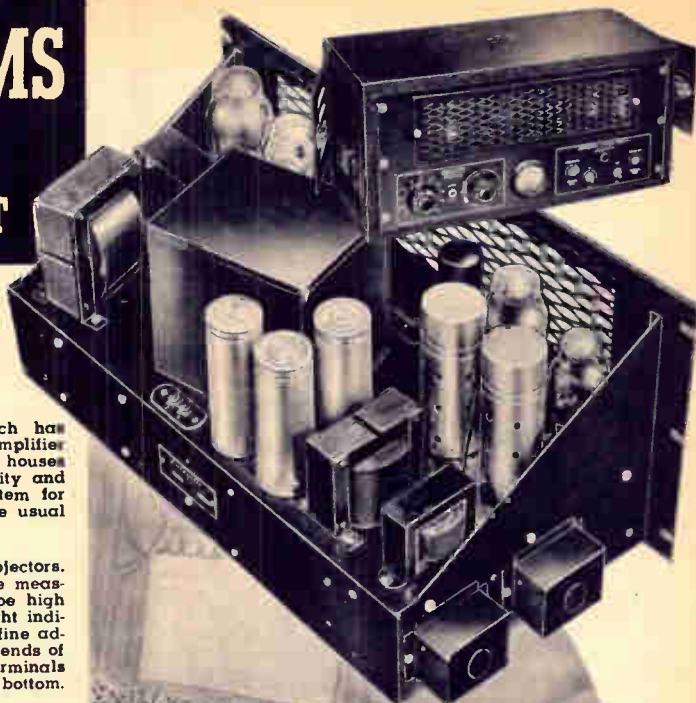
\$11.50

Your Cost
K-22082 De Luxe wall mounting cabinet for both Models 400-T and 403-A. Doors on sides, size: 20½"x10"x14". Shpg. wt. 30 lbs.

\$11.60

Your Cost
K-22083 De Luxe wall mounting cabinet suitable for both Models 400-A and 404-A. Doors on side. Size: 20½"x10"x29". Wt. 50 lbs.

Your Cost **\$13.75**



Illustrated from top to bottom are the Models 400-A 40 watt theatre amplifier shown in wall-mounting cabinet, and in rear view. Directly below are shown the D.C. Exciter Model 404-A, rear view and mounted in cabinet. The rack mounting unit is the A.C. Exciter Model 403-A. At right is shown a complete Facsimili-tone system, Model 705-P, including two 400-A amplifiers, a 404-A D.C. exciter, monitor panel and complete change-over panel.

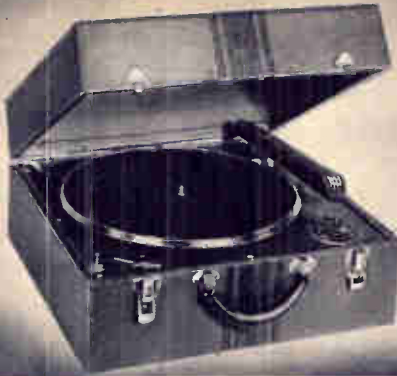
Write For Complete Details and Prices

A handsome booklet describing the various models of "Facsimili-tone" Sound Systems will be mailed upon request. In addition to the systems a complete line of Wide Range Sound Heads, Sound Screens, Lens Systems, Photo Cells, Exciter Lamps, Rectifier Bulbs, Hearing Aids, Speaker Cables and other theatre sound system accessories are listed in this extremely valuable booklet. Our sound engineers will be glad to lend their aid toward helping you resolve any theatre sound problems you may have.



Lafayette Record Player

Its walnut finished case harmonizes with all interiors. Employs a sturdy, trouble-free self-starting constant speed motor which insures faithful reproduction. The pickup is a full size lightweight high-impedance magnetic unit. Incorporates a volume control and line switch, in one unit. Easily connected to any radio receiver or PA amplifier, and will play any size 78 rpm. record. All visible mechanical parts finished in stately bronze. Furnished with cord and plug, and shielded cable. For 110 V. — 60 cycles AC only. 13 1/4 x 7 1/2". Shpg. wt. 12 lbs. **\$10.95**
K-22004—Your Cost
K-22007—Same as above but with Crystal Pick-up. Your Cost \$11.95



Lafayette Wide-Range Record Players De Luxe Crystal Pick-Up

Engineered for use in quality PA installations or with fine radio receivers, where hi-fidelity reproduction and rugged stable operation are requisite features. Heavy duty 78 rpm governor controlled motor with speed control; 12" turntable allows either 10" or 12" records to be played, without "wowing". A De Luxe High Fidelity Zephyr crystal pickup provides the finest results obtainable. Built-in volume control. Case covered with Spanish brown leatherette having contrasting deep brown stripes, brass snap locks and leather handle. With cord and plug and shielded pickup leads. For 110 V. — 60 cycles AC. Size: 15 1/2" x 14 1/2" x 7 1/2". Wt. 17 lbs.
K-22000—Your Cost \$17.40
K-21933 Carrying Case Only. Wt. 10 lbs. Each \$5.70
K-22001—Same as above, but with 2-speed motor (78 & 33 1/3). Your Cost \$22.50
K-22008—Transcription Model. Similar to above, but with special 2-speed (78 & 33 1/3 rpm) transcription motor and full 16" balanced turntable. Also, deluxe Astatic pickup with 12" arm. Dim: 23" x 17 1/4" x 7". Wt. 30 lbs. Your Cost \$48.25



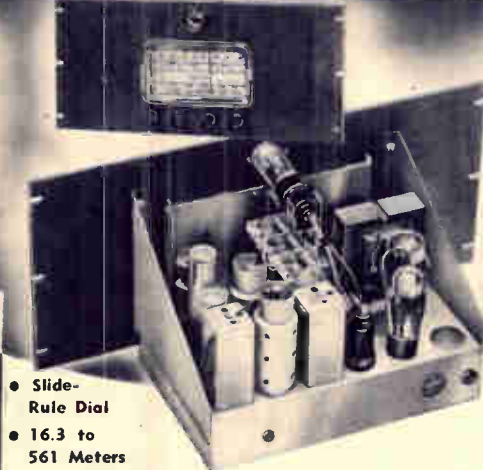
Lafayette "Crystal" Home Player

Attractive solid walnut case, hand rubbed finish. Employs a self-starting constant speed motor, 78 r.p.m. only, with a 10" turntable which will allow the playing of 10" or 12" records. May be played with the cover down, to eliminate needle noise. Makes use of the newest "Tangent" type crystal pickup which results in unusually faithful reproduction, plus a full floating arm and locking device. Includes volume control with power switch. For operation from 110 volts 60 cycles AC only. Supplied with line cord and plug, and shielded pickup leads. Dim.: 7 1/4" H. x 15" W. x 12 1/2" D. Shpg. wt. 19 lbs. **\$16.95**
K-22012—Your Cost



Single and Dual Speaker Cases

Single Speaker Case. Illustrated above, at right. Designed to house any dynamic speaker up to 12" in diameter. Case made of sturdy plywood, black leatherette covered. Speaker opening 10", covered by a grille cloth and protected by wire mesh. Has a leather carrying handle and metal bumpers, and an insert type door on back. Dimensions are: 14 x 14 1/4 x 9 1/4". Wt. 13 lbs.
K-22061—List \$7.50 \$3.15
Your Cost



- Slide-Rule Dial
- 16.3 to 561 Meters

Lafayette P. A. Tuners

High efficiency tuner for all ordinary P.A. work, offered at an unusually low price. Covers a range from 16.3 to 561 meters in three bands, as follows: 16.3 to 56.6; 60 to 176.5 and 191 to 561 meters. Uses six tubes in a sensitive superheterodyne circuit, namely: a 76, 6A7, 6D6, 6R7, 80 and 6U5 visual cathode-ray "eye" tube. Controls provided include: manual volume control, tone control, band switch and main tuning control. Incorporates every necessary circuit feature, such as: powerful automatic volume control action, tone control, dual output impedances—500 and 25,000 ohms. Has large slide-rule type tuning dial with large accurately calibrated indications to make tuning easy. Neat and sturdy construction, —designed to operate efficiently over long periods and to produce a hi-quality output more than sufficient to drive present-day conventional amplifiers. For operation from 105-120 volts, 50-60 cycles A.C. only.

Model 1024-TP—Lafayette 6-tube Standard P.A. Tuner, complete with tubes and panel for standard 19" rack. Size: 19"x8 3/4"x7 3/4". Shpg. wt. 30 lbs. \$29.95
Code SEFGH. List \$59.90. Your Cost

Model 1025-TP—Same as above, but less panel. For cabinet mounting. With tubes. Shpg. wt. 21 lbs. \$26.95
Code SFGHI. List \$53.90. Your Cost

See our Catalogue No. 71 for listing of Special High-Fidelity Model Tuners.



Modern Streamlined Dual Speaker Case

This is an exceptionally finely constructed and appealing two-speaker carrying case. The price is unusually low for a unit of its calibre. Will house two speakers having diameters up to 12", and afford excellent reproduction due to efficient design of baffles. Made of extra heavy plywood, with overall covering of Spanish brown leatherette having contrasting stripes of deep brown. Inclined baffles have speaker openings 10" in diameter, with steel grills to give complete speaker protection. Openings in top of baffle boards permit carrying speaker cables. Construction is such that the speakers are arranged to give perfect balance, thus making it easy to transport. Leather bumpers provided on all corners. Equipped with brass hardware and sturdy leather carrying handle. Case opens into two equal halves; brass snap locks hold the two units together firmly to make a solid portable case. Size, when closed: 27 1/4 x 12 x 13 1/2". Shpg. wt. 20 lbs.
K-22067—List \$15.90. \$7.95
Your Cost, Special

Dual Speaker Case
 Illustrated above, at left. Houses two speakers having diameters up to 12", —in a manner that conserves space and lends itself to compactness and portability. Case opens into two halves, as shown, each serving as an efficient baffle for its respective speaker. Made of plywood and covered with black leatherette. Has leather carrying handle and metal bumpers top and bottom, plus four nickel plated snap locks. Speaker openings in each side covered with grille cloth and wire mesh. Dimensions (closed): 9" x 14 1/4" x 22 1/4". Shpg. wt. 13 lbs.
K-22062—List \$12.50 \$4.95
Your Cost

NEW Lafayette INTER-COMMUNICATORS



- Modern Compact Design
- Takes No More Space Than An Ordinary Desk Clock or Card File
- Walnut Cabinet Blends With Other Furnishings



- Complete Operating Facilities. Any Remote Station Can Call Master
- Remote Can Have Privacy or Turn Complete Control Over to Master Station



This new Lafayette Inter-Communicating System features economical operation, simplicity of installation and a wide range of operating facilities. It affords the most efficient and speedy method of holding direct two-way amplified communication between two persons or departments. The system works equally well on 110 volts a.c. or d.c., and can be installed easily and quickly by anyone - no mechanical or electrical ability is necessary. Merely connect the cables, plug into the nearest light socket, and the system is ready to operate.

A system can be made up of one master station and one remote station, and additional remote stations can be added at any later date. Up to 5 remote stations can be used.

Ample Volume For Distant Pick-Up

The master station includes a high power amplifier that makes use of the latest type "beam power" tube to insure ample power. Remote stations can be placed at any distance from the master station without affecting volume or quality. Tubes used in the circuit include: 1 6C8G cascade amplifier, 1-25L6 "beam power" output tube and 1-25Z6 rectifier. Excellent filtering insures hum-free reproduction. External electrical devices will not cause noise in the reproducers.

Both master and remote stations utilize high quality permanent magnet type reproducers that employ the latest type magnets.

Handsome Walnut Cabinets

Master and remote stations are housed in attractive walnut cabinets that will go compact, measuring only 7"x3 $\frac{3}{4}$ "x7". They can be placed on any desk where most convenient.



Easy To Operate

The master station incorporates three controls: a selector switch, a combined volume control and "on-off" switch, and a "push-to-talk" switch. Master station can talk to any one remote station by depressing the talk switch; when released, the talk switch automatically returns to the listen position.

The remote station has one control, a three position switch. In position one, the remote can receive calls from the master station and can answer the master without any other adjustments. In position two (normal), the remote station can receive calls from the master, but neither master nor any other remote can listen in. In position three, the remote station can answer the master or call the master. Thus, by keeping the switch in position two, the remote station can maintain complete privacy.

Easy To Install

Each remote station is connected to the master station by means of a three wire cable. Terminals on the rear of each unit make it unnecessary to disassemble the units to complete wiring. Complete instructions are furnished.

Model 395-T. Consists of one Master station complete with tubes, one remote control station and full instructions. Less cables. For 110 volts a.c. or d.c. Shpg. wt. 12 lbs. Code, RABCL.

Your Cost. **\$19.95**

Model 394-P. Remote Station only. Up to 5 can be used. Shpg. wt. 4 lbs. Code, RABCL.

Your Cost. **\$4.95**

Special 3-wire cable for above. K-20896—

Your Cost, per 100 feet. **\$2.15**

STREAMLINED "Multiple Master" MODEL



- First System Using Push-Button Selection
- First System Employing Independent Units That Can Be Grouped In Any Arrangement
- First Multiple Master System With Station To Station Wiring. No Junction Boxes Necessary
- Up To 3 Private Conversations at One Time
- Housed In Beautiful Ivory and Black Plastic Case
- Any Number of Stations Up To Seven Can Be Used
- More Than Ample Volume, Excellent Tone Quality
- Economical Operation and Installation

Lafayette engineers designed this new Multiple-Master system to meet every requirement for efficient two-way communication. Each individual station is a complete unit, embodying its own high power amplifier and all controls. Any number up to seven can be grouped to form a complete office network. Executives and department heads will find it invaluable because it prevents clogging of telephone lines, permits private conversations and saves much time.

Push-Button Selection

Each unit has on its front panel a row of six buttons that select any one of the remote stations. Each button has a space above it on which the name of the remote station individual can be marked in ink-markings can be washed off and changed at any time.

Complete Control Facilities

Three controls, all plainly marked, govern all operations (except station selecting, which you insert). These include: "on-off" switch, volume control and "push-to-talk" switch.

Operates On A.C. or D.C.

The stations operate equally well on a.c. (60 cycles) or d.c., 110 volts.

High Power, Excellent Tone

Each station incorporates a power amplifier using one 6C8G cascade amplifier, 1-25L6 "beam power" tube that insures ample volume with minimum distortion, 1-25Z6 rectifier and 1-L-69B ballast. High quality permanent magnet reproducers provide excellent reproduction with natural, clear tone quality.

In any system, two stations can converse privately, without interference. It is impossible to be overheard.

Stations are housed in beautiful plastic cases in Ebony and Ivory blend. Size: 8 $\frac{3}{8}$ "x6 $\frac{1}{2}$ "x5 $\frac{1}{2}$ ".

Model 396-T. Multiple-Master Station, complete with tubes and instructions. Up to 7 can be used. Wt. 15 lbs. Code, RGIII.

Your Cost. Each. **\$21.50**

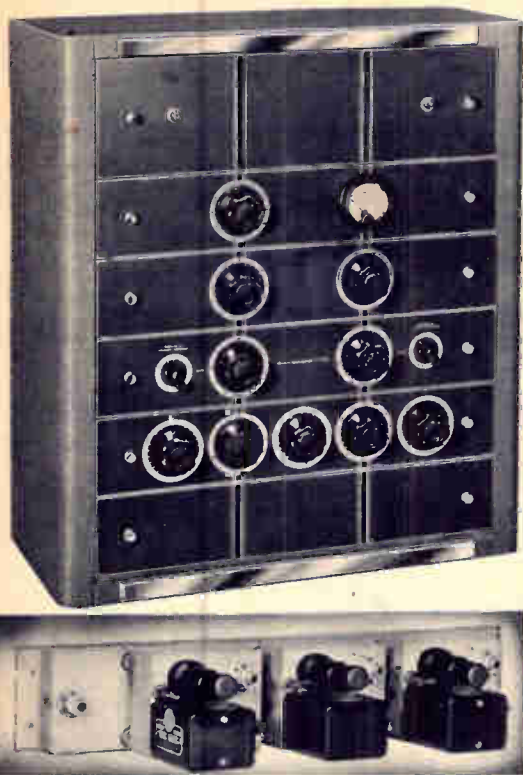
Connecting Cables

Use 3-wire cable for 2-station systems, 4-wire cable for 3-station systems, etc.

No.	Wires	Per Ft.	100 Ft.
K16089	3	2c	\$1.95
K16090	4	2 $\frac{1}{2}$ c	2.45
K16091	5	3 $\frac{1}{2}$ c	3.10
K16092	6	4c	3.50
K16093	7	5c	3.95
K16094	8	5 $\frac{1}{2}$ c	4.95



New! Professional Amplifying Equipment



← A

← D

← B

← C

← E

← F

← F

● Units Available Individually

(A) Hum-Free Power Supplies—Available in two sizes: Deluxe and Standard. De Luxe Model incorporates a special power transformer housed in a cast iron shielded case, a three section or three pi filter choke circuit and a total of 72 mfd. of capacity. Resultant output has an amazingly low ripple content. Input for 110-125 volts, 50/60 cycles a.c. Output: 360 volts d.c. at 160 ma. maximum; 6 volts a.c. at 4 amps., and 6 volts at 6 amps. Employs 5X4G rectifier tube. Will supply power to one 10 watt amplifier, 12 individual pre-amplifier, and two mixer panels (10 channels) OR to one 10 watt amplifier, four mixer panels and six individual pre-amplifiers. Has pilot light, "on-off" switch and fuse. Chassis 5 $\frac{7}{8}$ "x19"x7 $\frac{1}{2}$ " on 5 $\frac{1}{4}$ "x19" rack panel. Wt. 25 lbs. **\$28.25**

Model 195-T—List \$56.50. Your Cost, With tube. **\$28.25**
Standard Model—is similar to the above but employs 024 rectifier tube and furnishes 6 volts at 4 amps. and 300 volts at 65 ma. Sufficient for two mixers and twelve individual pre-amplifiers or one mixer and six pre-amplifiers. Has 32 mfd. of capacity in filter circuit. Chassis 3 $\frac{3}{8}$ "x19"x8 $\frac{1}{4}$ ". On 3 $\frac{1}{2}$ "x19" panel. **\$17.50**

(B) 10 Watt High Fidelity Power Stage—Designed primarily for recording purposes. Extremely low harmonic content and hum pickup. Special triple magnetic shielded transformers. Power output 10 watts normal—15 watts peak. Harmonic content at 10 watts only 2.5%. Hum level —31 db. below zero level, —63 db. from 10 watts. Output impedances: 1.2, 2.5, 5, 7.5, 10, 15, 20, 30, 50, 125, 200, 250, 333, and 500 ohms balanced line. Input impedances: 50, 125, 250, 333 and 500 ohms balanced line. Maximum input level 0 db. Circuit employs—1-6J7, 1-6C5 and 2-6A3's (low impedance triodes for non-critical matching). Two controls are provided—a master gain control and a special three position output switch. In first position (normal) the output is connected to a speaker, and to the monitor panel; in second position—speaker, monitor and 78 r.p.m. cutting head are connected; in third position which is for 33 1/3 r.p.m. the monitor speaker, cutting head and a fixed low frequency attenuator to prevent overcutting at the slower speed are connected. Five shielded plugs furnished. Chassis size: 3 $\frac{3}{8}$ "x19"x8 $\frac{1}{4}$ " mounted on 3 $\frac{1}{2}$ "x19" panel. Shpg. wt. 32 lbs. **\$55.70**

(C) Full Range Equalizer—Combined low and high frequency equalizer. Each range has its individual tap switch frequency range selector and degree of equalization control. Low frequency selector has taps at 25, 50 and 100 cycles; high frequency selector at 4000, 6000, 8000 and 10,000 cycles. Each range incorporates specially designed filter coils that are triple magnetic shielded insuring minimum hum pickup. Input and output impedance 500 ohms. Minimum insertion loss 2 db; maximum (with controls full on) 53 db. Maximum equalization at 25, 50 or 100 cycles is 28 db; at 4000, 6000, 8000 or 10,000 cycles is 25 db. Chassis 3 $\frac{3}{8}$ "x19"x8 $\frac{1}{4}$ " mounted on 3 $\frac{1}{2}$ "x19" panel. Shpg. wt. 25 lbs. **\$85.00**

Model 188-P—List \$170.00. Your Cost

WORLD'S FINEST EQUIPMENT FOR RECORDING, BROADCASTING, Etc.

- Complete Facilities For Any Sound Need
- Highest Fidelity Transformers Throughout
- Beautiful Gray Duo-Tone With Red Trim

No time or effort was spared to make this the world's finest amplifying equipment. Months of research were spent to make it "right" technically and then the completed engineering data was turned over to our special "design" engineer. The result is without question the most beautiful instrument you have ever laid eyes upon.

This equipment was especially designed for professional use in recording studios, theatres, broadcast studios, etc., where only the best in both workmanship and performance is good enough. It is unusually flexible in that each major function has been made up as a separate unit.

Mixing—This function has been incorporated into a single panel of five channels. One or more of these panels may be used as desired. Actual mixing accomplished electronically.

Pre-Amplification—Individual pre-amplification stages are available. Three of these can be mounted on a single panel.

Equalization—A single unit controls both high and low frequency equalization with an individual control for each.

Power Amplification—A specially designed high fidelity power stage is available. An excellent unit for recording purposes. Conservatively rated at 10 watts.

Power Supply—Both standard and de-luxe model power supplies, unusually well filtered, are available for furnishing current to all amplifying and mixing stages.

Monitoring—A monitoring Panel is equipped with a meter and control providing an actual visual check on output values as high as +45 db. (From .02 to 190 watts).

A specially designed steel case to house these units is available in two sizes. The completed units are extremely attractive. Case and panels are finished in two tones of gray with red trim.

Model 192-P—Case only, with 26 $\frac{1}{4}$ " Panel Space, 28"x20 $\frac{1}{2}$ "x13 $\frac{1}{2}$ ". Shpg. wt. 47 lbs. Your Cost **\$14.25**

Model 193-P—Case only, with 10 $\frac{1}{2}$ " Panel Space, 12 $\frac{1}{4}$ "x20 $\frac{1}{2}$ "x13 $\frac{1}{2}$ ". Wt. 25 lbs. Your Cost **\$9.95**

Blank Panels for fill-in purposes available.

● Make Up Your Own Combination

(D) Monitor Panel with db Meter—Provides complete visual control of output. Incorporates 2" db meter with high return damping so that more accurate peak values can be read. Input to monitor for 500 ohm line. Meter calibrated from —10 to +6 db. and the nine position tap switch controlled from the panel permits readings up to +45 db. Switch calibrated in 3 db. steps. Minimum bridging impedance 25,000 ohms. Chassis 3 $\frac{3}{8}$ "x19"x3" mounted on panel 3 $\frac{1}{2}$ "x19". Shpg. wt. 10 lbs. **\$41.95**

Model 146-P—List \$83.90. Your Cost

(E) 5 Channel High Fidelity Mixer—Specially designed unit that affords greater attenuation with smoother control of action—no steps of any kind. Far superior to "T" or "H" pad mixers. Wide range of input impedances permits use with various high level devices such as close talking crystal mikes, transcription pickups, etc., and a special network in the output circuit eliminates any volume range compression or linear distortion. Five channels each have an input impedance of 500,000 ohms. Output impedances available are 50, 125, 250, 333 and 500 ohms. Balanced line output operates directly into Nemo (remote control) line. Maximum output level 0 db; maximum input 100 volts; gain 37 db each channel; frequency response: ± 8 db from 40 to 10,000 c.p.s. Tubes used: 6-6J7's. Power requirements: 6 volts at 1.8 amps.; 180-350 volts at 15 ma. Chassis 3 $\frac{3}{8}$ "x19"x6 $\frac{1}{4}$ " mounted on rack panel 3 $\frac{1}{2}$ "x19". Shielded plugs for input and output supplied. Model 182-T—5 Channel Mixer. With tubes. **\$35.70**

List \$71.40. Shpg. wt. 20 lbs. Your Cost

(F) Wide Range Pre-Amplifiers—Compact high-fidelity units capable of extremely faithful reproduction of all frequencies in the audible range. Both LOW IMPEDANCE and HIGH IMPEDANCE models are available. A 6J7 tube is employed in an exclusive circuit designed by Lafayette engineers which provides an overall gain of 35 db. Frequency response: Low Impedance model $\pm 1/2$ db from 50 to 10,000 c.p.s.; High Impedance model $\pm 1/2$ db from 30 to 15,000 c.p.s. Maximum input level both models: —45 db.; maximum output 50 volts. Input Impedances: low impedance model 50, 125, 250, 333, 500 ohms; high impedance model 15 megohms. Low impedance model employs a new triple magnetic shielded input transformer. High impedance model feeds direct to grid. Power requirements both models: 6 volts a.c. or d.c. at 3 amps., and 180-350 volts d.c. at 3 ma. Chassis mounts on four rubber cushions and measures 3 $\frac{3}{8}$ "x4 $\frac{3}{4}$ "x4" (3 can be mounted on a single rack panel as shown above). Amphenol locking type shielded type connector plug furnished with each unit.

Model 168-TL—Low Impedance Model with tube. List \$37.00. Shpg. wt. 8 lbs. **\$18.50**

Your Cost

Model 168-TH—High Impedance Model with tube. List \$15.00. Shpg. wt. 4 lbs. Your Cost **\$7.50**

Rack Panel and Chassis—Accommodates up to 3 pre-amplifiers. Has chassis with shielded plug for input connections. Panel 3 $\frac{1}{2}$ "x19", with chassis 3 $\frac{3}{8}$ "x19"x1". Panel is removable (two knurled screws) exposing all wiring. Shpg. wt. 5 lbs. **\$9.35**

Model 167-P—List \$19.50. Your Cost

RECORDERS and PHONO EQUIPMENT

GREEN FLYER Motors



Considered the finest motors available. Incorporate silent laminated spiral cut Bakelite gears, completely enclosed and run in oil. Oversized, self-lubricated bearings; will not overheat in closed cabinet. With speed dial, hardware and speed indicator.

For 110 Volts, 60 Cycles A.C.

- K102** Single Speed (78 r.p.m.). With 10" turntable. Shpg. wt. 15 lbs. **\$7.65**
Your Cost
 As above, with 12" turntable. **\$7.95**
K103 Your Cost
K100 Two-Speed (78 and 33 r.p.m.). With 10" turntable. Shpg. wt. 15 lbs. **\$10.20**
Your Cost Each
 As above, with 12" turntable. **\$10.50**
K188 Your Cost Each

Universal 110 Volt A.C.-D.C. Motor

- With 12" turntable and changeover switch. For 78 r.p.m. records. Shpg. wt. 11 lbs.
K126 Your Cost **\$11.85**
 Similar to above, but for 78 and 33 r.p.m. recordings. **\$13.50**
K125 Your Cost Each

Heavy Duty Dual Speed Motor

- Similar to Model K100 above, but with larger field and rotor (1/2" longer). With 12" turntable. For 105/120 volts, 60 cycles a.c. Shpg. wt. 15 lbs.
K120 Your Cost Each **\$11.40**
 Automatic Stop for any of the above motors.
K135 Your Cost Each **90¢**

New Dual Field Recording Motor

- Special heavy duty model for studio type recordings. Double motor, both fields of the constant speed type, governor controlled. Two-speed, 78 and 33 r.p.m. Supplied with special weighted 12" turntable, speed change lever, escutcheon plate and hardware. For 110 volts, 60 cycles a.c. only. Shpg. wt. 18 lbs.
K224 Your Cost Each **\$20.10**

Special Transcription Motor With 16" Turntable



Designed for 16" transcriptions, commercial program records, etc. Heavy duty motor. Lightweight.

- Lightweight alloy 16" turntable, individually machined for its motor and counter-balanced accurately. Self-lubricated bearings; gears run in oil. Speed-shift lever for use with 33 and 78 r.p.m. records. For 110 volts, 60 cycles a.c. only. Shpg. wt. 18 lbs.
K22010 Your Cost **\$24.95**

SOUND TRUCK 6-VOLT MOTOR

- For use where power source is limited to 6-volts, as in sound trucks. Complete with 12" turntable. For both 78 and 33 r.p.m. recordings. Heavy duty type. Shpg. wt. 15 lbs.
K127 Your Cost Each **\$14.70**

Professional Type Diamond Cutting Needle



Designed for recording on aluminum record blanks. Has a genuine diamond point that will last a lifetime. Used extensively in broadcast studios and recording studios. Only a limited quantity available at the unusually low price quoted.
K132 Your Cost Each, Special **\$1.75**

PRESTO "Junior" Recorder



Consists of a 12" recording turntable, a recording mechanism that cuts the groove in the record as it records the sound, a play-back pick-up, a five-tube amplifier having ample power for home use, a loud-speaker and a microphone and desk stand. For recordings on cellulose coated discs only, at 78 r.p.m. Operates on 110 volts a.c. (60 cycles) and is easy to set up and use. Mounted in leatherette carrying case 20x15x10". Volume indicating meter on panel. Ideal for schools, clubs, in the home, etc. Shpg. wt. 40 lbs. Shipping charges prepaid.

- K22504** "Jr." Recorder. **\$149.00**
Your Cost, Complete
 Same as above, but without amplifier, mike, speaker and meter. Walnut case. Recording and Playback only. Shpg. wt. 22 lbs.
K22505 Your Cost **\$98.50**

ALLIED "Professional" Recorder



A deluxe portable outfit combining recorder and playback facilities. Recorder cuts either acetate or aluminum blanks up to 16" diam., at 78 or 33 1/2 r.p.m. Incorporates a powerful G.E. synchronous 1/20 H.P. motor of the self-starting type. Cast aluminum turntable machined from one piece of metal and held to close tolerance. Turntable is rim driven. A wide range crystal playback pick-up, impedance 100,000 ohms, is used. Overhead feed mechanism pivoted in universal bearing. Lead screw is worm gear housed. In leatherette portable case with chrome plated hardware and compartment for tools, etc., 21x21x13". Shpg. wt. 80 lbs.
K22500—Professional Recorder in case. With playback pick-up but less cutting head. Specify lead-screw desired (96, 112 or 120 line feed outside-in or inside-out). For 110 volts, 50/60 cycles a.c. **\$210.00**
Your Cost

Cutting Heads for Above

- Made by Audak. Any impedance up to 500 ohms. Specify impedance desired when ordering.
- | No. | Type | Fidelity | List | Each |
|--------|------|----------|---------|---------|
| K22501 | 4A | Medium | \$32.50 | \$19.50 |
| K22502 | 7B | Wide | 75.00 | 45.00 |
| K22503 | 10A | High* | 114.00 | 68.40 |
- * Range up to 8000 c.p.s. finest made.

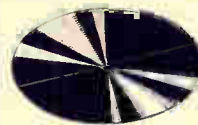
PACKARD Automatic Record Changer Model K



Uses powerful two-speed a.c. motor. Plays eight 10" records automatically, repeating or rejecting any record at will. Last record repeats until switch is turned off. Plays 12" records manually. Dual-speed, 78 to 33 1/2 r.p.m. Uses Piezo high impedance crystal pick-up. Has volume control and on-off switch. Entire chassis of copper plated steel; exposed parts finished in bronze. Requires space 17 1/2 x 13 1/2 x 5 1/2". Wt. 30 lbs.

- K19820**—Changer, less case. **\$29.40**
 List \$49.00. **Your Cost**
 As above, but with universal a.c.-d.c. 110vot motor. List \$57.00. **\$34.20**
K21050—Your Cost
 As above, but with single speed (78 r.p.m.) 110 v. 50/60 cycles a.c. motor. List \$46.00.
K19821—Your Cost **\$27.60**
 Portable carrying case only. **\$4.40**
K17766—Your Cost
Model L 2-Speed Record Changer: Same as Model K, but plays both 10" and 12" records automatically. Less cases. List \$53.75.
K17754 110 v., 60 cycles a.c. **\$32.25**
Your Cost
 As above, but with single speed (78 r.p.m.) 110 v. 50/60 cycles a.c. motor. List \$50.75.
K17755—Your Cost **\$30.45**
K17764 6 volts d.c. Two-speed **\$37.65**
K21053 Universal a.c.-d.c. (110 v.). Two-speed. **\$37.05**
Your Cost
 Portable case for Model L. **\$4.75**
K17767 Your Cost

Special Acetate Coated Aluminum Record Blanks



Have no gritty surfaces, thus eliminating scratches. Cut like celluloid blanks but give superior results to aluminum or celluloid type. Not supplied pre-grooved.

No.	Size	Each	No.	Size	Each
K349	8"	\$0.45	K352	12"	\$0.72
K351	10"	.58	K353	16"	1.35

Aluminum Record Blanks

Plain or Pre-Grooved. These blanks are standard for recording in many fields, and are capable of extra-wide frequency response with little scratch.

Plain Blanks			Pre-Grooved Blanks		
No.	Size	Each	No.	Size	Each
K200	6"	15c	K204	6"	16c
K201	8"	20c	K205	8"	23c
K202	10"	29c	K206	10"	39c
K203	12"	42c	K207	12"	55c
K199	16"	69c			

RANGERTONE Stellite Recording Needle



A particularly fine recording needle made of Stellite, an extremely hard metal. Points are ground with diamond dust to a very particular angle which gives a quiet cut and much more faithful reproduction than the usual needle. For acetate blanks.

- K337** Your Cost Each **\$1.00**

Professional Type

Diamond Cutting Needle

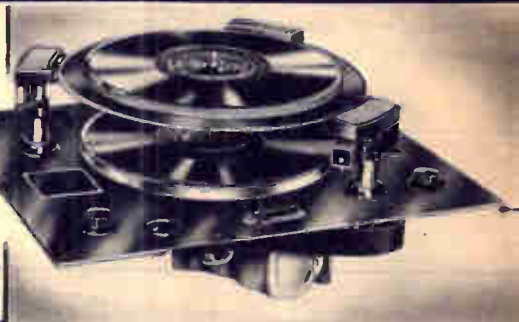
Sapphire Needles

- (A) For recording on celluloid and acetate record blanks. **\$3.45**
K196 Your Cost Each
 (A) For recording on aluminum. **\$2.25**
K192 Your Cost Each
 (B) For recording on pre-grooved composition and celluloid. **\$2.25**
K194 Your Cost Each
 (B) For reproducing records. **\$1.75**
K195 Your Cost Each

Steel Needles for Recording

- K341** (A) For aluminum. Standard type. **4¢**
K342 (B) For acetate. Flat shank. **5 For 69¢**
K344 (C) For Acetate. Round shank. Low scratch level. **5 For 69¢**

NEW *Automatic* RECORD CHANGERS



Model RC-8 Automatic Record Changer

An exceptionally sturdy unit that is foot-proof and simple in operation. Incorporates the following features: **PLAYS 10" and 12" RECORDS**, either eight 10" or eight 12" records of any standard type; **SWIVEL CRYSTAL PICK-UP** provides "in the studio" fidelity, and you need only twist the head to load the needle from the top; **TANGENT TONE ARM** insures correct needle angle and minimizes record wear; **AUTOMATIC STOP SWITCH** cuts off electric current as soon as last record has been played; **AUTOMATIC REJECTION** of any record at will, just twist the "reject" knob; **POWERFUL, SILENT MOTOR** requires no attention and will give long, trouble-free service. Dimensions: 16" long, 14" wide, 4 3/4" above and 4 3/4" below panel. Staturary bronze finish. Needle cups on the panel. For 110 V., 50/60 cyc. a.c.

K21016—Shpg. wt. 30 lbs.

\$44.10

Your Cost

Model RC-6: Same as above, but operates on 100/130, 200/250 volts, 50/60 cycles a.c.

K21036—Your Cost

\$44.70

Model RC-5: Same as RC-6, but operates on A.C. or D.C.

K21035—Your Cost

\$50.98

Model RC-1A Automatic Mixer-Changer

The most efficient, most versatile record changer ever devised. Incorporates all the features of the model RC-8 listed at the left, and in addition it **MIXES RECORDS**. The model RC-1A will play 10" and 12" records of any make and in any order, up to eight in number. This means that you can listen to complete symphonies without interruptions—without the necessity for getting up to change the record. Like the RC-8, the RC-1A includes automatic stop, automatic rejection, tangent arm crystal pick-up, etc. Size: 17 1/2" long, 14 3/4" wide, 5 5/8" below panel and 4 1/4" above panel. Operates on 100/130, 200/250 volts, 50/60 cycles a.c. Wt. 36 lbs. K21038—Your Cost **\$59.95**

Model RC-2A: Same as above, but for both A.C. and D.C. K21034—Your Cost **\$66.16**

PORTABLE CARRYING CASES

For models RC-8, RC-6, RC-5, RC-1A and RC-2A. Finished in Spanish brown leatherette with contrasting brown stripes. Brass snap locks and corner protectors. Leather carrying handle.

No.	For Models	Dimensions	Wt.	Each
K21037	RC-8, RC-6, RC-5	17x15x11"	13 lbs.	\$6.75
K21039	RC-1A, RC-2A	18 1/2 x 16 x 11"	14 lbs.	7.25

• TANGENT ARM The Garrard *De Luxe* Crystal Pick-up • SWIVEL HEAD

This Garrard Crystal Pick-Up incorporates every modern improvement, and is especially well suited for use by those who desire to construct high-fidelity record players. It utilizes a genuine Piezo crystal cartridge to insure exceptionally wide frequency response. Every note, from deepest bass to highest treble can be reproduced by this unit.

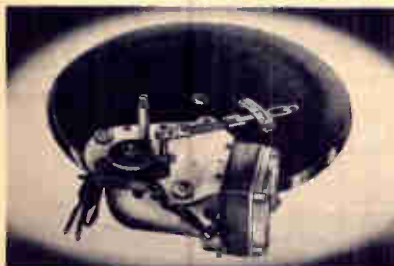
The TRUE-TANGENT ARM insures the needle remaining perfectly parallel to the groove of the record from beginning to end. Only in this position is the listener assured faithful reproduction and minimum record wear. The entire unit is bronze, hand rubbed and furnished complete with mounting rest, base supports and shielded lead.



One of the outstanding features of this pick-up, is the unique swivel head. As shown in the illustration at the left, the user need only twist the head and load the needle from the top. No need for groping for a needle hole you can't see—you load the needle from the top in an instant. The arm is mounted on a ball-bearing pivot that is free from friction and therefore results in minimum wear on the record. The crystal unit is high-impedance, and connects directly to the input grid of the amplifier without the need for any matching transformer. List \$10.00.

K13382—Your Cost

\$5.88



Standard Motor

Precision built, fully enclosed motor absolutely free of "wow". Patented Garrard governor. Speed regulation from 60 to 90 r.p.m. Same motor as used in Garrard Record Changers and Players. Complete with 12" turntable. Shpg. wt. 9 lbs.

K21028 For 100/130 v. 50/60 cycles a.c. only.

\$7.16

Your Cost

K21029—For 100/130, 200/250 v. 50/60 cycles a.c.

\$7.65

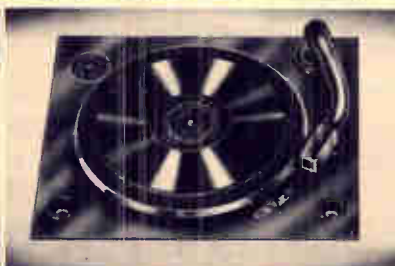
Your Cost

K21030—Same as K21029 but A.C.-D.C.

\$13.53

Your Cost

K21031—Automatic stop only 88c



SINGLE RECORD PHONO ASSEMBLIES

These units are identical with the models RC-8, RC-6 and RC-5 assemblies listed above, but are not automatic. Furnished with 12" turntable, they will play any 10" or 12" records, singly. Two types available: one has a square bronze mounting plate with needle cups, the other is completely assembled on a mounting base but has no mounting plate. Either type can be used to convert any radio to an efficient radio-phonograph combination. Model AC-8A: Complete assembly with 14x16" metal plate. For 110/130 volts, 50/60 cycles a.c. Wt. 2 1/2 lbs.

K21017—Your Cost

\$18.09

K21018—Model AC-8B. As above, less plate. Your Cost

\$16.47

Model AC-6A: Same as AC-8A, but for 110/130, 200/250 volts, 50/60 cycles a.c.

K21032—Your Cost

\$18.67

K21020—Model AC-6B. As above, less plate. Your Cost

\$17.06

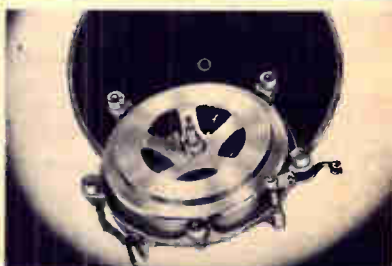
Model U-5A: Same as AC-6A but for A.C. or D.C.

K21033—Your Cost

\$24.11

K21021—Model U5-B: As above, less plate. Your Cost

\$22.05



Transcription Motor

Because of its extra heavy construction this powerful motor is unusually smooth and silent in operation. One shot lubrication from the top makes it a simple matter to keep this motor in perfect running order. Its truly excellent performance has caused it to be adopted officially by the British Broadcasting Co. Furnished complete with 12" turntable and speed regulator. Shipping weight 15 lbs.

K21019—For 100/130 and 200/250 volts, 40/60 cycles a.c.

Your Cost **\$17.05**

PHONO PICK-UPS and ACCESSORIES

NEW! SHURE "Economy" Crystal Pick-Up



A compact crystal pick-up that mounts in minimum space. Has Shure "Needle-Tilt" balanced tracking. Triple moisture-sealed Grafoil Bimorph crystal. Full range frequency response. Only 2 3/4 oz. needle pressure. Floating rubber-cushioned pivot-bearing assembly for single-hole motorboard mounting. Smooth brown finish. 7 1/2" long.

K13383 Xtal Pick-up, with 20" shielded cord, arm **\$3.82**
K13393 Replacement Crystal Cartridge for above **\$3.23**

SHURE ZEPHYR PICK-UP

A new, balanced-tracking crystal reproducer. 50 to 7,000 cycles, ±5 db. Needle fits in cone grip needle chuck at a tilt to match record grooves. Shock proof; double moisture sealed; double ball-bearings; needle pressure of only 2 1/2 ounces; counterbalanced; high-lift arm; non-resonant; completely shielded; housed in beautiful streamlined black molded Bakelite 10 5/8" long, 2 3/4" high, base 2". With 2 1/2-ft. shielded cord and arm rest. For 10" and 12" records. **\$5.88**



K1337—List \$12.00. **Your Cost** **\$5.88**
K13393 Crystal Pick-Up Cartridge only. **Each** **\$3.23**

"TRANSCRIPTION TYPE" Crystal Pick-Up



These new Shure "Transcription" models meet the high standards required for reproduction in broadcast recording and entertainment fields. "Needle-tilt" balanced tracking, plus

bent arm provides negligible tracking error. Wide range response to approximately 7000 cycles. Head pivots horizontally for easy needle changing. Complete with 3 1/2 ft. shielded cord, teplate, screws. For up to 16" records. **\$9.70**
K13394 List Price \$16.50. **Your Cost** **\$9.70**
K13395 Straight-arm type, for up to 12" records. **\$9.11**

ASTATIC Model 0-7 Crystal Pick-Up



Employs the well known off-set head to provide maximum fidelity; minimum tracking error. Axial cushioning reduces motor noise and feedback. Response essentially flat over the entire tone range. Streamlined design; lightly damped stylus; needle pressure only 2 1/2 ounces; easy needle loading. 9" overall. Telephone black finish. Shpg. wt. 3 lbs. List \$6.50. **\$3.82**

K214 **Your Cost** **\$3.82**
K233 Replacement Crystal Cartridge for above. **\$2.94**

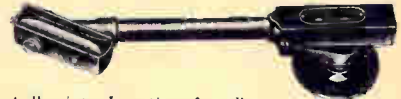
PIEZO CRYSTAL PICK-UPS

In using these pick-ups, the quality of reproduction is limited solely by the accessory equipment. Extremely light in weight; ball bearing arm. Plays either 78 or 33 r.p.m. records; no counter-weight necessary. Overall finish in crystalline black. **High impedance.**

K161 For 10" and 12" records. **K162** For records up to 16" 8" arm. **\$5.88** 12" arm. **\$7.35**
Your Cost **\$5.88** **Your Cost** **\$7.35**
K140 Replacement Crystal Cartridge for above. **\$2.94**

ASTATIC "TRU-TAN" CRYSTAL PICK-UP

Has scientifically designed off-set head which follows entire playing surface of record practically true to tangent of the circle at all points. Insertion of needles has been greatly simplified; the head turns 140° and the needle is dropped in from the top. Telephone black finish with chrome trimmings. **High impedance;** no transformer needed.



K172 10" Arm. Shpg. wt. 4 lbs. List \$17.50. **\$10.29**
 For 10" and 12" records. **Your Cost** **\$10.29**
K173 12" Arm. Shpg. wt. 5 lbs. List \$27.50. **\$16.17**
 For records up to 16". **Your Cost** **\$16.17**
K140 Replacement Crystal Cartridge for above. **\$2.94**

WEBSTER Crystal Pick-Up

Ultra-modern in design and construction. Tangent tracking of needle groove decreases record wear and scratch level. May be fed direct to grid with no transformer. Pick-up head can be lifted

Wide Range Response

past vertical center facilitating needle change. Streamlined design minimizes undesirable resonance peaks. Extremely light needle pressure without counter balance. For use with both 10-inch and 12-inch records.

K524 Crystal pick-up, streamlined tone arm. List Price \$10.00. **\$5.88**
Your Cost **\$5.88**
K526 Magnetic pick-up, streamlined tone arm. List Price \$8.00. **\$4.70**
Your Cost **\$4.70**
K527 High output magnetic type. **\$5.29**
K528 Crystal cartridge only for use in above arm. **Your Cost** **\$3.23**

New! WEBSTER "Mellotone" Crystal Pick-Up



A new, uniquely designed crystal pick-up having a solid wood, walnut finished tone arm. Offset to provide the benefits of tangent tracking which reduces scratch and record wear and aids tone quality. Has rubber sealed high impedance crystal cartridge (130,000 ohms). Full lift hinge for easy needle loading. Waterproof, breakage proof, non-resonant. **K538** With 30" lead. Wt. 3 lbs. **\$3.47**
 For 10" and 12" records. **Your Cost** **\$3.47**
K540 Crystal Cartridge only. **\$2.85**

UPCO MODEL M-1 PICK-UP



A new lightweight high-fidelity pick-up with minimum needle scratch. Essentially flat frequency response 50 to 6000 c.p.s. Exclusive ball hearing mount and adjustable pivot insures smooth tracking and minimum record wear. Velvet smooth volume control built into pick-up base. 7 1/2" tone arm. **High impedance;** needs no matching transformer. 10" and 12" records. Shpg. wt. 3 lbs. **\$4.70**
K144 **Your Cost** **\$4.70**
K142 Same as above, but with offset volume control. **Your Cost** **\$3.97**

Mike & Phono Adapter 5, 6, 7 and 8 Prong



Especially designed for use with microphone or phono pick-up. Adapter is inserted in tube socket and tube in adapter. Simple to use.

K12628 5 Prong Type **54¢**
K12629 6 Prong Type **54¢**
K12630 7 (S.) Prong Type **54¢**
K12631 8 Prong Type **54¢**

WEBSTER Fidelity Pick-Up

Magnetic Type 100 to 7000 C.P.S.



Flat Frequency Response

An improved model of the well known Webster model 151B. Remarkably fine high fidelity performance with essentially flat response from 100 to 7000 cycles per second. Negligible needle scratch. The unit is so designed that no counterbalance is necessary when used on either 33 or 78

r.p.m. recordings. Finished in beautiful brown. Smooth acting volume control built-in. **High impedance coil;** requires no matching transformer. Easy needle loading. Correct needle pressure. The high output of this pick-up makes it ideal for record players, and for replacement in high grade phono-radio combinations. Shpg wt. 4 lbs. **\$5.64**
K147 **Your Cost** **\$5.64**
K115 Same, less volume control. **\$5.05**
Your Cost **\$5.05**

De Luxe Magnetic Pick-Up



With Offset Head

A new high fidelity type magnetic type pick-up with the modern tangent type head to minimize tracking error and increase record life and reproducing quality. Newly developed alloys make for improved efficiency. 5000 ohms impedance. Swivel designed to prevent chattering. Single hole mounting type; free lateral motion. Equipped with 18" shielded cable and arm rest. For 10 and 12 inch records. Arm 9 1/4 inches long. Shpg. wt. 3 lbs. **\$2.86**
K521 **Your Cost** **\$2.86**

Astatic Scratch Filter



Thoroughly sealed and tuned to resonate at the point of greatest scratch intensity. Tone quality is clarified to a remarkable degree. Designed to minimize needle scratch in crystal pick-ups. 1x1 1/4x2". Shpg. wt. 1 lb. **88¢**
K13362 **Your Cost** **88¢**

Garrard Motor Oil and Grease



Exceptionally fine lubricants for all types of phono motor mechanisms. Highly recommended: keeps motors running smoothly and quietly.

K15242 Motor Oil. **35¢**
Your Cost **35¢**
K15243 Motor Grease **45¢**
Your Cost **45¢**

Garrard Chromic Needles

Each needle plays 10 records without wear. For automatic players. **K193** Pack of 10 **12¢**
Your Cost **12¢**
 10 Packs for **\$1.05**

Stroboscope
 Calibrated 78 and 33 r.p.m., 25-50-60 cycles. 6" Diam. **K197** **12¢**
Each **12¢**



We Will Not Knowingly Be Undersold



RCA Phono Equipment



DeLuxe Crystal Pick-Up



Extremely wide range (45-7000 cycles) crystal pick-up that insures finest reproduction. Crystal completely sealed in a spring counter-balanced tone arm; crystal is offset to insure minimum record wear. Top loading of needle. Attractively finished in brown wrinkle lacquer with chrome trim. Arm rest and needle positioning bracket included. Wt. 3 lbs. No. 14818. **\$8.97**
K183 Your Cost

Senior Crystal Pick-Up



Range 70-7000 cycles. Features offset crystal, top needle loading, built-in shorting switch. Special needle ejector and rest simplifies loading and positioning. Brown wrinkle lacquer finish. Shpg. wt. 2 lbs. No. 9847. **\$4.17**
K13423 Your Cost
Crystal cartridge only **\$2.55**
K13424 Your Cost
Special needle box **45c**
K13425 Your Cost

Junior Magnetic Pick-Up



Ideal for modernization and P.A. work. Unusually compact, yet provides excellent results. Especially suited for use with No. 9841 motor listed above. Coil impedance 1400 ohms. Finished in smooth brown lacquer. Shpg. wt. 2 lbs. List **\$6.75**. No. 12329. **\$4.05**
K154 Your Cost

Pick-Up Heads and Arm



A new line of universal pick-up heads and a single high quality arm for all types. All units are finished in attractive walnut.

Magnetic Pick-Up Heads

Stock No.	Part No.	Imped. Ohms	Your Cost Each
K180	9661	8.5	\$3.90
K181	9665	30.0	
K182	9669	700	
K184	9670	2800	
K185	9749	8500	

Pick-Up Arm

Universal type, fits all heads listed above. Balanced perfectly. Part No. 9678. **\$4.50**
K187 Your Cost

RCA Pick-Up Coils

Stock No.	Part No.	Resist. Ohms	Your Cost
K174	2255	3300	\$0.72
K186	2314	20	.65
K169	2769	20	.30
K396	3386	7	.30
K398	10777	200	.30
K175	2641	200	.60

New RCA Automatic Mixer-Changer No. 9844



The finest automatic record changer ever offered by RCA. The unit plays seven 12" records or eight 10" records automatically, and repeats the last record. Both record sizes may be intermixed. A reject lever automatically feeds in the next record. The mechanism is of simple, fool-proof design, and is positive in action. Construction features include: deluxe CRYSTAL wide-range pick-up with provisions for top needle loading; special needle ejector, positioning device and receptacle; heavy duty; self-starting motor requires little attention and is unusually quiet; needle pressure of only 3 ounces; minimum record wear. All metal parts above panel finished in attractive brown wrinkle lacquer with chrome trim. Dimensions: 14 3/4" wide, 11 1/2" deep; space required above panel 4 1/4", below panel 4 1/4". For operation on 110-120 volt, 60 cycles a.c. Shpg. wt. 25 lbs. List **\$74.95**. **\$44.97**
K21054 Your Cost

RCA R-93C Record Player



An inexpensive instrument that quickly converts any modern a.c. radio into an electrical radio-phonograph combination. Plays both ten and twelve inch records with all the volume and fidelity of the set to which it is attached. Includes cushion mounted, constant speed electric motor, latest type feather-touch crystal pick-up and new true tracking tone arm. Arm easily tilted for insertion of needle. Incorporates its own volume control. Housed in attractive cabinet of walnut veneers. Size: 11 1/2" wide, 9 1/2" deep, 3" high. For 110-120 volts, 60 cycles a.c. Has plug for new RCA sets, requires switch and cord for other makes. Shpg. wt. 10 lbs. List **\$14.95**. **\$8.97**
K22005 Your Cost
K22006 Switch and cord. Your Cost 60c

Junior Crystal Pick-Up



Compact, efficient crystal pick-up with offset head to insure minimum record wear. For 10 or 12" records. Swivel arm tilts for easy needle loading. Shock-proof mount. Brown wrinkle lacquer finish. Shpg. wt. 2 lbs. No. 9842. **\$2.97**
K212 Your Cost
Crystal cartridge only **\$2.25**
K215 Your Cost

Phonograph Oscillator



Model RK-24
For phono 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. Wt. 6 lbs. **\$5.85**
K10599 Less tube. Your Cost

Steel Play Back Needles

K209 Very low scratch level. Reduces wear on disc. **10c**
Your Cost for 12
K345—Ideal for heavy pick-ups or acoustic phonographs. **10c**
Your Cost for 12
Bamboo Needles for aluminum. **8c**
Playback Envelope of 12. **8c**
K343 Your Cost

GREY "Kacti" Needle

Finest cactus. Cause no wear, last longer, eliminate objectionable needle scratch. Individually tested. **29c**
K359 TEN For

Permo Point Needle

A specially designed metal needle that will play up to 1500 records without replacement. Special precious metal point prolongs record life and provides low scratch level. **50c**
K356— Each

Special Phono Motors



Single speed (78 r.p.m.) phono motors that are unusually compact and are highly efficient. Elimination of the governor by use of constant speed motor with extremely small angular change has resulted in units that are extremely simple and reliable. All are SELF-STARTING, and operate on 115 volts, 60 cycles a.c. Furnished complete with brown felt-covered turntables, ready for installation. Ideal for modernization work and for p.a. installations. Shpg. wt. 10 lbs.
Motor with 8" turntable. **\$4.50**
K170 Your Cost Each
Motor with 12" turntable. **\$4.70**
K166 Your Cost Each



"Aerodynamic" Streamlined Mike



Pressure operated dynamic microphone with frequency range essentially flat from 100 to 6,000 c.p.s. Impedance 250 ohms. Output level 68 db. Chrome finish. Insensitive to vibrations. With 6-ft. of cable. 3/4" pipe thread. Size: 3" high, 2 1/4" wide, 3 1/4" deep. Wt. 4 lbs. No. MI-6226A. **\$13.77**
K13466 Your Cost
K13465 Hi-imped. (40,000 ohms). With 30-ft. cable. **\$15.57**
Your Cost

RCA Synchronous Motor and Turntable



Used on many RCA Victor combinations. Simple in design, practically wear and trouble free in operation. Complete with turntable finished in an attractive brown flock. Rubber cushioning prevents vibration pick-up. Plays any record up to 12" diam. Turntable 7" diam. Motor is synchronous reaction type (hand start) and consumes only 10 watts. For 110-120 volts, 60 cycles a.c. Wt. 4 lbs. No. 9841. **\$3.90**
K21055—Each
HEAVY DUTY MODEL: Similar to above. High torque. RCA Part No. 11873. **\$6.30**
K21056—Your Cost

Orthophonic Sound Box

Universal type; fits all models except the 2-35. Excellent quality. Ribbed diaphragm. Bronze finish. No. 6927. **\$3.00**
K350 Each



RCA Phono Needles Play Back Only

Steel. Half Tone, 75 to envelope. Others 100 to envelope. **9c**
K159—Half Tone. K153—Full Tone. K160—Extra Loud. **9c**
Your Cost Per Pack
10 Packs For 75c
Chromium. Semi-permanent needles. With colored shanks. **18c**
K155—Orange (33 1/2 r.p.m.).
K357—Green (78 r.p.m.).
Your Cost, (either Type)
Package of Six **18c**
Tungstone. Semi-permanent type. For use in automatic phonographs. **18c**
K157—Extra-loud Tone.
K158—Full Tone. **18c**
Your Cost, Pkg. of 8

RCA Home Recording Double Faced Blanks

Made of flexible composition, double faced. To be played back with RCA-Victor Home Recording Needles. **75c**
K381—6" Blanks. Pkg. of 4. **75c**
Your Cost
K382—10" Blanks. Pkg. of 2. **75c**
Your Cost
K383—12" Blanks. Each. **68c**
Your Cost
Recording Needles for Above
K129 Pkg. of 8. **25c**
Your Cost

GAS-DRIVEN GENERATORS

Hy-Tower "Skyscraper" Windcharger—Free Power!

Now you can have year-round FREE power for your radio and lights with the finest windcharger made. Charges 6-volt batteries of any capacity at a maximum charging rate of 16 amps. Stands fully 10 feet high on a practically indestructible steel tower. Metal-sheathed propeller starts spinning at winds as low as 5 m.p.h.

Requires No Care

A life-time generator (it is built to last 15 years) has oil-sealed ball-bearings which requires no oiling for the life of the unit. It is equipped with a filter which permits playing radio while charging. The collector ring has only 2 moving parts—and uses no brushes! Complete as described with full instructions. Shpg. wt. 75 lbs.

K17224—Your Cost, When Purchased With Any Lafayette Radio Receiver \$17.50
Purchased Separately.....\$19.75



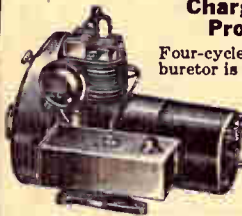
10-Foot Tower

Charges Up To 16 Amps.

Adjusts Itself For Any Wind Up To 70 M.P.H. Self-Tilting Fully Guarded Against Any Adverse Climate

RURAL-POWER GAS GENERATORS

Charges 6 and 12 Volt Batteries Provides Power for Lighting



Four-cycle air cooled engine with suction type carburetor is rated at 3/4 h.p. at 2350 r.p.m. Fly ball governor, low tension ignition. Ammeter included to show rate of charge. A push-button self-starter included in model D. Model C uses hand starter. Both have 1-quart capacity fuel tanks and are 16" long, 11" wide and 10" high. All furnished complete with generator cut-out, battery leads, clips, radio noise filter and

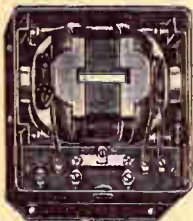
instructions. Shpg. wt. 70 lbs.
K17239—Model C, for 6-v. batteries, 150 watts. \$32.50
Your Cost, Complete.
K17230—Model D. Charges 6 and 12 volt batteries. 150-250 watts. \$39.05
Your Cost, Complete.
K17232—For charging 32-volt batteries—250 watts \$47.25
K17233—For 32-volt lighting—250 watts
Genuine Mazda Edison Base 6-Volt Light Bulbs
K12255—15-watts. Draws 2.5 amps. Your Cost
K12256—25-watts. Draws 4.2 amps. Each \$30c

Lighting Kit



Complete wiring kit (B) contains: 100 ft. No. 8 weather-proof wire, 25 ft. drop cord, 6 pull-chain sockets, 6 porcelain cleats, 6 nail-it knobs, 2—6" porcelain tubes, porcelain entrance switch and fuse block, 2-30 ampere fuses, 4 oz. friction tape. 4 oz. rubber tape.
K17240—Your Cost. \$6.95

GEN-E-MOTOR Power Supply



For Use With 6-Volt Storage Battery

Provide quiet, well-filtered plate voltages. Ideal for car, truck, trailer, farm. Requires no oiling; dust-proof case 3 1/2 x 5 1/2 x 4". Wt. 17 lbs.

Stock No.	Volts Out.	Cur. Ma.	Yours Cost
K14209	180	30 90	\$11.87
K14210	200	40 ..	11.47
K14228	225	50 ..	11.47
K14229	250	50 ..	11.47

For Sound Trucks
K14211 300 100 .. 22.05
K14180* 300 100 .. 17.64
* Less filter.

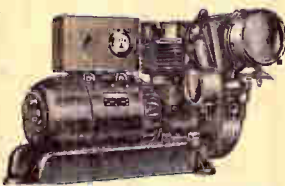
PIONEER "Blue Diamond" 300-Watt Gas Driven A.C. Generators

These sturdy, efficient plants deliver "city" electricity, 110 volts, 60-cycles a.c., for operating radio receivers, lights, farm and home appliances, etc. Also deliver low voltage for charging storage batteries. Utilize the powerful Blue Diamond 4-cycle, single cylinder air cooled engine, rated at 3/4 H.P. All models have push-button for starting, and also have auxiliary rope-pull starter. Engine operates from 12 to 16 hours on one gallon of gas; base tank has 1-gallon capacity. Filter recommended where unit is used to operate radio. Size: 19 1/2" long, 14" high, 14" wide.



K19880—300 watts, 110 volts 60-cycles a.c. Also delivers 6-volts d.c. for charging 6-volt storage batteries. Shpg. wt. 122 lbs. List \$79.95. Your Cost \$59.90
K19881—Same as above, with remote control; ammeter and voltmeter in control box. List \$104.95. Your Cost \$78.70
K19882—300-watts, 110 volts 60 cycles a.c.; 12 volts d.c. for charging 12 volt batteries. Wt. 122 lbs. List \$87.45. Your Cost \$65.58
K19883—As above, with remote control, ammeter and voltmeter in control box. List \$112.45. Your Cost \$84.30
K19887 Filter with ignition shielding. Each \$5.60

PIONEER "Gold Crown" Heavy Duty Gas-Electric Plant



Special heavy duty units designed for use where great output is required. Will operate farm machines, appliances, P.A. systems, etc. Air cooled high efficiency motors operate for 4 hours on one filling (tank capacity 1 gallon). Engine and generator mounted on heavy cast base. Rope-pull started.
600-Watt model. 28x15 1/2 x 15 1/2". Wt. 160 lbs. \$134.60
K19894—Your Cost, F.O.B. Chicago.
1000-Watt model. 28x17 1/2 x 19 1/2". Wt. 190 lbs. \$194.60
K19895—Your Cost, F.O.B. Chicago.
Units available up to 5000 watts. Write for details.

Mallory Vibrapacks



Flexible, heavy-duty vibrator power supplies designed to provide the most dependable and low cost method of obtaining "B" voltage from a 6 to 12 volt storage

battery. Specially designed for supplying high voltage d.c. for the plate circuits of vacuum tubes. Features include: flexibility provided by four output voltages in 25-volt steps; high efficiency; compact, light weight construction. Tube type required where "B" minus cannot be at ground potential. Shpg. wt. 10 lbs.

K6090—VP-551. Self rectifying. Use with 6-volt storage battery. Output voltages: 125-150-175-200 volts at 100 ma. \$8.82
Your Cost
K6094—VP-552. Same as above, but output voltages 225-250-275-300 at 100 ma. \$10.88
Your Cost

K6091—VP-553. Tube rectifier. For 6-volt storage battery. Output volts: 125-150-175-200 at 100' ma. \$9.70
Your Cost

K6095—VP-554. Same as above, but output voltages 225-250-275-300 at 100 ma. \$11.76
Your Cost

K6092—VP-G556. Self-rectified. For use with 12-volt storage battery. Output voltages: 225-250-275-300 at 100 ma. \$11.76
Your Cost

JANETTE Converters



	Stock No.	Output Watts	Input Amps.	Your Cost
	110-115 V. D.C. to 110 V. 60 Cycle A.C.			
With	K19803	110	1.9	\$31.39
Built-In	K19804	150	2.4	34.64
	K19805	300	4.0	48.71
	K19815	500	6.4	64.14
Radio	220 V. D.C. to 110 V. 60 Cycle A.C.			
Filters	K19816	150	1.2	36.02
	6 V. D.C. to 110 V. 60 Cycle A.C.			
	K19808	40	15.0	38.94
	K19818	60	24.0	48.71
	12 V. D.C. to 110 V. 60 Cycle A.C.			
	K19870	120	18.0	41.16
	K19876	160	22.0	58.14
	32 V. D.C. to 110 V. 60 Cycle A.C.			
	K19800	110	6.5	31.39
	K19801	150	8.5	34.64
	K19802	300	15.0	48.71
	K19813	500	18.0	64.14

For operating 110 volt, 60 cycle a.c. appliances, radios, P.A. systems, etc. from d.c. supplies. All equipped with radio interference filters; if filter is not required write for price on model desired.

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 supplied for any application.

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
K17228	110	5.6	\$23.95	K17229	110	1.69	\$23.95
K17208	150	7.8	27.20	K17210	150	2.23	27.20
K17209	300	15.0	37.50	K17211	300	4.0	37.50

Converters and gas-driven generators are available for all applications at low wholesale prices. Our engineering department offers you free consultation on your needs.

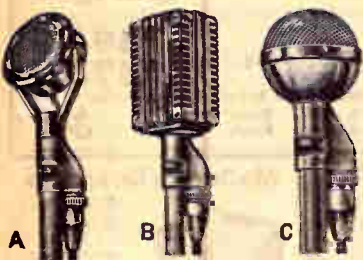
SHURE Microphones

"Uniplex" Uni-Directional Mike



A true uni-directional mike—sensitive at the front, dead at the rear. Solves feedback, room and background noise and reverberation problems. Ideal for use in theatres, night clubs, restaurants, churches, etc. Provides high quality, wide range response. Average front to rear discrimination about 15 db. Output level 62 db below 1 volt per bar. Mechanical features include: new streamline design; swivel head; new cable connector; rich satin chrome finish. Has triple moisture-proof Grafoil Bimorph crystal. Head diameter $3\frac{1}{2}$ ", depth $3\frac{1}{4}$ ". Standard $\frac{3}{8}$ "—27 thread. Model 730A—Uniplex Mike complete with locking connector and 25-ft. of cable. **K13673—Your Cost. \$17.35**

Ultra Wide-Range Microphones



High quality, wide-range crystal mikes featuring: response from 30 to 10,000 c.p.s.; dual drive high capacity Graphoil Bimorph crystal elements; barometric compensation; internal screen protected cartidges; output level 53 db below 1 volt per bar; curvilinear diaphragms; rich satin chrome finish; built-in cable connector and locking plug; $\frac{3}{8}$ "—27 thread.

K13640—Model 700D: Fig. A. Swivel type with tilting head. Satin chrome finish. $2\frac{3}{4}$ " diameter. Complete with 7-ft. shielded cable with plug and attached. Shpg. wt. 3 lbs. List \$25.00.
K13641—Model 701D: Fig. B. "Grille type" sk/scraper design, satin chrome finish. $3\frac{1}{4}$ " high, $2\frac{1}{4}$ " wide. With 7-ft. shielded cable with plug attached. Shpg. wt. 3 lbs. List \$25.00.
K13642—Model 702D: Fig. C. "Spherical" mikes with non-directional horizontal pick-up. Satin chrome. $2\frac{1}{2}$ " diameter. With 7-ft. shielded cable with plug attached. Wt. 3 lbs. List \$25.00.
Your Cost Each, Any Above Model. \$14.70
 Directional Baffle for Model 700D mike only. **\$1.47**
K13674—Your Cost Each. \$2.35
 25-ft. shielded cable with plug attached. Shpg. wt. 4 lbs.
K13680—Your Cost. \$2.35
NOTE: Any of the above mikes can be supplied with 25-ft. cable and plug (instead of 7-ft.) at \$1.06 additional. Specify on order.

"TRI-POLAR" Microphone



Provides 3-way directional control. Uni-Directional wide angle front-side pickup; Bi-Directional, permitting pick-up from front and back while dead sides discriminate against unwanted sound; Non-directional, full 360° pick-up, for general use. Output level 74 db below 1 volt per bar. Range 30 to 10,000 c.p.s. Tilting head, $\frac{3}{8}$ "—27 thread. Switch on base. With 25-ft. cable with plug attached. Satin chrome finish. Wt. 3 lbs. **K13653—Your Cost. \$26.46**

Shure Crystal Hand Mikes



Only $3\frac{1}{4} \times 2\frac{3}{4} \times 1\frac{3}{4}$ ". Cast aluminum case, iridescent gray and satin aluminum finish. High output. With 7-ft. cable and removable hook. Wt. 2 lbs.
K13648—750A. General Purpose. \$14.70
Your Cost. \$15.58
K13649—750B. As above, with switch. \$17.64
Your Cost. \$18.52
K13651—760B. As above, with switch.

"ROCKET" Semi-Directional Mike



Modern streamlined semi-directional mike that can be converted to directional type by adding the directional baffle listed below. Head tilts; can be aimed at source of sound for best response. With head in vertical position, non-directional pick-up is provided. Output level 53 db below 1 volt per bar. Grafoil Bimorph crystal element. Triple moisture sealed. Satin chrome overall finish. Diameter $2\frac{3}{4}$ ", length $3\frac{3}{4}$ ". $\frac{3}{8}$ "—27 thread. With 7-ft. cable with plug attached. **\$14.70**
K13681—Your Cost. \$1.47
 Directional Baffle plate for above.

Diaphragm Type 70H



Provides the highest output level ever attainable in a crystal mike; 46 db below 1 volt per bar. Employs the cantilever principle and provides wide range response. Genuine Grafoil Bimorph crystal element, triple moisture sealed. Sturdy cast case finished in satin-chrome. With new built-in cable and plug. Furnished with 7-ft. shielded cable. Shpg. wt. 3 lbs. List \$22.50.
K13473—Model 70H. \$13.23
Your Cost. \$14.29

Communications Mikes



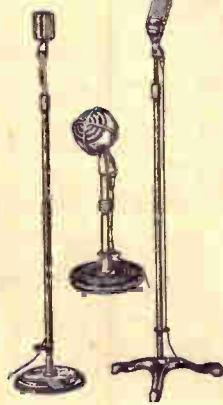
With Rocket communications crystal mike. Output 30 db below 1 volt per bar. Gives clear, crisp speech that cuts through noise and static. With 7-ft. cable with locking plug connector. Desk mount finished in iridescent gray. Shpg. wt. 3 lbs. **K13604—Your Cost. \$16.17**
 Same as above, but with diaphragm type mike (70SW), communications type. Output level 26 db below 1 volt per bar. 7-ft. cable and plug. Shpg. wt. 3 lbs. **K13605—Your Cost. \$14.70**

SHURE 3B Carbon Mike



Two-button mike, 200-ohms per button. Four "quick-way" hooks for spring suspension. Rigid cast frames, built-in grilles. 3" diameter. Excellent response. Chrome finish. Shpg. wt. 2 lbs. **K13645—Your Cost Each. \$3.23**

SHURE DeLuxe Floor and Desk Stands



Have Friction Lock—a fraction of a turn locks the stand, yet will support a 50 pound load; easy to raise or lower; 3-point gum-rubber base cushioning.
Model S50B Floor Stand: $9\frac{1}{2}$ " diam. base, fluted rim. Height $44\frac{3}{4}$ " to $70\frac{1}{2}$ ". Satin chrome finish. Wt. $9\frac{1}{2}$ lbs. **K13450—Your Cost. \$5.88**
Model S51B Floor Stand: $10\frac{1}{2}$ " base. Modern step design with fluted rim. Tenite ornamental collar. Height $44\frac{3}{4}$ " to $70\frac{1}{2}$ ". Satin chrome. Wt. 14 lbs. **K13452—Your Cost. \$7.35**
Model S55A Studio Floor Stand: Stable 3-leg base. Height 48" to 70". Leg spread $15\frac{1}{2}$ ". Iridescent Gray. Wt. 14 lbs. **K13453—Your Cost. \$9.11**
Model S54C Floor Stand: Double extension type. $9\frac{1}{2}$ " base. 30" to 64". Iridescent Gray. Wt. 9 lbs. **K13644—Your Cost. \$5.88**
Model S32D Desk Stand: Base 6", has satin chrome circles. Height 7" to 11". **K13643—Your Cost. \$3.82**

AMERICAN D5-T Dynamic



New streamlined dynamic mike. High impedance, 10,000 ohms (high permeability transformer built-in). Output level minus 55 db. Effective range from 50 to 7,500 cycles. No pronounced peaks. Not affected by temperature changes, humidity or wind noises. Semi-directional. Streamlined. $3\frac{1}{2}$ " long, $2\frac{1}{2}$ " diameter. With swivel for $\frac{3}{8}$ "—27 thread. Complete with 25-ft. cable and Amphenol connectors. Shpg. wt. 6 lbs. List \$32.50. **K13456—Your Cost. \$19.10**
Model D5: As above, but low impedance (50 ohms). **\$16.17**
K13472—Your Cost.

AMERICAN D7-T Dynamic



A rugged, all-purpose dynamic microphone that is excellent for public address installations, indoor or outdoor. Fine frequency response on both voice and music. Minimum of feedback. Not affected by changes in temperature or humidity. High impedance, 10,000 ohms (built-in transformer). Output level approx. minus 55 db. Semi-directional pick-up. All chrome finish. With $12\frac{1}{2}$ -ft. of cable and Amphenol connectors, $\frac{3}{8}$ "—27 thread. $2\frac{1}{2} \times 2$ ". **K13486—List \$22.50. Each. \$13.23**
Model D7: Same as above, but low impedance (50 ohms). List \$20.00. **\$11.76**
K13483—Your Cost.

AMERICAN D9-T Dynamic



High impedance, 10,000 ohms (built-in transformer). Ruggedly constructed, immune to weather conditions, free from wind noises. Suited for close-talking applications. Has uni-directional characteristics. Incorporates two distinct dynamic units in a single housing, acting together as one mike. Output level approx. minus 55 db. Excellent, wide range response. Housing is brush chrome finish. 7" high, $2\frac{1}{2}$ " deep, $2\frac{3}{4}$ " wide. With 25-ft. cable. $\frac{3}{8}$ "—27 thread. Wt. 4 lbs. List \$37.50. **K13469—Your Cost. \$22.05**
Model D9: Low Impedance (50 ohms). **K13470—Your Cost. \$20.58**

AMPERITE VELOCITY MIKES

AMPERITE RSHn & RBSn

New models equipped with the new patented acoustic compensator, cable connector and switch. Push compensator knob up to increase highs, down to increase lows. For speech and music. Output minus 68 db. Range 60 to 8,000 c.p.s. Shpg. wt. 6 lbs.

K13598—RSHn with high impedance cable (12 ft.) **\$18.82**
Your Cost.....
K13599—RBSn 200 ohm imp. 12 ft. cable. **\$18.82**
Your Cost.....

MODEL SR-80

New and improved model has highest output in Studio microphone, minus 56 db. Response 1 db over frequency range of 40 to 15,000 c.p.s. Triple shielded. With cable connector and 25-ft. cable. Built in on-off switch. Excellent for both speech and music. Shpg. wt. 10 lbs.

K13468—50 ohms impedance
K13475—200 ohms impedance
K13463—High impedance
Your Cost.....
Each, Any Type Above... **\$40.00**

Amperite Models RBHK and RBMK

The most advanced velocity microphones made. Provide studio-type reproduction. In polished gunmetal finished cases. Hand-hammered ribbon will stand even 40-mile gale. New nickel-aluminum magnets, 8 db higher output than other or older types. Removable cable plug assembly, "on-off" switch, felt carrying case, design eliminates cavity resonance. Guaranteed for 3 years.

NEW ACOUSTIC COMPENSATOR

Models RBHK and RBMK feature the Acoustic Compensator permitting complete frequency adjustment. Simply push knob up to increase highs, down to increase lows. Mike also becomes uni-directional when compensator knob is in up position. Makes mike adjustable for close talking or distant pickup. Range 40 to 11,000 c.p.s. Output minus 65 db. Triple shielded. Complete with switch, cable connector and 25 feet of cable. Shpg. wt. 8 lbs. List Price \$42.00.

K13668—RBHK. High Impedance
K13669—RBMK. 200 ohms. **\$24.70**
Each.....

Models RBHn and RBMn

These models are similar to the RBHK and RBMK, but do not have the Acoustic Compensator. For speech and music. Studio and P.A. Polished gunmetal finish. Shpg. wt. 6 lbs.

K13565—RBHn. High Impedance
K13614—RBMn. 200 ohms.
Either Type Above, Your Cost..... **\$24.70**

Models RBBn and RBHBn

For unusual feedback conditions such as in picking up an entire stage performance. Does not have Acoustic Compensator. Polished gunmetal finish. Shpg. wt. 6 lbs.

K13612—RBHBn. High Impedance
K13616—RBBn. 200 ohms.
Either Type Above, Your Cost..... **\$24.70**

NOTE: All Amperite mikes and stands shown on this page with gunmetal finish are available with chrome finish at no additional cost. Please be sure to specify finish on those models when ordering.

LGP Input

Matches 50 or 200 ohms to hi-impedance input. Can be used with cable up to 2000 ft. Standard type for close-talking mikes; laboratory type for all voice and music.
K13608—Standard. Each... \$2.94
K13609—Lab. Type. Each... 5.88

Replacement Ribbons

Highest grade replacement ribbons for use in all types of Amperite Velocity Microphones. Each package contains two guaranteed ribbons.
K13566—Standard **73¢**
Your Cost.....
K13567—Supersensitive
Your Cost..... **\$1.03**

Hand or Stand Mike

Compact velocity mikes with the features of the larger velocities. Has comfortable pistol grip when used as hand mike. Output, minus 70 db. Range, 60 to 7000 c.p.s. Complete with switch, cable connector, 25 ft. cable. Rubber case chrome trim.

K13677—High Imped.
K13678—200 ohms.
Either Type, Your Cost..... **\$14.70**

Contak Mike & Foot Control

Musical instrument mike, contact type. Used with foot operated volume control. Output -40 db. With 25-ft. cable. 40-9000 c.p.s. response.

K13661—Model KTH. Hi-imped.
K13662—Model KTL. 200 ohms.
Either Type, Your Cost..... **\$12.94**
 Standard Model. Frequency response 40-6000 c.p.s. -40 db. output. 20 ft. cable.
K13675—Model SKH. Hi-imped.
K13676—Model SKL. 200 ohms.
Either Type, Your Cost..... **7.06**
 Foot-operated volume control for KTH or SKH. **\$4.70**
K13663—Each.....

MIKE STAND SWITCH Mounts Between Stand and Mike

Handy stand mounting "on-off" switch for use with any type mike. Cast aluminum case with rubber-black finish. Standard 3/4"-27 thread. Overall height 2 1/2". Adds a professional touch to any installation. Shpg. wt. 2 lbs.
K13639—Your Cost **\$1.47**

ASTATIC Crystal Microphones

NEW! Astatic Multi-Unit Dual Diaphragm

These new Astatic Crystal Mikes, MU-2 and MU-4 are especially designed for nite club, theatre and other high quality P.A. systems. Cannot be acoustically overloaded. Units have automatic barometric compensation. Torque type graphoil, -bimorph element. MU-2 has two dual diaphragm xtal units using 4 diaphragms. MU-4 has 4 units using 8 diaphragms. Both have 3-prong locking connector for all 3/4"-27 thread stands. Output level: MU-2 -60 db; MU-4 -58 db. Modernistic black and chrome finish. 4 1/4"x2 1/4"x2". Shpg. wt. 8 lbs.
K13371—MU-2, with 25-ft. cable. **\$17.34**
 List **\$29.50**. **Your Cost**.....
K13372—MU-4, with 25-ft. cable. **\$23.22**
 List **\$39.50**. **Your Cost**.....

Astatic Crystal Mikes

The famous models T3, K2, D2 and D104 are now improved. Each now includes a plug and socket connector fitting for quick changes and a spring cable protector to prevent breakage.

Model T-3. The sensational "Acorn" crystal mike with unequalled directional characteristics which reduce acoustic feedback. Easily converted to non-directional by tilting head to vertical position. Output -60 db, response 30 to 10,000 c.p.s. Standard plug and socket; tapped for 3/4"-27 thread. Size: 2 1/4"x3 1/4". Shpg. wt. 4 lbs.
K13670—Complete with 25-ft. cable. List **\$25.00**. **\$14.70**
Your Cost.....
Model D-2. Double diaphragm type. Output -64 db; response 50 to 6000 c.p.s. within 2 db. Chrome plated; 2 1/4" diam. 3/8" thick. Threaded for 3/4" male pipe, with adapters for 1/2" and 3/8" pipe.
K13620—Model D2, complete with 8-ft. cable. **\$14.70**
Your Cost.....
Model D2H. As above, but hand type. 8-ft. cable. **\$15.88**
K13621—Your Cost.....
Model D104. Single diaphragm. Output -56 db. 3" diam. 1" thick. Chrome finish. 3/4"-27 thread. With 8-ft. cable. **\$13.23**
K13363—Your Cost.....
Model D104H. As above, but hand type. **\$14.40**
K13575—Your Cost.....
Model D104HS. Same as D104H, but with switch. **\$14.99**
K13576—Your Cost.....
Model K2. Double diaphragm. Substantially flat from 30-6000 c.p.s. with rise of 10 db at 10,000. Output -64 db. With 25-ft. cable. 3/4"-27 fitting. **\$16.17**
K13418—Your Cost.....
Grip-Talk Stand, as shown above with Acorn mike. Overall height 11". Chromium upright, telephone black finished base. When purchased in conjunction with any mike above, **\$2.94**
Your Cost.....
K13373—When purchased separately, **\$5.88**
Your Cost.....

Mike Stands Rubber Bottoms

Has new non-sliding, positive clutch—adjustable to move stand up and down without use of clutch. Unusually stable 12-inch base with new rubber shock absorbing bottom.
K13439—Model FS8—Floor stand. 40 to 60". 3/4"-27 thread. Polished gunmetal finish. Shpg. wt. 15 lbs. **\$8.23**
Your Cost.....
K13442—Model DS—desk stand. 3 inches high. Has quiet rubber bottom. Polished gunmetal. Shpg. wt. 7 lbs.
Your Cost..... **\$2.94**

MODELS RAL AND RAH

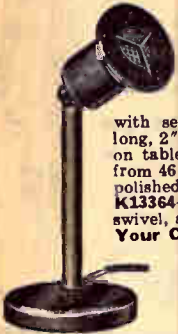
Built to Amperite standards. No peaks. Flat response over entire range. Output minus 68 db (open line). With swivel bracket, shock absorber, carrying bag. Gunmetal finish. Wt. 7 lbs.
K13618—RAL. 200 ohms. 8-ft. cable.
K13619—RAH. 2000 ohms. 12 feet of cable. **\$12.94**
Your Cost Each.....

Lafayette Velocity Microphone

A velocity mike designed for use wherever high quality is desired. New triple shielding is featured. Supplied with shock absorber. Response 40-10,000 c.p.s., 2 db. Output, minus 64 db. With 12 ft. of cable. Slate grey finish.
K13626—200 ohm (low impedance).
Your Cost..... **\$11.18**

MICROPHONES and ACCESSORIES

Western Electric MODEL 633A DYNAMIC MIKE



The famous "Salt-Shaker" mike. Developed by Bell Labs, A. T. & T., and W. E. Real broadcast quality; response 40-10,000 c.p.s. Non-directional without baffle—adding 3 1/4" baffle makes it directional and increases response on voice frequencies. Can be suspended on cord, directly on stand or given tilt action with separate swivel joint. Cylindrical housing 3 1/4" long, 2" diameter. Impedance 20 ohms. When mounted on table stand, height is 12"; on floor stand, height is from 46" to 76". Finished in aluminum gray with bright polished edges.

K13364—Model 633A dynamic microphone. Less baffle, swivel, stand and cable. **\$59.50**
Your Cost.....

- K13365—Type 8A directional baffle plate \$2.30
- K13368—Type 9A swivel joint..... 3.90
- K13369—Type KS-7183 20-foot cable... 2.00
- K13366—Type 23A desk stand..... 3.80
- K13367—Type 22A floor stand..... 19.00

Electro-Voice Dynamic Microphone



A strikingly beautiful yet unusually compact microphone. A wide flat frequency response assures completely natural reproduction. Head is reversible in position swinging through an arc of 180° to provide directional or non-directional pickup. Parabolic duraluminum diaphragm. Alnico magnet. Frequency response: 40-10,000 c.p.s. Output: -55 db, open line. Complete with plug for top of mike stand and 20 feet of cable. Plug fits standard 3/8"-27 thread. Shpg. wt. 4 lbs. Available in two finishes.

- K13409—Chrome. List \$30.00. **\$17.64**
- Your Cost.....
- K13410—Gunmetal. List \$27.50. **\$16.17**
- Your Cost.....

AMERICAN Carbon Hand-Desk Mike



Fine two-button carbon mike. Stretched dural diaphragm. Rubber mounted yoke has 3/8"-27 female thread to fit any type stand. Polished chrome finish 2 3/4" diameter. Converted to hand type with handle listed below and to desk type with base plus handle. Shpg. wt. 3 lbs.

- K13658—Mike only **\$4.41**
- Your Cost.....
- K13659—Handle only **88¢**
- Your Cost.....
- K13660—Base only **59¢**
- Your Cost.....

Lafayette Carbon Mike

Startlingly new in appearance and performance this two-button carbon mike is the first real improvement in carbon mikes in many years. 200 ohms per button. Gunmetal finished alloy case. Mike: 3" high, 2 3/4" wide. Stand: 4" high, base 4 1/4" diameter. Shpg. wt. 4 lbs.

- K13414—Mike, less stand. **\$3.95**
- Your Cost.....
- K13422—Stand, only **88¢**
- Your Cost.....

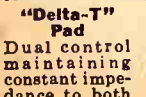
CENTRALB ECONOMY P.A. CONTROLS



Straight Fader
For use with high impedance input devices, xtal pickups, mikes, etc. Provide smooth quiet fading from one source to another. Each control tapped at center. Commonly used in PA amplifiers, and some receivers as AVC and audio load resistor. Good replacement item.

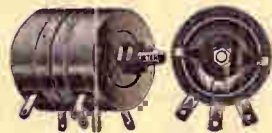
- | Stock No. | Resistance Each Side c.t. | Your Cost |
|-----------|---------------------------|---------------|
| K9004 | 500M | \$1.18 |
| K9005 | 1 Meg. | |

- | Stock No. | Res. | Each |
|-----------|--------|---------------|
| K9000 | 250M | \$1.03 |
| K9001 | 500M | |
| K9002 | 1 Meg. | |
| K9003 | 2 Meg. | |
| | | |



- "Delta-T" Pad**
Dual control maintaining constant impedance to both sides.
- | Stock No. | Imp. | Each |
|-----------|----------|---------------|
| K9006 | 50 ohms | \$2.06 |
| K9007 | 200 ohms | |
| K9008 | 500 ohms | |

UTAH "T" and "L" Pads



Wire wound pads capable of taking peak loads. Can be used for controlling individual or groups of speakers. These sturdy controls are carefully engineered for long trouble-free service yet are priced unusually low. Full wiping contact assures quiet operation.

- | Stock No. | Impedance Ohms | Your Cost | |
|-------------------------|----------------|---------------|--|
| K6556 | 500 | \$1.76 | |
| K6556 | 1000 | | |
| 25 Watt "L" Pads | | | |
| K6567 | 8 | \$2.94 | |
| K6568 | 16 | | |
| K6569 | 500 | | |
| K6570 | 1000 | 3.38 | |
| 25 Watt "T" Pads | | | |
| K6571 | 8 | | |
| K6572 | 16 | | |
| K6573 | 500 | 3.38 | |
| K6574 | 1000 | | |

- Carbon Granules**
Extra fine quality—not adulterated. Contains sufficient granules to refill one two-button mike. **20¢**

BRUNO Velotron Microphones



Standard Model "WS"

A new "wide-angle" model of the famous velotron microphone. Covers a wide area by means of directional "fins". Hi-impedance output. Level: -45 db. Polarizing voltage required: 150-350 volts. Finish: gunmetal. Size: 7x3 1/2x2". See below for cable. Shpg. wt. 3 lbs.

- List \$30.00. **\$17.64**
- K13683—
- Your Cost.....

No-Voltage Model "MB"



The "No Voltage" Velotron, as the name implies requires no exciting voltage of any kind. It is not a condenser or capacity microphone. Bi-directional. Hi-impedance. Output: -50 db. Use up to 1000 ft. of cable with a loss of only 8 db. Excellent frequency response. Shpg. wt. 4 lbs. List \$22.50. **\$13.23**

- K13684—Cost... **\$13.23**

Twenty-five feet of Cable with connector and rubber sleeve for either of the above microphones. Shpg. wt. 6 lbs. **\$1.47**

Brush BR2S Sound Cell



Uses 2 piezo Bimorph cells. Output, -66 db. Case is 2 1/4" in diameter. Affords 360° non-directional pick-up. Operates directly into grid of "high gain" amplifier. Furnished with a 3-prong plug and socket for stand or suspension mounting. Finely woven brass screen finished in dull chromium.

- List \$29.50. **\$17.34**
- K13632—
- Your Cost.....

NEW BRUSH P. A. MIKE

MODEL B-1

Brings many advantages of sound-cell operation within reach of amateurs, police, P.A., etc. Size, 3 1/2 x 1 1/2 x 3/4". Finished in dull chromium. Output, minus 66 db. With 3-conductor locking type plug and socket connector. List Price \$26.50. Shpg. wt. 2 lbs.



- K13657—Model B-1 **\$15.58**
- Your Cost.....

BRUSH Musicians Mike

Uses tiny crystal element. For tail piece of violins, guitars, etc., and bells of wind instruments. 1 1/2 x 3/4 x 1/4" thick. For any high gain amplifier. With 15 ft. cable. Aluminum case



- with rubber bumper. **\$10.29**
- K13467—List \$17.50.
- Your Cost.....

CLAROSTAT Output Attenuator



Will safely dissipate 25 watts continuously. Insertion loss only 1.3 db. Provide a constant impedance to both input and output circuits. All metal parts insulated for operation as high as 500 volts. Employs step type switch and ceramic base resistance elements. 16 attenuation values available in steps of 3 db up to 45 db.

Complete unit housed in ventilated metal case assuring ample ventilation of all resistors and switch contacts. Unit is furnished complete with etched metal dial plate and indicating pointer knob. Overall dimensions: length 4 1/2", diameter 3 1/4". Heavy screw terminals. Shpg. wt. 3 lbs.

- | Stock Impedance No. | Ohms | Each |
|---------------------|------|--------------|
| K6828 | 50 | 14.70 |
| K6829 | 250 | |
| K6830 | 500 | |

TRUTEST "25" Carbon Mike

A high-quality two-button carbon mike for better work. Range, 45 to 7000 cycles. Heavy, chromium plated frame. Has pure gold (24 K.) contacts; duraluminum diaphragm. **\$3.95**



Low Impedance Crystal And Velocity Mike Cable

Consists of two conductors, color-coded in a closely woven tinned copper shielding with outer covering of rubber. Abrasion proof. Shpg. wt. 9 lbs. per 100 feet. **6¢**

- K16079—Per Foot.....
- K16201—50-Foot Roll..... **\$2.50**
- K16202—100-Foot Roll..... **4.10**

3 and 5 Conductor Shielded Cable



Three color-coded conductors in tightly woven tinned copper shield. 1/8" outer covering of high-percentage rubber. Shpg. wt. 10 lbs. per 100 feet. Wire is stranded. **4¢**

- K16145—Per Foot.....
- K16206—50-Foot Roll..... **\$1.80**
- K16207—100-Foot Roll..... **3.45**
- Similar to above, but 5-conductor. **7¢**
- K16100—100 Feet \$5.95.
- Your Cost per Foot.....

CRYSTAL MIKE CABLE



Flexible stranded tinned copper single conductor; tinned copper braid shield; cotton wrap and lacquered braid, rubber overall. **4¢**

- K20842—Per Foot.....
- K16333—50-Foot Roll..... **\$1.80**
- K16334—100-Foot Roll..... **3.45**

PRICES SUBJECT TO CHANGE... WITHOUT NOTICE

MICROPHONES and ACCESSORIES

3-Section Demountable Mike Stand

Practical and attractive floor stand, ideal for use in portable P.A. work. Has 2-1/2" sections, 1-1/4" section with friction clutch and 12" extension. Height range from 17" to 29", 35 1/2" to 47 1/2" and 54" to 66". Heavy cast base 9" diam. 3/8"-27 thread. Shpg. Wt. 14 lbs.



K13430—
Your Cost \$5.95

Banquet Stand

A beautiful all-chrome plated banquet stand with heavy cast base. Seamless brass tube triple plated. Sturdy base mounting; will not sway or tip, no vibration. 8 1/2" high. Threaded 5/8"-27 fit practically all mikes. Shpg. wt. 12 lbs.



K13582—
Your Cost \$1.60

Two tone model. Same as above but with base finished in black wrinkle lacquer. Will stand long, hard usage and forms an ideal accessory for portable public-address systems. Easily fits into carrying cases.

K13583—Your Cost \$1.25

Lafayette "FRICTION CHUCK" MICROPHONE STANDS

Utilize a combination friction holding and chuck locking device. Locking device prevents rod from slipping. All stands listed have a minimum height of 36" and a maximum of 67". Rods are of heavy-gauge, seamless brass tubing, triple chromium plated. Cast iron bases covered with spun heavy copper chromium-plated shells and equipped with rubber feet. Stand threaded 3/8"-27.

K13576—Base diameter 7 1/2". Net weight 8 pounds. Shpg. wt. 10 lbs. **Your Cost \$4.15**

K13528—Base diameter 10". Extra heavy base. Net weight 10 pounds. Shpg. wt. 14 lbs. **Your Cost \$4.95**

K13577—Base diameter 10". Net weight 18 pounds. Shpg. wt. 22 lbs. **Your Cost \$7.85**

Portable Telescopic Stands

Similar in construction to above, but use thumbscrew adjustment because of 3-section make-up.

K13588—from 26" to 66". Base 7 1/2". Shpg. wt. 10 lbs. **Your Cost \$4.85**

K13646—Heavier tubes, base (10)". Shpg. wt. 14 lbs. **Your Cost \$6.15**



Friction Clutch Chrome Floor Stand

Unquestionably the finest value we have ever offered in a floor stand. Made of seamless brass tubing triple chrome plated. Heavy cast base in modern style finished in attractive black lacquer. An ideal, sturdy mike stand that is light enough to move easily, yet will not sway or vibrate despite roughest type of usage. **FRICTION CLUTCH LOCK** varies height from 37" to 67". Male pipe thread 5/8"-27. Base 10" diam. Net weight 10 lbs. Shpg. wt. 12 lbs.



K13647— \$3.75
Special ...

Velocity Mike Table Stand

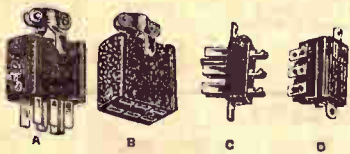
For use on desk, speaker's stands and similar places. A heavy cast mike stand especially designed for velocity microphones. Attractively finished in black wrinkle lacquer. 5/8"-27 thread.

K13584—
Your Cost \$95



Jones Multiple Plugs and Sockets

A series of multiple contact plugs and sockets in both heavy duty (25 ampere) and standard duty (5 ampere) sizes. Cable type plugs and sockets have cable clamps. Chassis type have brackets—heavy duty type at ends—standard duty type at sides.



TYPE A PLUGS			
Standard	Duty	Heavy Duty	Your Cost
No.	Cost	Stock	Cost
K12460	18c	2	K12400 37c
K12461	21c	4	K12401 45c
K12462	24c	6	K12402 54c
K12463	27c	8	K12403 62c
K12464	31c	10	K12404 70c
K12465	34c	12	K12405 79c

CHASSIS TYPE PLUG (C)			
Standard	Duty	Heavy Duty	Your Cost
No.	Cost	Stock	Cost
K12472	9c	2	K12426 27c
K12473	12c	4	K12427 31c
K12474	14c	6	K12428 35c
K12475	17c	8	K12429 39c
K12476	20c	10	K12430 43c
K12477	23c	12	K12431 48c

TYPE B SOCKETS			
Standard	Duty	Heavy Duty	Your Cost
No.	Cost	Stock	Cost
K12466	18c	2	K12412 40c
K12467	22c	4	K12413 50c
K12468	27c	6	K12414 61c
K12469	30c	8	K12415 71c
K12470	35c	10	K12416 81c
K12471	39c	12	K12417 91c

CHASSIS TYPE SOCKET (D)			
Standard	Duty	Heavy Duty	Your Cost
No.	Cost	Stock	Cost
K12478	9c	2	K12406 30c
K12479	12c	4	K12407 36c
K12480	17c	6	K12408 42c
K12481	20c	8	K12409 48c
K12482	24c	10	K12410 54c
K12483	26c	12	K12411 60c

Shielded 3 Way Microphone Plug



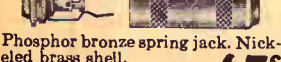
Barrel is made of nickel plated brass. Rubber insulating bushing.

K13519—
Your Cost \$67

As above but with bakelite barrel.

K13521—
Your Cost \$39

Shielded 3 Way Jack



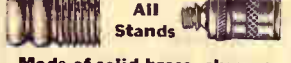
Phosphor bronze spring jack. Nickel plated brass shell.

K13520—Your Cost \$67

Jack only less shell.

K13522—
Your Cost \$25

Reducers and Swivels



Made of solid brass, chrome plated

Stock No.	Top Male	Bot. Fem.
K13347	1/2" pipe	3/8"-27
K13349	3/4" pipe	1/2"-27
K13351	5/8"-27	1/2"-27

Stock No.	Top Male	Bot. Fem.
K13343	1/2" pipe	3/8"-27
K13344	3/4" pipe	1/2"-27
K13345	5/8"-27	1/2"-27
K13346	5/8"-27	1/2"-27

Your Cost Each, Any Type Above... \$45

NOTE: We can supply mikes, stands, cables, etc., for any purpose. Write for quotation.

AMPHENOL REG. U.S. PAT. OFF.

Octal—Male and Female

Type 08
Octal type with center guide pin. Brass locking type shell with chromium finish. Rubber gasket and cable clamp keep strain off cadmium plated bronze prongs. Overall dimensions coupled: 3 1/4" long, 1 1/8" diameter.

Male	Female	Contacts	Your Cost
K13492	K13491	8	73
K13553	K13375	6	
K13554	K13376	6	
K13555	K13377	4	
K13555	K13377	6	

Chassis Type—Female

For use with cable type connector listed above, 1 1/8" diameter. High current carrying capacity.

Stock No.	Type	No. Contacts	Your Cost
K13269	PO8F	8	73
K13272	PO6F	6	
K13273	PO5F	5	
K13274	PO4F	4	

Mike Connectors For Single Conductors



Locking type chromium-plated brass cable connector for single wire shielded cables. Positive contact for grounding shield by means of lug and set screw. Accommodates cables up to 5/8" diameter. Thread on PC1M is 3/8"-24 A-Type MC1F—female connector.

K13359—
Your Cost \$29

B-Type MC1M—male connector. **K13360—**
Your Cost \$24

C-Type PC1M—for chassis. **K13361—**
Your Cost \$18

Cable and Microphone Type Connectors

MC Type Shielded Locking Connectors

Compact 3 and 4 contact connectors. Shielded and with locking ring. Brass—Chrome plated. Coupled: measure 2 1/2" long, extreme diameter 3/8". Complete with cable grip and spring coil cable protector.

Stock No.	Contacts	Type	Each
K13488	4	Male	64
K13499	4	Female	
K13489	3	Male	59
K13490	3	Female	

Chassis Connector

With knurled ring, lock washer, hex. lock nut. For 1 1/4" chassis hole 3 or 4 contact female.

K13396—3 contact (PC3F)... **29c**
K13397—4 contact (PC4F)... **32c**

Special Chassis Type

Similar to above but with contacts shielded. Fits up to 5/8" panel. Used with cable type MC connectors.

Stock No.	Pr. Female	Pr. Male	Each
K13307	3	Female	59
K13308	3	Female	
K13309	4	Female	
K13310	4	Male	64

Miniature Connectors

Use same bakelite male and female elements as above. Do not lock. Cadmium plated caps held by setscrew.

Male	Female	Contacts	Each
K13335	K13337	3	18c
K13336	K13339	4	

To Speed Handling of YOUR Order -- Use Our Order Blank

Public Address Horns and Baffles

Giant Cone Speaker Projector Horn



This large weatherproof horn is designed for use with 12" and 15" cone type speakers. It is especially intended for use in installations requiring high power coverage of a large area with a minimum number of speakers. Its directional characteristics permit the projection of sound over long distances. Shipped "knocked down" this horn can be assembled with an ordinary pair of pliers. No drilling or glueing is required. Bell: 24x38". Overall length 37". Shpg. wt. 24 lbs. Housing only has inside dimensions of 15 3/4 x 15 3/4 x 11" deep. Shpg. wt. 8 lbs.

K20039—Horn only less housing and speaker. **Your Cost.....\$14.50**

K20051—Housing for above horn less speaker. **Your Cost.....\$2.85**

Acoustic "Vari-Deflector"



Can be mounted horizontally, vertically, flat against the wall or in a corner. Adjustable deflectors direct sound to desired areas. Takes speakers up to 13" outside diameter and 9" deep. Overall diam.: 28" long 14" high, 12" deep. Mtg. brackets and back cover included. Shpg. wt. 17 lbs.

K20098—Your Cost. **\$7.35**

Flared Baffles

"Demountable" type flared baffle. Measures 14" deep; 30x18" bell. Knock-down size is 30x16x2 1/4". We a t h e r. proofed materials. Aluminum paint finish. Will accommodate 10, 11, 12" speakers. Shpg. wt. 10 lbs.



K19838—Your Cost Each.....**\$3.95**

Speaker Housing

Designed for use with above. Inside diameter, 15 3/4 x 15 3/4 x 11". Is completely weatherproofed.

K20051—Your Cost.....**\$2.85**

ALNICO P-M UNIT



Diaphragm is spun from sheets of highest grade of duralumin. Voice coil impedance is 15 ohms at 1000 cycles 20-watt continuous capacity; 25 watts peak. Powerful Alnico P-M unit. Male thread 1 1/4"—18. Shpg. wt. 15 lbs. List \$45.00.

K19393—Your Cost.....**\$26.46**

Lafayette "Wall Type" Baffles

Fabrikoid Models

These new Lafayette baffles ideally meet the need that has existed for some time for an efficient enclosed indoor speaker baffle that would assure the utmost in performance from any speaker. These new baffles have a front face inclined at an angle, arrived at after careful research, that provides correct coverage over a wide area when the speaker is mounted at the usual height above the floor. It can also be placed on the floor of a stage where it will project the sound slightly upwards so as to obtain coverage to the extreme rear of the auditorium. These baffles are constructed of selected wood veneer covered with attractive durable brown leatherette. Two sizes are available. One for 10" speakers has outside dimensions of: 12" wide, 14" high, 8" deep. One for 12" speakers: 14" wide, 15" high, 10" deep. Complete wall mounting hardware speaker mounting screws and instructions furnished. Shpg. wt. 6 lbs.

K20055—10" Your Cost.....**\$2.95**



These baffles are constructed of selected wood veneer covered with attractive durable brown leatherette. Two sizes are available. One for 10" speakers has outside dimensions of: 12" wide, 14" high, 8" deep. One for 12" speakers: 14" wide, 15" high, 10" deep. Complete wall mounting hardware speaker mounting screws and instructions furnished. Shpg. wt. 6 lbs.

K20056—12" Your Cost.....**\$3.75**

HIGHLY POLISHED WALNUT Baffles



Large Area Provides Excellent Bass Response

K20021—De Luxe Model. Your Cost.....

Economy Model—Where a smaller, lighter, and not so highly polished baffle is desired this model will be found ideal. It is built of wood veneers finished in walnut. Overall dim. are: 14x16x10" deep at top; 11" deep at bottom. Designed for use with the average 12" speaker. Complete wall mounting hardware and instructions furnished. Shpg. wt. 10 lbs.

K20019—Economy Model

Your Cost.....**\$4.20**

Where the finest type of furnishings are required no better baffle can be found than this new Lafayette walnut model. Built of beautiful hardwood veneers and hand polished to a "piano" finish it is truly a thing of beauty. It will enhance rather than detract from the appearance of the finest ball room or auditorium. It is large enough to accommodate large 12" speakers and to provide ample baffle area. Overall dimensions: 22" high; 18 1/2" wide; 11 1/2" deep at top; 4 1/2" deep at bottom. Shpg. wt. 12 lbs.

\$5.75

Walnut Paging System Baffle

This polished walnut baffle has been especially designed for De Luxe installations. Will take any standard 6" PM speaker. Overall dimensions: 8 1/2" high; 7 1/4" wide; 4 1/4" deep at top; 2" at bottom. With hardware. Shpg. wt. 3 lbs.

K20025—Your Cost.....**\$1.90**



New Parabolic Baffles



These improved models of the familiar and popular "dome" baffle incorporate many new features that are the result of knowledge gained through past experience. As before, these baffles are easy to install, beautiful in appearance and highly efficient in performance. The bell, which is of 16 gauge aluminum is 10" long and has an extreme diameter of 17". All rear housings are of heavy steel and are large enough to house both the average matching transformer and the speaker. Overall length is 20". Come complete with suspension ring and speaker mounting hardware. Shpg. wt. 7 lbs.

K20040—Your Cost.....**\$4.50**

Acoustically Treated Model

This model is similar to the above but the speaker housing is lined with special heavy acoustic felt and the baffle comes complete with a weatherproof slip-on cover for the bell opening for use when the speaker is not in operation. Has steel back.

K20050—Your Cost.....**\$5.95**

Heavy Duty De Luxe Model

This is a heavy duty model and has a bell spun of heavy 14 gauge aluminum. The back is of steel. Complete unit finished in bright aluminum lacquer.

K20044—Your Cost.....**\$8.82**

Giant Model with 22" Bell

This giant model has a 22" bell spun of 16 gauge aluminum and a steel speaker housing. Overall length 26". Complete unit finished in bright aluminum lacquer.

K20092—Your Cost.....**\$8.53**

Adapter Rings for All Models

State size of speaker and type of baffle. No adapter required for 12" speakers—only for smaller sizes.

K20045—Your Cost Each.....**44¢**

"Storm Proof" Marine Horns



For 8" and 12" Cones

For all unsheltered outdoor and indoor applications. Ideally suited for stadiums, police cars, fire departments, shipboard, etc. These weatherproof units will resist a direct driving rain without damage to the cone unit. Reflex construction eliminates any possibility of damage to the delicate cone structure. Constructed of heavy aluminum and steel spinings finished in battleship grey enamel. All speaker mounting hardware supplied. **Less adjustable bracket.**

K20096—WX-8. For all standard 8" cone speakers. 13" long; bell opening 18". Shpg. wt. 10 lbs. **Your Cost.....\$10.29**

K20099—WX-12. For all standard 12" cone speakers. 16" long; bell opening 23". Shpg. wt. 14 lbs. **Your Cost.....\$17.64**

Adjustable Mounting Bracket. Shpg. wt. 12 lbs.

K20067—For WX-8

K20069—For WX-12 **Your Cost Each.....\$4.12**

Truck Mounting For "Dome" Baffles

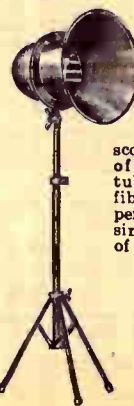


Mounts dome baffles on trucks, walls, etc. Swivels for directional effect. 8" cast base. Takes Cines-audograph units. 14 1/2" high. Black shrivel finish. Wt. 6 lbs.

K20095—Your Cost.....**\$2.88**

Saddle and swivel. **K20097**—Each.....**\$1.77**

Collapsible Floor Stand For Aluminum Baffles



A truly portable stand that has light weight and fine appearance. Equal in stability to cast-iron base types. Telescoping sections are of seamless steel tubing. A special fibre inlaid clutch permits quick and simple adjustment of height which can be varied up to 8 feet. Its saddle takes Cines-audograph units and the all metal parabolic baffles listed at the left. Finished in black enamel (non-rusting) with silver-finished fittings. Fitted with rubber-tipped legs.

K20059—List \$12.50 **Your Cost.....\$7.35**

Jensen Speakers

12" "HI-FI" P.A. Dynamics Models A-12 and B-12X

Model A-12 has range from 50 to 7500 c.p.s. and handles 15 watts continuously, 18 watts peak. Model B12-X slightly less efficient, handling 12 watts continuously. Voice Coils are 8 ohms at 400 c.p.s. Both have d.c. fields, and are supplied less output transformer. See transformer listing below, right. Shpg. wt. A-12 is 21 lbs.; B12-X is 16 lbs.

Stock No.	Model	Field Res.	Your Cost
K19068	A-12	860 ohms	\$10.14
K19070	A-12	2500 ohms	
K19072	B12-X	1250 ohms	\$7.41
K19074	B12-X	2500 ohms	



15" Dynamic (Field Coil) Speakers

Models listed are high-fidelity types. Model A-15 field dissipates max. of 15 watts, B-15X dissipates 12 watts. Both have 1 1/2" voice coils, impedance 8 ohms at 400 cycles. Both supplied less transformer (see below, right). Shpg. wt. A-15 is 16 lbs.; B-15X is 12 lbs.

Stock No.	Model	Field Res.	Your Cost
K19012	A-15	860 ohms	\$15.73
K19013	A-15	2500 ohms	
K19014	B-15X	1250 ohms	\$11.17
K19015	B-15X	2500 ohms	

JENSEN 18" Speakers



Excellent for Theatres, Public Address, fine radio receivers or wherever the highest degree of loud speaker performance possible is desired. High fidelity (HF) models have a frequency response range up to 9000 c.p.s. Standard fidelity models have range up to 5500 c.p.s. Power capacity 25 watts continuous, 40 watts peak. Voice coil 8 ohms at 400 c.p.s. All models complete with 500 ohm line transformer. All a.c. models supplied with rectifier tube.

Stock No.	Model and Type No.	Field	Shpg. Wt.	Your Cost
K19030	M-18 D.C. (Stand. Fid.)	110 V.D.C.	68 lbs.	\$44.25
K19031	HF-18 D.C. (Hi.-Fid.)	110 V.D.C.	68 lbs.	46.31
K19032	M-18 A.C. (Stand. Fid.)	110 V.A.C.	78 lbs.	61.40
K19037	HF-18 A.C. (Hi.-Fid.)	110 V.A.C.	78 lbs.	63.46

Model C Dynamics

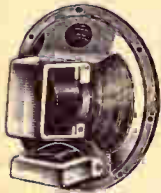
High quality dynamics ideally suited for radio receivers, P.A. work, etc. Employ heavy field pots, 1 1/2" voice coils and hum bucking coils. V impedance 8 ohms at 400 c.p.s. 8" models have power capacity of 6 watts, 10" models—8 watts, 12" models—9 watts, 15" models—9 watts but better frequency range. All less output transformers.

Stock No.	Model	Field Res.	Shpg. Wt.	Your Cost
K18988	C8-RS (8")	2500	9 lbs.	\$4.26
K18989	C8-RS (8")	1000	9 lbs.	5.29
K18990	C10-RS (10")	2500	11 lbs.	\$5.29
K18991	C10-RS (10")	1250	11 lbs.	6.32
K18992	C12-R (12")	2500	18 lbs.	\$7.94
K18993	C12-R (12")	1250	18 lbs.	
K19016	C15-R (15")	1250	10 lbs.	
K19017	C15-R (15")	2500	10 lbs.	



Series "S" Dynamics

Standard replacement speakers. All less output transformers (see listing right), excepting N o. K18977 which includes a 4500 ohm transformer to match 43, etc.



No.	Field Res.	Each
K18977	3000	\$1.71
K18978	2750	1.35
K18979	6 volts	1.35

H5-S. 5" Models

No.	Field Res.	Each
K18980	2750	\$1.59
K18981	1800, tapped at 300 ohms	
K18982	6 volts	

F8-RS. 8" Models

K18983	2500	\$2.29
K18984	1000	

G10-RS. 10" Models

K18985	2500	\$4.12
K18986	1250	

G12-R. 12" Model

K18987	2500	\$5.15
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Series "S" PM Speakers

Rugged, compactly constructed permanent magnet speakers. Ideal for replacement or as extension speakers. 5", 6" and 8" speaker voice coils are 4 ohms impedance at 400 cycles; 10" and 12" speakers are 6 ohms. All speakers less output transformer.



No.	Model	Each
K18968	PM5-FS, 5"	\$1.59
K18969	PM6-ES, 6"	1.94
K18970	PM8-DS, 8"	2.73
K18971	PM10-GS, 10"	4.41
K18972	PM12-GS, 12"	5.79

Universal Output Transformers For Series "S" Speakers

No.	Type	For	Each
K18973	Line	H5, 6, 8, PM5, 6	50c
K18974	Tube	H5, 6, 8, PM5, 6	
K18975	Line	PM8	88c
K18976	Tube	PM8	

NOTE: 10" and 12" speakers use transformers listed at right.

JENSEN PM Dynamics

A12-PM and PM-12B

These excellent reproducers are the most popular speakers in the field. Replace the conventional electro-dynamic types, since they are more economical in operation. Require no energizing voltage, special field supplies, etc. The model A12-PM speakers have a range up to 7,500 c.p.s., and will handle 15 watts continuously with 18 watts peak; Model PM-12B is slightly less efficient and will handle 14 watts continuously. Voice coils 8 ohms at 400 c.p.s. Shpg. wt. A12-PM—19 lbs., PM12-B is 11 lbs. Supplied less output transformer. (See listing.)



K19095—Model A12-PM, Hi-Fidelity Speaker.	\$20.43
Your Cost.....	
K19011—Model PM12-B Hi-Fidelity Speaker.	\$14.70
Your Cost.....	

STANDARD 8", 10" and 12" PM's

Model PM8-CS—An 8" permanent magnet dynamic speaker, capable of handling 8 watts of power. Ideal for replacement, or where high efficiency and good response is desired. 1" voice coil—impedance 6 ohms. Supplied less transformer. (See listing below.)

K19076—Model PM8-CS—8" speaker. Shpg. wt. 5 lbs.	\$5.00
Your Cost.....	

Model PM10-CS—Same magnet and voice coil characteristics as specified for above, but larger cone improves low frequency response and power handling capacity (9 watts). Less transformer.

K19088—Model PM10-CS—10" speaker. Shpg. wt. 7 lbs.	\$6.17
Your Cost.....	

Model PM12-C—Excellent large PM speaker for its price. Same voice coil specifications as above. Power handling capacity 10 watts. Supplied less output transformer. (See listing.)

K19092—Model PM12-C—12" speaker. Shpg. wt. 8 lbs.	\$7.79
Your Cost.....	

15" PM Speakers: Models A-15PM and PM-15B

Larger than the 12" models and handle more power. Have 1 1/2" voice coils with 8 ohms impedance at 400 c.p.s. A-15PM has magnetic structure with capacity of 3 lbs.; Model PM-15B has magnetic structure with capacity of 2 lbs. Both models furnished less transformer. (See listing below.)

Model A-15PM. Shpg. wt. 22 lbs.	\$24.25
K19098—Your Cost Each.....	
Model PM-15B. Shpg. wt. 16 lbs.	\$17.64
K19099—Your Cost Each.....	

Model KM Speaker Enclosures



Improved speaker housings providing finer reproduction than that offered by "Infinite" baffles. Incorporate both "Peri-Dynamic" and "Bass Reflex" features, insuring crisp, clear reproduction of all notes. Made of sound absorbing material finished in double coat of French grey lacquer. Shipped knocked down, all hardware furnished.

Stock No.	Speakers	For	Dimensions	Wt.	Your Cost	
			H. W. D.	Lbs.		
K18994	8"	24	x17	x11 1/2"	27	\$9.41
K18995	10"	28	x21	x12 1/2"	38	11.64
K18996	12"	30 1/2	x23	x12 1/2"	47	13.44
K18997	14"	38 1/2	x25 1/2	x13 1/2"	60	20.48
K18998	15"	33 1/2	x25 1/2	x13 1/2"	57	15.64
K18999	18"	38 1/2	x27 1/2	x13 1/2"	90	24.00

PERI-DYNAMIC Reproducers

Model 3000: Enclosed type for flush mounting. Consists of an 8" PM speaker mounted in a heavy wood cabinet finished in black lacquer and natural walnut. Panel 12 1/2"x16 1/2". Directs sound downward at an 18 degree angle. Excellent performance. Ideal for centralized radio systems. Less input transformer (6 ohm voice coil). Shpg. wt. 12 lbs. **\$10.88**
K19096—Your Cost.....
K19102—PERI-DYNAMIC Cabinet only. Your Cost..... **\$5.88**



Universal Matching Transformers

Transformers listed match the above speakers to any output tubes, single or push-pull, or to universal line (500, 1000, 1500 and 2000 ohms). Shpg. wt. 4 lbs.

No.	Type	For Speakers	Each
K19022	Univ. Line	PM-10CS, PM-12C, PM-8CS, G12RS, PM12GS	\$1.32
K19023	Univ. Tube	PM-10CS, PM-12C, PM-8CS, G12RS, PM12GS	
K19024	Univ. Line	A12-PM, B16X, PM15B, C15R, B12X, PM12B	\$1.62
K19025	Univ. Tube	A12-PM, B16X, PM15B, C15R, B12X, PM12B	
K19026	Univ. Line	A15-PM, A-15	\$2.20
K19027	Univ. Tube	A15-PM, A-15	
K18964	Univ. Line	C8-RS, C10-RS, C12-RS	\$1.32
K18965	Univ. Tube	C8-RS, C10-RS, C12-RS	
K18966	Univ. Line	PM10-GS, G10-RS	88c
K18967	Univ. Tube	PM10-GS, G10-RS	

We Will Not Knowingly Be Under Sold

Quality SPEAKERS for Every Requirement

LAFAYETTE All-Purpose Dynamics 3 1/2, 5, 6, 8, 10 and 12" Models



3 1/2"

A line of high quality speakers for general replacement purposes, for light sound duty, etc. Features: practically flat response, when properly baffled, from 100 to 3600 c.p.s.; one-piece ridged cones; cadmium plated frames and pot covers. 10 and 12" models have 3-point outside spiders and dust-proof pot covers. All speakers with universal transformers (match any single or p.p. tubes) are furnished with hook-up chart. Will stand considerable overload.

3 1/2" Diameter Models

For hearing aids, call systems and midget radio receivers. Shpg. wt. 3 lbs.

No.	Field Res.	Transformer	Each
K19279	450 ohms	None	\$1.21
K19299	3000 ohms	Universal	1.45

5" Diameter Models

For call systems, midget radios, auto radios, etc. Shpg. wt. 4 lbs.

No.	Field Res.	Transformer	Each
K19280	6 Ohm	Universal	\$1.29
K19281	450 Ohms	Universal	
K19293	3000	For single 43, etc.	
K19282	1800 tapped at 300	For single 43, etc.	

6" Diameter Models

For home radios, small p.a. systems, etc. Shpg. wt. each 6 lbs.

No.	Field Res.	Transformer	Each
K19122	6 Ohm	Universal	\$1.65
K19165	1000 Ohms	Universal	
K19109	1800 tapped at 900	Universal	
K19166	2500 Ohms	Universal	

8" Diameter Models

For home radios, small p.a. systems, etc. Shpg. wt. each 6 lbs.

No.	Field Res.	Transformer	Each
K19307	1000 Ohms	Universal	\$2.35
K19283	1800 tapped at 300	Universal	
K19292	2500 Ohms	Universal	

10" Diameter Models

For the larger home radios, low power public address systems, etc. Shpg. wt. 8 lbs.

No.	Field Res.	Transformer	Each
K19284	1000 Ohms	Universal	\$3.09
K19285	2500 Ohms	Universal	

12" Diameter Models

For the finest home receivers, medium power P.A. systems, etc. Shpg. wt. 11 lbs.

No.	Field Res.	Transformer	Each
K19284	1000 Ohms	Universal	\$3.69
K19295	2500 Ohms	Universal	

QUAM 5 1/2" Replacement Dynamics

Especially designed for use in compact radio receivers, auto-radio sets, etc. These speakers are used as standard equipment on thousands of different radios of popular make. They are capable of fine performance, and will handle 4.5 watts of audio power. Outside diam. 5 1/2"; 10" leads. Plated steel frame. Wt. 4 lbs.



No.	Field Res.	Transformer	Each
K19250	5.5 ohms	10 000 ohms (41,89)	\$1.97
K19251	450 ohms	20 30 ohms (25B5, 25L6)	
K19252	3000 ohms	40 30 ohms (25A7, 43)	

Your Cost Each, Any Model Listed Above

LAFAYETTE Standard PM Speakers



A line of all purpose, high quality permanent magnet speakers. Each model matches in sensitivity a comparable field coil type speaker. Employ high permeability magnets, one-piece seamless cones, sturdy plated metal frames. Excellent response. Voice coil impedance, all models, 6-8 ohms. All furnished less output transformer.

Stock No.	Diam. In.	V.C. Diam.	Power Watts	Depth In.	Shpg. Wt. Lbs.	Your Cost Each
K19268	8"	3 1/2"	2	2 1/4"	2	\$1.69
K19270	6"	3 1/2"	4	2 1/4"	3	1.85
K19271	8"	3 1/2"	5	3 1/4"	5	2.35
K19278	10"	1"	8	6 1/2"	9	3.75
K19272	12"	1"	9	6 1/4"	10	4.19

Universal Tube Transformers for Above

K19273	For 3" and 6" models.	Your Cost	44c
K19274	For 8" model.	Your Cost	59c
K19275	For 10" and 12" models.	Your Cost	73c

Balanced Armature Magnetics



Employ powerful magnets and balanced armatures. Sensitive and will handle more power than others of similar size. Maintain adjustments indefinitely. Available in chassis form or in walnut finished cabinets having front and back grilles and 6-ft. flexible cord.



Speaker Chassis Only

Stock No.	Diam.	Your Cost
K19121	3"	\$0.98
K19230	5"	.96
K19199	6 1/2"	1.33
K19119	8 1/2"	1.65

Speakers in Cabinets

Stock No.	Diam.	Your Cost
K19106	5"	\$2.98
K19107	6 1/2"	3.29
K19108	8 1/2"	3.89

Special 5" Magnetic Speaker



For replacement in a.c.-d.c. or compact midget receivers. Very sensitive; balanced armature. Pleasant, natural tone. Ruggedly constructed; plated metal frame. Wide frequency range—corrugated type cone. Shpg. wt. 3 lbs.

K19230—Your Cost, Special

96c

All-Metal Speaker Enclosure For 8" Speakers



Ideal for call systems in factories, offices, hospitals, schools, etc. The adjustable dual mounting brackets permit either wall or ceiling mounting. Case of pressed steel finished in grey shrivel. Completely weather-proof; not affected by temperature changes. Decorative mounting bolts are provided. Speaker openings are protected by perforated metal screens that are covered by attractive grill cloth. Shpg. wt. 4 lbs.

K20027—Your Cost, \$3.53

Wall Mounting Enclosure For 6" and 8" Speakers



Especially designed for use with call systems, in restaurants, or dance hall installations, etc. Constructed of wood with fabricoid covering. Inclined baffle permits directing sound at an angle, up or down. For use indoors only. Shpg. wt. 3 lbs.

K20041—For 6" speakers. 8 1/2" high, 7 1/2" wide, 4 1/4" deep. Your Cost Each \$1.60

K20042—For 8" speakers. 10 1/2" high, 9" wide, 6 1/2" deep. Your Cost Each \$1.90

Universal 3 1/2-Watt Dynamics



A line of high quality dynamic speakers furnished with both universal field coil and universal transformer. Field resistance: 2500, 2200, 1800, 1800 tapped at 300, 1500, 1000 and 700 ohms. Output transformer matches any type output tubes, single or p.p. Voice coil impedance 5.3 ohms at 400 c.p.s.

No.	Diam.	Wt. Lbs.	Your Cost
K19159	6"	5	\$3.53
K19160	8"	6	4.12
K19158	10"	7	4.70
K19147	12"	9	5.67

Wright De Coster SPEAKERS

"NOKOIL" PM Speakers 3 1/2-Watts

For use wherever good all-around results are desired. Utilize new high permeability magnetic alloy—comparable to equal electro-dynamic speakers. All have cadmium plated steel frames. Excellent frequency characteristics. K19359 has transformer to match tubes such as the 45, 47, 2A5, 43, etc.

No.	Diam.	Transformer	Shpg. Wt.	Your Cost
K19359	5"	4000-7000 Ohms	3 lbs.	\$3.06
K19140	6"	Universal Tube	4 lbs.	3.56
K19360	6"	500-1000-1500 Ohms	4 lbs.	3.56
K19141	8"	Universal Tube	5 lbs.	3.91
K19365	8"	500-1000-1500 Ohms	5 lbs.	3.91
K19366	10"	Universal Tube	6 lbs.	4.70
K19367	10"	500-1000-1500 Ohms	6 lbs.	4.70

12" PM Speakers

Powerful PM speakers ideal for light P.A. duty or for radio receivers. Have parabolic diaphragms, plated steel frames. Furnished with universal transformers to match any tubes, single or p.p., or any line. Average shpg. wt. 10 lbs. each.

Stock No.	Type	Cap. Trans.	Watts	Your Cost
K19368	Univ. Tube	8	8	\$8.17
K19369	Univ. Line	8	8	
K19370	Univ. Tube	15	15	\$12.99
K19371	Univ. Line	15	15	

We Will Not Knowingly Be Undersold

PUBLIC ADDRESS *and* HIGH-FIDELITY SPEAKERS

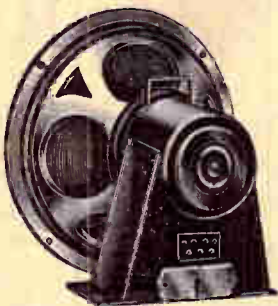
LAFAYETTE 12" Concert Dynamics

Ideally suited for public address work. Will handle 12 watts continuously, 18 watts peak. Excellent response from 60 to 8,000 c.p.s. (with proper baffling). Pressed paper cone with large voice coil and 3-point spider suspension. 1 1/4" voice coil impedance 8 ohms at 400 c.p.s. Heavy steel frame, black enamel finish. Terminal strip on back, fully shielded. Recommended field current 12 watts. All less transformer. Wt. 25 lbs.

K19236—With 1000 ohm field.
K19237—With 2500 ohm field.
K19238—With 5000 ohm field.

Your Cost Each **\$5.75**
Any Type

Special a.c. model, using type 80 rectifier. Less tube. **\$8.75**
K19239—Your Cost



LAFAYETTE 12" PM Dynamics

These highly efficient PM speakers utilize the latest type magnets to insure extremely fine quality. Will handle great audio output without distortion; in listing below, first number indicates normal wattage rating, second number peak wattage (10-15 watts means 10 watts normal, 15 watts peak). Frequency response covers the entire audible range. Construction features include: plated metal frames, ruggedly assembled; dust-proof magnets covered by removable pressed fibre housings. Ideal for P.A. systems, fine radios, centralized systems, etc. Less transformers.



10-15 WATT SPEAKER—12"
K19223—1" diam. voice coil, imp. 6-8 ohms. 12 oz. magnet. With univ. line transformer. Wt. 7 lbs. **\$4.39**
Your Cost Each

12-18 WATT SPEAKER—12"
K19227—1" diam. voice coil, impedance 6-8 ohms. 20 ounce magnet. Less transformer. Shpg. wt. 9 lbs. **\$6.67**
Your Cost Each

18-25 WATT SPEAKER—12"
K19228—1 1/4" voice coil, 6-8 ohms impedance. 31 ounce magnet. Less transformer. Shpg. wt. 11 lbs. **\$7.86**
Your Cost Each

20-25 WATT SPEAKER—12"
K19224—1 1/4" voice coil, 6-8 ohms impedance. 46 ounce magnet for high conversion efficiency. Shpg. wt. 13 lbs. **\$10.13**
Your Cost Each, Less Transformer

30-40 WATT SPEAKER—12"
K19218—1 1/2" diam. voice coil, impedance 6-8 ohms. 112 ounce magnet. Most powerful of its type. Response 50-8000 c.p.s. Shpg. wt. 15 lbs. Less transformer. **\$15.72**
Your Cost Each

LAFAYETTE Concert Dynamics Less Base

Identical with the units listed above, but do not have the metal stand-base. Field coils protected by metal housings. Lug terminals for voice coil and field connections. All furnished less transformer (suitable transformers listed below). Shpg. wt., each, 21 lbs. Each

K19213—With 1000 ohm field **\$5.45**
K19214—With 2500 ohm field
K19215—With 5000 ohm field

NOTE: Above speakers are built by the largest speaker manufacturers to Lafayette specifications.

Universal Line and Tube Transformers

For use with all Lafayette 12" PM and dynamic speakers listed on this page, with the exception of the 20-25 watt and 30-40 watt PM speakers (see listing at right). Universal tube type matches voice coil to any tube, single or p.p.; Universal line transformer matches voice coil to 500, 1000, 1500 or 2000 ohm line. Shpg. wt. 3 lbs.

K19225—Universal Tube Transformer **66¢**
K19226—Universal Line Transformer

Universal Line Transformers For 20-25 and 30-40 Watt PM Speakers

K19216—Universal line (500, 1000, 1500, 2000 ohms).
K19217—Adjustable Impedance Line, 3800, 5000 and 6000 ohms for every possible combination of 6L6 tubes. **88¢**
Your Cost Each, Either Type

PM Speaker Cable



Especially suitable for use in p.a. installations where PM speakers are used. Waterproof and low

abrasion factor. 18 gauge. **1 1/2¢**
K20920—Your Cost, Per Foot.
100 Feet For **\$1.24**

Celotex Speaker Baffles

We will supply baffles with any size hole, to your specifications, at no additional cost. Specify hole size desired when ordering.

1/2" Thick	Size	Hole	1 1/2" Thick
K19714	25c	12x12"	K19793
K19715	55c	18x18"	K19794
K19716	92c	24x24"	K19795
K19717	1.95	36x36"	K19796
K19718	3.25	48x48"	K19797
		48x72"	K19799
		None	
		None	

Rubber Covered 4-Wire Cable

Ideal for speakers. Heavy rubber cover. Hemp-wrapping over each conductor. Will stand up under most severe conditions of use. Conductors color coded. Shpg. wt. 6 lbs. per 50 ft. **4 1/2¢**
K16154—Per Foot
100 Ft. For **\$3.98**



CINAUDAGRAPH Air-Column Units and Horns



These new, high-quality air-column units are designed for maximum efficiency for outdoor and indoor use. The units are specially designed "Magic Magnet" speakers that provide a new high in efficiency, power-handling capacity and low cost. The horns are of spun aluminum, in two sections that are easily bolted together. A special handle-bracket is available.

MODEL FYA UNIT—8"
Handles a steady power input of 15 watts; surges up to 20 watts. Diameter 8", depth 5". 1 1/2" diameter voice coil; impedance 8 ohms. Less Transformer. Shpg. wt. 11 lbs. List \$31.00.
K19385—
Your Cost **\$18.23**

MODEL HWA UNIT—10"
Handles a steady power input of 25 watts; surges up to 30 watts. Diameter 10", depth 6 3/4". 2 1/2" diameter voice coil; impedance 8 ohms. Less Transformer. Shpg. wt. 35 lbs. List \$70.00.
K19386—
Your Cost **\$41.16**

MODEL SUA UNIT—10"
Handles a steady power input of 30 watts; surges up to 40 watts. Diameter 10", depth 6". 3 1/2" diameter voice coil; impedance 8 ohms. Less Transformer. Shpg. wt. 42 lbs. List \$92.50.
K19387—
Your Cost **\$53.80**

Exponential Horns
Model HU—For use with IWA or SUA. 24" bell, 20" air column. Wt. 4 lbs.
K20090—Each **\$14.41**
Model FX—For use with FYA unit. 24" bell, 28" air column. Shpg. wt. 5 lbs.
K20089—Each **\$18.81**
Model SW—For use with HWA or SUA units, 32" bell, 30" column. Shpg. wt. 6 lbs.
K20091—Each **\$31.16**

Handle and Support Bracket
To suspend from overhead or on metal speaker poles.
Model FXA—For FYA unit. Shpg. wt. 4 lbs. **\$2.06**
K19388—Each
Model HUA—For HWA unit. Shpg. wt. 5 lbs. **\$2.65**
K19389—Each
Model SWA—For SUA unit. Shpg. wt. 6 lbs. **\$3.38**
K19390—Each
Model FHS—Floor Stand. Shpg. wt. 16 lbs. **\$10.29**
K20204—Each

CINAUDAGRAPH "Magic Magnet" Reproducers



Cinaudagraph speakers feature: polyfibrous cone material; voice coil on a quartz cylinder; Niper-mag magnets; no hum; extremely wide frequency response.



Model HA 5-8-5"
Power capacity 3 to 6 watts. Voice coil diam. 3/4", impedance 6 ohms. Wt. 3 lbs.
K19376—Your Cost. **\$2.94**

Model MA 6-8-6"
Power capacity 4 to 8 watts. Voice coil diam. 1", impedance 6 ohms. Shpg. wt. 3 lbs.
K19377—Your Cost. **\$3.09**

Model EZ 8-7-8"
Power capacity 5 to 8 watts. Resonance freq. 110-150 c.p.s. Voice coil 1" diam., impedance 6 ohms. Shpg. wt. 4 lbs.
K19378—Your Cost. **\$4.41**

Model EZ 8-10-8"
Same as above, but with larger magnet. Wt. 5 lbs.
K19379—Each **\$6.17**

Model NZ 10-7-10"
Power capacity 8 to 10 watts. Resonance freq. 80-110 c.p.s. Voice coil 1" diam., impedance 6 ohms. Shpg. wt. 5 lbs.
K19380—Your Cost. **\$5.29**

Model NZ 10-10-10"
Same as NZ 10-7, but with larger magnet. Wt. 6 lbs. **\$7.20**
K19381—Each

Model FB 12-11-12"
Power capacity 12 to 18 watts. Resonance freq. 70-90 c.p.s. Voice coil 1 1/4" diam., impedance 6 ohms. Shpg. wt. 9 lbs.
K19391—Each **\$10.88**

Model FY 12-12-12"
Power capacity 15 to 18 watts. Resonance freq. 60-80 c.p.s. Voice coil 1 1/2" diam., impedance 6 ohms. Shpg. wt. 11 lbs.
K19382—
Your Cost **\$16.17**

Model DU 18-12-18"
Power capacity 25 to 35 watts. Resonance freq. 30-50 c.p.s. Voice coil 3 1/2" diam., impedance 8 ohms. Shpg. wt. 78 lbs.
K19384—
Your Cost **\$58.50**

All models listed here supplied less input transformer.

SPEAKER REPLACEMENT PARTS

EXACT DUPLICATE REPLACEMENT CONES FOR STANDARD SPEAKERS

Stock No.	Description	Size	Your Cost
K19506	Ariston Model A.....	5"	\$0.75
K19555	Airline 62-198, 62-475...	5"	.80
K19558	Airline 62-178, 62-177, 62-196, 62-316.....	6 1/2"	1.05
K19559	Airline 62-286, 62-268.....	6 1/2"	.80
K19558†	Arvin 20A, 20, 25.....	6 1/2"	1.05
K19555†	Arvin 18.....	5"	.80
K19565	Arvin 467.....	5"	.80
K19756	Atwater-Kent 666.....	6 1/2"	1.05
K19501	Atwater-Kent F-4 Speaker Part No. 15142, for Models 43, 46, 55, 60, 66, 67.....	10 1/4"	1.32
K19782	Same as above but for F-2 Speaker, Part No. 14374.....	10 1/4"	1.32
K19502	A-K 80, 84, O, Q, 246, 626, 736, 856.....	8 1/2"	1.18
K19507	A-K 711, 112, 511, 810, Part No. 26243.....	10 1/4"	1.32
K19559†	Belmont 668, 690.....	5 1/2"	.80
K19511	Bosch 505, 501, 634A, 640.....	6 1/2"	1.05
K19577	Bosch 5A, 39A.....	7 1/2"	1.05
K19505	Bosch 48, 58.....	9 1/2"	1.62
K19512	Bosch 7, R9, 36A, 286, 239, 812CK.....	7"	1.05
K19614	Brunswick D, 11, 12.....	9"	1.47
K19559†	Chevrolet 985200.....	5 1/2"	.80
K19619†	Chevrolet 985301.....	5 1/2"	.80
K19573†	Chevrolet 985253.....	5 1/2"	.80
K19558	Colonial 164.....	6 1/2"	1.05
K19574	Colonial 33, LL18.....	12"	1.70
K19525	Claron 220, 260, 470.....	6 1/2"	1.32
K19513	Crosley 159.....	6 1/2"	1.05
K19514	Crosley 167-103.....	6 1/2"	.80
K19617	Crosley M45-40S.....	8 1/2"	1.47
K19523	Crosley 615.....	5 1/2"	.80
K19619†	Delco 631-A, 640-4099.....	5 1/2"	.80
K19594†	Delco 623-633, 1106-3206.....	8 1/2"	1.01
K19555	Emerson K123.....	5 1/2"	.80
K19619	Emerson 107.....	5 1/2"	.80
K19580	Fada 15, 25, 32 Deep.....	8 1/2"	1.62
K19583	Fada KU45, 65, 422, 42.....	10 1/4"	1.54
K19544	General Electric E Series 26, 68, 81, 86, 105, 76.....	12"	1.18
K19545	General Electric E61.....	8"	.75
K19560	G.E. A64, A65, 55, A70.....	8"	.75
K19697	G.E. A52, A63, A62.....	8 1/2"	.59
K19575†	General Motors 544267.....	6 1/2"	1.01
K19705	Grunow 800 Speaker 6B.....	6 1/2"	1.18
K19699	Grunow 566 Speaker 8BG-1-1.....	8"	1.32
K19700	Grunow 680, 581, 588, 589, 640, 680 (Speaker 6BG1-6).....	6"	1.03
K19558	Howard 4400A.....	8 1/2"	1.05
K19701	Jensen PM12C.....	12"	1.81
K19570	Jensen Series R.....	5"	.88
K19519	Jensen D7, D8.....	11 1/4"	1.82
K19578	Jensen T3.....	5 1/2"	.82
K19645	Jensen D9 Inside Spider.....	11 1/4"	1.72
K19551	Jensen D16.....	8"	1.32
K19584	Jensen G6R.....	6"	1.03
K19590	Jensen X12-1 1/2" V.C.....	12"	1.82
K19598	Jensen X12-1" V.C.....	12"	1.82
K19641	Jensen A12.....	12"	1.82
K19643	Jensen PM8D.....	8"	1.32
K19526	Magnavox D7, D8, D90, 100.....	8 1/2"	1.62
K19536	Magnavox 154D, 158, 168, 2 pt.....	8"	1.47
K19530	Majestic G1.....	9"	.97
K19531	Majestic G2.....	9"	.97
K19532	Majestic G3.....	10"	1.32
K19646	Majestic G6-G7.....	9 1/2"	1.47
K19533	Majestic G5, G8, G9.....	12"	1.71
K19626	Majestic G10B, C, D, E.....	7 1/2"	1.18
K19654	Majestic G26A, C.....	5"	.85
K19658	Majestic G19A, B, F, G, 10.....	130	1.30
K19503†	Motorola 34 (Quam).....	5"	.88
K19504†	Motorola 44 (Utah 50).....	5"	.88

Stock No.	Description	Size	Your Cost
K19536†	Motorola Twin 8-100.....	8"	\$1.47
K19517†	Motorola 80.....	8"	1.32
K19536†	Oldsmobile 405082.....	8"	1.47
K19702	Operadio P4.....	12"	1.82
K19558	Operadio 2 pt. Spider.....	6 1/2"	1.03
K19555	Operadio M6.....	5"	.88
K19659	Operadio 06Z.....	5"	.82
K19667	Operadio Inside Spider.....	8"	1.18
K19669	Oxford 5A-2 pt. Spider.....	5"	.73
K19547	Philco No. 02996-3, 20, 21, 46, 70, 90, 470, 490.....	8 1/2"	.73
K19552	Philco No. 02861-5, 43, 60, 80, 81, 52.....	5 1/2"	.59
K19400	Philco No. 36-3170-40, 41, 42, 65, 76, 87, 90, 95, 96, 111, 112.....	10 1/2"	.82
K19671	Philco No. 36-3169-6, 7, 8, 9, 10, 12, 14, 16, 19, 43, 47, 71, 89, 91.....	7 1/2"	.59
K19681	Philco No. 36-3014-38, 60, 620.....	7 1/2"	.59
K19706†	Philco 805.....	6 1/2"	.59
K19682	Philco No. 36-3029-54, 57.....	6 1/2"	.59
K19683	Philco No. 36-3000-53.....	6 1/2"	.59
K19703†	Philco 816, FT-9.....	6 1/2"	.59
K19704	Philco F1540-CBA, P14, P15, P13ZP.....	6"	.59
K19619†	Ford 1938.....	5"	.80
K19403*	RCA 34, 35, 39, 50, 55, 59, 80, 82, 86, RE20, RE59, RAE79.....	10 1/4"	1.18
K19404*	RCA R6, 7, 8, 9, 10, 11, 12, RE-18, RE-19, 21, 14, 15, 17, 42, 48.....	10 1/4"	.88
K19405*	RCA R32, 52, RE45, RE75.....	9"	1.18
K19406*	RCA R28, 28P, RE40, R22, 100, 101, 110, 111, 114, 115, M34-M105.....	5"	.59
K19407*	RCA R5, R5X, R5 d.c.....	7 1/2"	.60
K19410*	RCA R37, 38, 37P, 38P, 112, 120, 121, 122, 142B, 241B, 310.....	6 1/2"	.59
K19209*	RCA 100A Speaker (mag.).....	9"	.59
K19210*	RCA 100B, 103 Speakers.....	9"	.59
K19495*	RCA C11-1, C13-2, C15-3, 12.....	12"	.95
K19496*	RCA SWA3, R24, R71, R71B.....	7 1/2"	.73
K19497*	RCA R70, R73, R74, R75, R76, R77, RE81, 128, 128E, 210, 211, 221, 223, 224, 24E, 322, 322E.....	10 1/4"	.59
K19589	Rola F-4.....	5"	.82
K19640	Rola F-5.....	6 1/2"	1.03
K19648	Rola F-6, F-8.....	7 1/2"	1.18
K19588	Rola G12.....	12"	1.82
K19594	Rola DP5.....	6 1/2"	1.03
K19687	Rola DP4.....	5"	.88
K19688	Rola T6DP.....	6 1/2"	1.47
K19689	Rola K8.....	8 1/2"	1.32
K19690	Stewart Warner R206, R207, 204A, 102A, 104A.....	8"	1.47
K19597	St-W. 200A, 950 Series 2 pt. Spider.....	9"	1.62
K19550	Same as above 3 pt. Spider.....	9"	1.62
K19691	S-W R123, 224, 118, 116.....	9"	1.03
K19692	S-W R282, R181.....	6 1/2"	1.18
K19693	Utah 219B.....	5"	.88
K19695	Utah 12B (16 ohm v.c.).....	12"	1.82
K19756	Utah 6L.....	6 1/2"	1.03
K19619†	United Motors 985200.....	6 1/2"	.88
K19508	U.S.-Apex-Gloritone 26A (Speaker 2467).....	7 1/2"	1.18
K19510	U.S.-Apex-Gloritone 27 (Speaker 1936).....	8 1/2"	1.32
K19559†	Wells Gardner 6L.....	6 1/2"	.88
K19571	Victor RE32, 45, 75, 52.....	9"	.95
K19574	Zenith 50, 52, 72, LL-18.....	12 1/4"	1.70
K19517	Zenith 6552.....	8"	1.32
K19558	Zenith 808, 809, 805, 845, 829, 5S, 529A.....	6 1/2"	1.03

*-Means genuine RCA-Victor part.
†-Cones for auto radio sets.

Universal Field Coils



Heavy duty universal field coils for use with the larger speakers. Wound with two equal sections from which four leads are brought out.

Windings may be connected in series or in parallel to obtain desired resistance; in either case, all of the wire is used and no reduction in field dissipation results. Great care should be taken when ordering. Maximum variation in dimensions should not be greater than 1/4". Complete installation instructions and directions supplied. Reducing bushings and washers furnished.

Replacement Resistance Range

Code	Nominal	Parallel	Series
A	418.7-1675	375-460	1500-1800
B	625-2500	560-690	2250-2750
C	750-3000	675-825	2700-3300
D	1000-4000	900-1100	3600-4400
E	1250-5000	1125-1375	4500-5500

K19421-1 1/4" hole, 2 1/4" O.D., 1" high.
K19422-1 1/2" hole, 2 1/2" O.D., 1" high.
K19423-1" hole, 2 1/2" O.D., 1" high.
K19424-1" hole, 2" O.D., 1 1/4" high.
Your Cost Each, **\$1.82**

NOTE: When ordering, be sure to give both catalog number and code letter.

Replacement Field Coils



Exact duplicate replacement speaker Field Coils for standard speakers. We can supply any special or standard field on special order. Give all information on order.

Stock No.	Set or Speaker	Ohms	Your Cost
K19686	Crosley Model 57, 58, 59, 269.....	10000	\$2.20
K19429	Jensen D7, D8.....	1500	2.50
K19436	Jensen D9, D15.....	2500	1.47
K19694	Lyric 9".....	5000	4.12
K19446	Majestic G1.....	3100	3.15
K19447	Majestic G2.....	2730	3.15
K19657	Majestic G4, G5.....	7650	3.75
K19678	Majestic G3.....	2750	4.41
K19463	Majestic G19F, G19G.....	710	1.59
K19458	Philco 20, 21 (2768).....	3100	1.18
K19456	Philco 65, 76, 77, 86, 87, 95, 96, 111 (2850).....	3200	2.65
K19753	RCA R4.....	1900	.79
K19411	Rola F4.....	3000	1.10
K19474	Rola F6, F8, K7, K9.....	1800	1.40
K19475	Rola F6, F8, K7, K9.....	2500	1.75
K19679	Stewart-Warner 950.....	10000	3.95
K19484	Temple All Models.....	2250	3.45
K19466	Utah Little Giant.....	2500	1.95
K19486	Victor RE32, 45, 75.....	3000	2.79

APEX-Gloritone Field Coil



For chassis 26. 11500 ohms tapped at 9040 ohms. Also used in U. S. Radio and Montgomery Ward sets.

K19450-2 1/2" dia., 1 1/2" deep, 1 1/2" hole. Your Cost, **\$1.39**
K19655-2 1/2" dia., 1" deep, 1 1/2" hole.
K19656-2 1/2" dia., 1 1/2" deep, 1" hole.
Shpg. wt. 2 lbs. Your Cost, Any Type, **\$1.45**

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.



K19499- Your Cost, **\$3.45**

100 V. 60 Cycle A.C. Field Supply



Delivers 9 watts into 2500 ohms. Uses 25Z5 rectifier. Metal chassis, 8 1/2" x 2 1/2" x 1", has line switch.

Shpg. wt. 4 lbs. Less Tube, **\$2.94**
K19162-Each.

SPEAKER CEMENT

For speaker cones and voice coils. Dries rapidly. To be applied with a fine brush. In sealed metal tubes.

K19239-1 1/4" Tube, Your Cost Each, **6¢**
K19240-3/4" Tube, Your Cost Each, **10¢**



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". Take care of all speakers.

K19649- Your Cost, **\$3.36**
Kit of 16.....

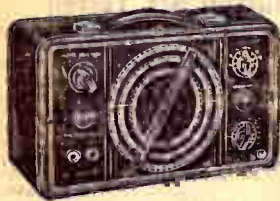




RCA Test INSTRUMENTS



A.C. TEST OSCILLATOR No. 153



A compact test oscillator for servicing the most complex of receivers, operating on 110-120 volts 50/60 cycles a.c. Giant 8" dial, over 50° in length, easy to read, h.f. range covers 10". Range: 100-30,000 kc. (3000 to 10 meters) in 6 bands. Dial calibrated in frequency, accurate within 2%. R.F. output 2 microvolts minimum, and .01/26/1 volt maximum. Output impedances 10/750/4000 ohms. Frequency modulator jack provided for use with sweep condenser for visual i.f. alignment. 1 ampere fuse protection. Uses 5W4, 6C6, 6K8. In blue-grey wrinkle lacquer case with special snap handle and large soft, rubber feet. Size: 13 1/4 x 9 1/4 x 6 1/4". Shpg. wt. 15 lbs.

K21448—Your Cost..... \$29.95

3-Inch Cathode Ray Oscilloscope



RCA's newest and finest general purpose 3-inch oscilloscope. Uses new 906 tube with high-sensitivity Aquadard screen coating. All controls on front panel, easily adjustable bar type. 20 volts (RMS) per inch deflection, without amplifier, 0.5 volt per inch (RMS) with amplifier. Amplifier response flat from 20-90,000 cycles. Amplifier gain 40. Timing axis, 15-22,000 cycles. Attractive new styling, more flexible electrical design make this an exceptional 3-inch scope. 50 watts input power. For use on 110 volts 50/60 cycles a.c. Finished in blue-grey baked wrinkle lacquer case, 15x8x14". Copper plated chassis and inside panel and cabinet. Shpg. wt. 23 lbs.

K21447—Your Cost, with all Tubes \$63.95

Electronic Sweep-Test Oscillator No. 150



Offers every important feature for servicing all radio receivers. Has its own internal frequency modulator for oscilloscope alignment, if desired, or with an output indicator or meter. Frequency range 90-32,000 kc. (9.4 to 3300 meters) on fundamental frequencies only—6 ranges. Internal 400 cycles, or external amplitude modulation. High r.f. output—0.25 volts; negligible leakage; 3-step attenuator plus continuously variable control. Indirectly illuminated 4" dial with two ratios, 2:1 and 5:1. All bands are individually calibrated. Uses: 6A7, 6F7, 2-6C6 and an 80. Steel cabinet, 13 1/4 x 9 1/4 x 7 1/4", finished in grey wrinkle lacquer with nickel trimming, reverse etched nickel-silver panel—large, soft rubber feet. For 110 volts, 50/60 cycles a.c. Shpg. wt. 19 lbs.

K21547—Your Cost, with Tubes \$64.50

Piezo-Electric Calibrator

Calibrates receivers, test oscillators and laboratory apparatus. A properly ground and accurately calibrated crystal oscillator. Check frequencies from 100 kc. to 20,000 kc. in 100 kc. steps; 100 kc. to 50,000 kc. in 1000 kc. steps. Each has innumerable usable harmonics. Guaranteed accuracy .05%. Provision for unmodulated operation. Uses 955 acorn tube. In Bakelite case, 5 1/2 x 3 1/4 x 2 1/4". Shpg. wt. 4 lbs.

K21452—Your Cost, with Tube \$29.95



RADIO TUBE TESTER No. 156

Amazingly simple to operate. All settings indicated by simplified roller. One finger operation, buttons released or retained automatically. Tests every standard type tube and all ballast tubes; tests Magic Eye tubes for brilliance and size of opening; test voltage drop on all gas tubes; tests separate sections of multi-element tubes. All tests according to RMA standard s. Easily read figures on roll chart show proper buttons to use. Line voltage adjustment. Makes short, leakage and all important tests. Housed in an attractive wrinkle lacquer cabinet with sloping panel. Size: 13 1/4 x 5 1/4 x 8" high. Portable model with cover and snap-on handle available. Shpg. wt. 18 lbs.



K21445—Counter Model 156. Your Cost..... \$37.95
K21446—Portable Model 156-A. Your Cost..... \$39.95

2" C-R Oscilloscope

Uses the new RCA 902 2-inch tube, provides every important feature. All controls on front panel. High gain amplifiers for vertical and horizontal deflection. High sensitivity—0.5 volts (RMS) per inch of deflection. Have flat response curves from 30 to 10,000 c.p.s. Features built-in saw-tooth oscillation. Sturdy cabinet finished in grey wrinkle lacquer. Uses: 902, 885, 2-6C6s, 1-80. Size: 13 1/4 x 9 1/4 x 7 1/4". Shpg. wt. 16 lbs.



K21444—For 110 volts, 50/60 cycles a.c. Your Cost, with Tubes \$49.95
K21548—Model 151. Similar to above but with 913, 1-inch cathode-ray tube. Shpg. wt. 16 lbs. Your Cost, with Tubes \$39.95

Beat Frequency Audio Oscillator No. 154

Gives a variable frequency source of alternating current voltage from 30 to 15,000 cycles. Excellent for testing loudspeakers, PA systems, running fidelity curves on receivers, etc. Choice of 3 output impedances. Output frequency 30-15,000 c.p.s. 1 db from 30 to 10,000 cycles, down 2 db at 15,000. Output voltage; open circuit 37.5 volts; 5000 ohm load, 25 volts; 500 ohm load, 7.5 volts; 250 ohm load, 5.2 volts. Power output 125 milliwatts. Hum level, minus 60 db below maximum output. Distortion, less than 5% rms over entire range. 0.5 ampere fuse protection. In attractive grey wrinkle finish cabinet. Size: 9 1/2 x 13 1/4 x 6 1/4". For use on 110 volts, 50/60 cycles a.c. Uses: 6J7, 6K7, 6C6, 6J5. Wt. 17 lbs.



K21443—Your Cost, with Tubes \$49.95

"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 5 1/2 x 2 1/4 x 2 1/4". Complete operating instructions furnished. Shpg. wt. 3 lbs.



K10595—Your Cost \$4.00

DU MONT 3" OSCILLOGRAPH



Meets all requirements of the service engineer and the amateur. Employs the new 34-XH cathode ray tube with electrostatic deflection plates and a full 3" screen; it has a sensitivity of .38 mm/volt and is interchangeable with the type 906. Amplified sweep consists of a type 885 tube used as saw-tooth wave generator; amplification obtained with a 6C6. Separately controlled horizontal amplifier provides a gain of 40 and vertical amplifier a gain of 70 between 15 and 30,000 cycles. Provision for applying signals direct to deflection plates is made at rear of unit. Two power supplies are used, delivering 1125 and 415 volts. A removable calibrated scale is supplied for accurate determinations. Size: 11 1/2 x 7 1/4 x 13".

With this 'scope you can align receivers by resonance curves; check overall frequency response; locate hum, causes of audio distortion; adjust transmitters, etc., etc. Model 164 Du Mont 3" Oscillograph complete with tubes, accessories, instructions. 110 v. 50/60 cycles a.c. Wt. 25 lbs.
K21557—Your Cost..... \$53.31



Du Mont Cathode Ray Tubes

Electron lens focus type, interchangeable with corresponding types.

Type	Screen Size	Length	Your Cost
24-XH	2"	7 3/4"	\$ 7.50
34-XH	3"	11 1/4"	15.00
54-XH	5"	15 1/2"	35.00

DU MONT 5" OSCILLOGRAPH

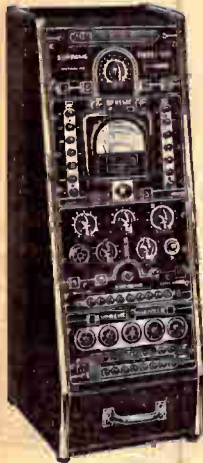
A new oscillograph employing a 5 inch type 54-XH Du Mont cathode ray tube. The high gain, wide frequency range amplifiers with high input impedance makes it an ideal 'scope for the engineer and experimenter. Separate power supplies for the cathode ray tube and the amplifier circuits eliminate interaction between controls of the unit. Switch arrangements permit vertical deflection through one or two stages of amplification; gain through one is 70, through two, 450. Horizontal amplifier has a gain of fifty; both amplifiers have flat frequency response from 15 c.p.s. to high in the r.f. range. Internal or external positive synchronization controlled by front panel switch. Removable calibrated screen. Uses 2-6C6's, 1-76, 1-885, 2-80's, 1-54-XH.



Power supplies deliver 1125 and 415 volts, assuring brilliant pattern. Size: 14x8x15 1/4". Du Mont Type 168, 5" oscilloscope complete with all tubes, accessories and instructions.
K21585—For 110 v. 50/60 cycles a.c. Shpg. wt. 35 lbs. Your Cost \$114.17 Complete.....

SUPREME Testing EQUIPMENT

NEW! 4-UNIT "SPEED-LAB-RACK"



Mount your new Supreme Speed Instruments in the new Supreme Speed-Lab-Rack. Beautiful baked enamel finish and chrome trim add that professional touch. And, best of all, the cost is so low that anyone can own it. Designed to hold the four new models: 592 Set Tester, 593 Analyzer, 594 Tube Tester and 596 Substitution Box. You can start with any combination you want, using blank panels until you have the complete outfit. Occupies less than 1 square foot of bench space. Rack is built of heavy gauge metal, and includes a bottom drawer designed to hold cables, plugs and other accessories. Rack dimensions: 25 1/2" high, 9 1/2" wide, 11" deep. Speed-Lab-Rack complete with Models 592, 593, 594 and 596 Supreme Speed instruments (as illustrated). Shpg. wt. 32 lbs.

K2165—Your Cost, \$89.42
 On Time: \$8.36 down, \$8.36 per month for 11 months.

Speed-Lab-Rack only, less instruments, with blank panels. Wt. 16 lbs. **\$9.80**
K2166—Your Cost, \$9.80
 Small blank panel 8 1/2"x4 1/2" **34¢**
K2167—Your Cost Each, 34¢
 Large blank panel 8 1/2"x6 1/2" **49¢**
K2168—Your Cost Each, 49¢

Two and Three Unit Combinations



Shown at right. Includes the Model 592 Push-Button Set Tester and the Model 593 Push-Button Analyzer. Housed in a portable oak case and furnished complete with all plugs, cables, instructions, etc. **K21619—Wt. 16 lbs.**
Your \$54.39
 Cost...
On Time: \$5.09 down, \$5.09 per month for 11 months.



592-593-594 Portable Laboratory

Similar to above, but includes the Model 594 Tube Tester. With this combination, the serviceman can fulfill practically every service test requirement. In handsome portable oak case complete with plugs, cables, instructions, etc. Shpg. wt. 23 lbs. **\$78.00**
K21620—Your Cost, Complete, \$78.00
On Time: \$7.30 down, \$7.30 per month for 11 months.

Model 546 3" Oscilloscope



Laboratory type oscilloscope for all radio, P.A. and television testing. Produces single or double image alignment patterns. Focusing and intensity controls, horizontal and vertical spot centering controls. Amplifiers for both horizontal and vertical deflecting plates with graduated gain controls. Linear amplifier response from 15 to 90,000 c.p.s. Linear saw-tooth oscillator zero to over 30,000 cycles in 7 steps with vernier control for frequency observation to about 500,000 cycles. "Snap-lock" synchronizing circuit. Oak case 7 1/2"x11 1/2"x13 1/2". For 110 v., 50/60 cycles a.c. Shpg. wt. 25 lbs. **\$58.75**
K21598—Complete, Your Cost, \$58.75
On Time: \$5.50 down, \$5.50 per month for 11 months.

Model 535 2" Oscilloscope

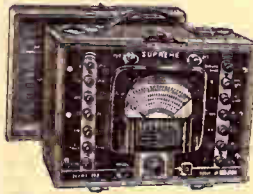


A compact, highly efficient oscilloscope employing a 2" cathode ray tube. Has all the features described in the model 546 listed above. All controls on front panel. Operation is unusually simple and convenient. Furnished complete with calibrated resonance screen, 2" cathode ray tube, 2-6J7 amplifier tubes, 1-885 sweep oscillator and 574 rectifier. Complete with all accessories and instructions. Double fused line cord. Bronze panel, oak case 11 1/2"x7 1/2"x9 1/2". For 110/130 volts, 50/60 cycles a.c. Shpg. wt. 20 lbs. **\$48.95**
K21553—Your Cost, Complete, \$48.95
On Time: \$4.99 down, \$4.99 per month for 10 months.

Model 530 2" Oscilloscope

Similar to model 535, but does not include sweep oscillator and horizontal amplifier. Case 9 1/2"x6 1/2"x8 1/2". Shpg. wt. 20 lbs. **\$29.35**
K21552—Your Cost, Complete, \$29.35
On Time: \$4.71 down, \$4.71 per month for 6 months.

Model 592 Push-Button Set Tester



New push-button switching circuit gives a total of 47 RANGES with two d.c. volts sensitivities: both 1000 and 25000 ohms per volt in the same instrument. Following meter ranges provided: d.c. current from 0/70 microamperes /0.7 mils. /7.0 mils. /35 mils. /140 mils. /350 mils. /1.4 amps. /14 amps.; d.c. volts at either 1000 or 25,000 ohms per volt 0/3.5/7/35/140/350/700/1400; a.c. volts 0/3.5/7/35/140/350/700/1400; resistance (ohms) from 0/500/5000/50,000/500,000/5 meg./50 meg.; five

decibel ranges from minus ten to plus 46 db to check the power output of any P.A. amplifier. Push-button connects condenser in series with all a.c. voltage ranges for use as output meter. Only two pin jacks for all functions. Shpg. wt. 10 lbs. **\$36.75**
K21609—Model 592, Less Case, Your Cost, \$36.75
On Time: \$4.12 down, \$4.12 per month for 9 months.
K21610—Oak Case for above, Your Cost, \$3.43

Model 594 Tube Tester

Uses only one octal socket, but is designed to test all non-octal tubes by means of analyzer plug and cable unit or the Model 593 Push-Button Analyzer. Enables servicemen to modernize obsolete tube checkers; any separate 1 mil. meter which you now have can be used with the 594. Tests all modern type receiving tubes in four ways: for shorts; for opens; for leakages; for quality, with special tests for multi-element and full-wave rectifier tubes. Incorporates a double filament return selector. For 110 volts, 60 cycles a.c. Shpg. wt. 10 lbs.



K21613—Your Cost, Less Case, \$22.05
On Time: \$4.12 down, \$4.12 per month for 5 months.
K21610—Oak Case for above, Your Cost, \$3.43

Model 593 Push-Button Analyzer



Can be used with any multi-meter or set tester. Eliminates the need for connectors and pin jacks by utilizing modern Push-Button control. Just connect your multi-meter to the 593's two pin jacks, put the analyzer plug in the set's socket, the set's tube in the 593 and you can make voltage or resistance measurements between any two tube elements or current measurements in any tube

element circuit. Shpg. wt. 5 lbs. **\$12.25**
K21611—Model 593, Less Case, Your Cost, \$12.25
K21612—Oak Case for above, Your Cost, \$2.10

Model 596 Substitution Box

Determines proper value of resistance or capacitance. Contains variable resistor values to 50,000 ohms and fixed values of 100,000, 250,000, 500,000 and 1 megohm. Also contains condenser values of .1, .5 and 8.0 microfarads. All PUSH-BUTTON controlled. Wt. 6 lbs. **\$8.57**
K21614—Less Case, Each, \$8.57
K21612—Oak Case only, \$2.10



Model 502 DeLux Tube and Set Tester



Tests all tubes under standard RMA load conditions. Incorporates double floating filament selector circuit which permits testing of 6A5G, 6P7, 5X4G, etc., without extra sockets or adapters. "Hot" short and leakage tests between all elements. Giant 5" square English reading meter with 1000 ohms per volt sensitivity. Following meter ranges provided: a.c. and d.c. volts from 0/7/140/350/1400; resistance ohms from 0/200/2000/20,000, first division 1 ohm on low range; megohms from 0/20/20

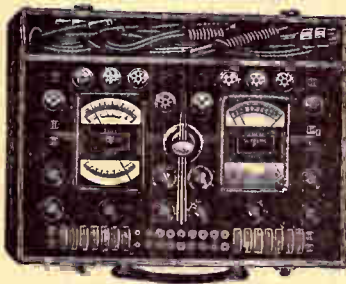
from internal power pack; meter leakage test for electrolytic condensers, neon test for all other condensers. Meter reads "Good-Bad" for electrolytics. Four output meter ranges also provided. Bronze panel, oak carrying case with handle. Furnished complete with all accessories. Case size: 10 1/2"x14 1/2"x5". For 98/130 volts, 60 cycles a.c. Shpg. wt. 20 lbs. **\$48.95**
K21551—Your Cost, \$48.95
On Time: \$5.50 down, \$5.50 per month for 9 months.

Model 502-S: Same as above, but with super-sensitive 25,000 ohms per volt meter. \$53.85
K21586—Your Cost, \$53.85
On Time: \$6.05 down, \$6.05 per month for 9 months.

SUPREME *Testing* EQUIPMENT

MODEL 585 DE LUXE DIAGNOMETER

Seven instruments in one. 46 ranges and functions. D.C. and A.C. volts: 7/35/140/350/700/1400; d.c. milliamperes: 1/7/35/140/350/700/1400; d.c. amperes 0/14; ohms: 200/2000/20,000/200,000; megohms 0/2/20 from internal power pack; decibels: -10 to +6/0 to 16/10 to 26/20 to 26/30 to 46; electrostatic mfd.: .07/-.35/1.4/3.5/7/14; electrolytic mfd.; 3.5/7/14. Six output ranges. Leakage test for all condensers. New tube tester with floating filament circuit for ALL tubes—new, old and future, including 6E5's, etc. Tests each element. Tapped transformer line for unvarying voltage. Two giant, 5 1/2 x 7 1/2" double window, illuminated Quadrimeters. Bronze panel. Oak case with handle and slip cover. Double-fused line cord. Complete accessories, simple instructions and tube test charts. For 98/125 volts, 60 cycles a.c. Size, 7 1/2 x 17 x 21 1/4". Shpg. wt. 40 lbs. **\$95.00**
K21503—Your Cost Complete.
On Time: \$8.89 down, \$8.89 per month for 11 months



Model 506-C Push-Button Tube Tester

Amazingly simple to operate. You simply spin the numerical chart until the type number of the tube comes up, then punch the buttons according to the numbers on the list. Large double scale meter reads "Good - Bad" Tester checks all tubes, including "M," "MG" and "G" types for shorts and leaks between elements on neon bulb, and for "Quality" on large English reading scale. Also checks for open circuited and loose elements. Checks magic eyes" and gas rectifiers. In beautiful metal counter case finished in brown crackle with ivory trim. For 110 volts, 60 cycles a.c. Shpg. wt. 26 lbs. **\$58.30**
K21621—Model 506-C. Your Cost.....
Model 506-P: Same as above, but in portable oak case and with single, scale meter. Shpg. wt. 21 lbs. **\$58.30**
K21622—Your Cost.....
On Time: (either model) \$5.46 down, \$5.46 per month for 11 mo.

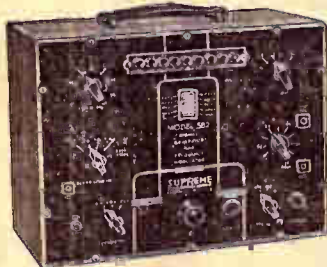


Model 570 Signal Generator



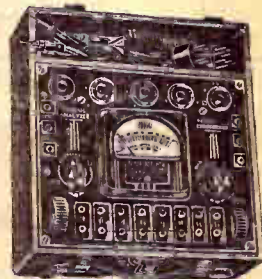
Range from 125 kc. to 60 megacycles. Five fundamentals. Two harmonic bands for greater accuracy at extreme high frequencies. Direct accurate calibration. 400 cycle linear modulation at 30% without changing r.f. calibration. Can be externally modulated. 400 cycle note available. Jack for external "wobulation". Shielded ladder-type attenuator. Will not affect a.v.c. circuits. Bronze panel; oak case 10 1/2 x 8 1/2 x 6". Complete with tubes, accessories and instructions. For 110/125 volts, 60 cycles a.c. Shpg. wt. 20 lbs. **\$31.30**
K21513—Your Cost.....
On Time: \$3.90 down, \$3.90 per month for 8 months

MODEL 582-A PUSH-BUTTON Signal Generator



Five frequency ranges from 70 kc. to 15 megacycles; the high frequency band uses the patented Supreme harmonic system, which introduces a accurate harmonics to extend the range to 60 mc. with stability that is unexcelled. The outstanding feature is the new PUSH-BUTTON tuning. Nine selected frequencies (the 6 most popular i.f.'s and the 3 most used r.f.'s) are available instantly with accuracy of 1/10 of 1%. Other features include: inductive and capacitive trimming (r.f. iron core trimmers and air tuned capacity trimmers give absolute control of calibration accuracy); 8-ft. scale eliminates jamming of calibration marks; hair-line tuning insured by means of razor-sharp light beam which illuminates only the band in use; genuine ladder type attenuator, double shielded constant impedance type for perfect attenuation down to 1/2 microvolt; two outputs, high output for rough alignment and controlled low output for final alignment and gain checking; three types of output, pure RF, RF with 400 cycle modulation or frequency modulated RF output; 400 cycle output available for A.F. testing; external modulation jack permits RF signal to be modulated with external source; new electron coupled "wobulator" with band width variable from 20 kc. to ±40 kc. Triple shielded throughout. R.F. filters in line circuit. Bronze panel, quartered oak case with handle. Shpg. wt. 34 lbs. **\$65.60**
K21606—For 110/130 volts, 60 cycles a.c.
On Time: \$6.14 down, \$6.14 per month for 11 months
Model 582-S: As above, but without push-button tuning. **\$58.75**
K21607—Your Cost.....
On Time: \$5.50 down, \$5.50 per month for 11 months

Model 551 Set Tester and Analyzer



Combines a complete radio analyzer with all radio set tester functions. Radios, P.A. amplifiers and television sets can be tested by the "Free Reference System" through the analyzer jacks from the tube sockets, or by the "point-to-point" system with test prods. 21 ranges and functions—2 instruments in one. Scales read: a.c. and d.c. volts: 7/140/350/1400; d.c. milliamperes: 1/7/35/140; ohms: 0/200/2000/20,000, first scale division 0.1 ohm, center scale 3.5 ohms on low scale; megohms: 0/2/20 with internal power pack; four output meter ranges. New 5" square, 1000 ohm/voltmeter. Ruggedly built for long, accurate life. Bronze panel; oak carrying case with handle, cover and accessory compartment. Full set of accessories and complete instructions included. Analyzer equipment covers all old and new types of tubes and circuits. Case size: 11x10 1/2 x 4 1/2". Shpg. wt. 15 lbs. **\$38.17**
K21596—Model 551 Your Cost, Complete.....
On Time: \$4.29 down, \$4.29 per month for 9 months

Model 542 Pocket Multi-Meter



An extremely compact instrument that incorporates a highly sensitive meter and provides a multitude of testing facilities. Housed in a molded bakelite case 3x5x2", with pin-jack terminals. Following ranges provided: D.C. milliamperes 0/0.3/6/30/150; D.C. volts 0/6/150/300/1500; A.C. volts 0/6/150/300/1500; Decibels -10/+6, -6/+10, +8/+24, +22/+38, +34/+50. Also provides four output ranges. 3" square meter has knife edge pointer and 200 microampere movement (5000 ohms per volt). Ohmmeter ranges operate from self-contained batteries. Wt. 4 lbs. **\$15.96**
K21608—Each.....
On Time: \$4.73 down, \$4.73 per month for 3 months

MODEL 501 DE LUXE TUBE CHECKER



An improved model for exceptional accuracy and dependability. A new circuit tests all old and new tubes for radio, P.A. and television; also all "M", "G", "M-G", octal, non-octal, plain glass and spray shield types, including "BR", "BH" and OZ-4, etc., gas rectifiers and all magic-eye types. Tests multi-purpose tubes, section by section as well as overall performance. All tests at full rated RMA loads. Exclusive double-floating filament selector to test 6A5G, 6P7, 5X4G, 5Y4G, etc., without extra sockets or adapters. New 5" square, high accuracy, dead-beat, solid-forged magnet meter. "Hot" short and leakage test between all tube elements. Etched bronze panel with mottled brown meter case, sockets and knobs to match. Can be used for bench, counter or portable. With instructions and complete tube-testing chart. For 100/130 volts, 60 cycles a.c. Oak case, 9 1/2 x 13 x 4 1/4". With removable cover. Shpg. wt. 15 lbs. **\$36.20**
K21600—Your Cost Complete.....
On Time: \$4.07 down, \$4.07 per month for 9 months

Model 551-S With 25,000 Ohm Per Volt Meter

Same as above, but equipped with an extremely sensitive 25,000 ohms per volt meter. **\$43.07**
K21597—Model 551-S Your Cost, Complete.....
On Time: \$4.84 down, \$4.84 per month for 9 months

Only the more popular Supreme Instruments are listed on this and the preceding page. We can supply any Supreme Instrument at standard discounts.

Clough-Brenge-TEST INSTRUMENTS

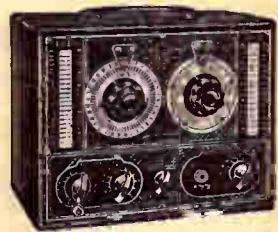
COUNTER & PORTABLE CHECKER No. 125



A new and outstanding advancement — two instruments in one. Ideal for the small service man who wants a single universal checker or the large shop which needs several instruments. Accurately calibrated against C-B laboratory mutual conductance standards, it gives true index to dynamic tube performance, on a simple "Good-Bad" scale. Delivers dynamic test in which the signal is applied to grid, comparable to conditions of actual service. Checks all present tubes, including all ballast types, and makes adequate provision for future tubes without additional sockets or wiring changes. Maximum insurance against obsolescence.

With this checker you can remove cap of tube under test and note change in meter indication. Has high sensitivity neon short check several times greater than RMA standards. All tests of tubes under load, with normal voltage applied to each tube element. Cabled wiring; superior workmanship throughout. Has an ingeniously arranged, numerically indexed easy-finding chart, removably hinged inside of cover, with extra display chart for wall mounting. Extremely handy, measures $1\frac{1}{2} \times 9\frac{1}{4} \times 5\frac{1}{2}$ with cover. Quick removable cover protects meter and panel, makes for a handy portable job. Counter checker attractively finished in green, grey and silver. An impressive counter and portable instrument. For 110 volts, 50/60 cycles a.c. Shpg. wt. 15 lbs. K21660—Your Cost..... **\$33.80**

MODEL OCX SIGNAL GENERATOR



A new signal generator covering 100 kc to 30 megacycles in 5 overlapping bands. All frequencies are fundamental. Accuracy of $\frac{1}{2}$ of 1% on all frequencies. Low loss Rotor-Inductor coil changer provides quick and accurate band selection. Capacity effects and losses completely eliminated. Dual attenuator controls, continuously variable, provide smooth positive attenuation down to a fraction of a microvolt. R.F. output; 100,000 microvolts maximum. A.F. output; 1.2 volts r.m.s. across 100 ohms. Frequency fixed at 400 cycles. New Visi-Vider chart calibrated dial assembly provides remarkable visibility and reading accuracy. Micro-vernier geared drive eliminates all backlash.

40 Inches Tuning Scale Per Band
Over 40 inches of tuning scale length per band. Hand drawn curves for each of the 5 bands separately. Stray voltages cut amazingly low. Use 1-6J5, 1-76 and 1-84. Ready reference charts showing over 90 most commonly used frequencies are conveniently located on the front panel. In metal case finished in green crystalac, 10" high, 12" long, $8\frac{1}{2}$ " wide. For use on 110 volts, 50/60 cycles a.c. Complete with tubes. Shpg. wt. 17 lbs. K21459—Your Cost, Complete..... **\$33.80**

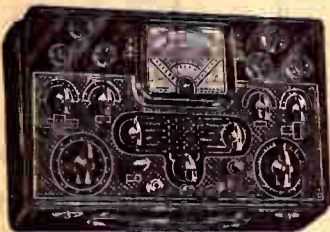
Radio X-Ray Laboratories

Write for complete description of X-Ray Laboratory. All panels are $9\frac{1}{4}$ inches high and completely interchangeable. Rack takes any 19-inch panel. Adds to the efficient appearance of your service shop.

MODEL ODA

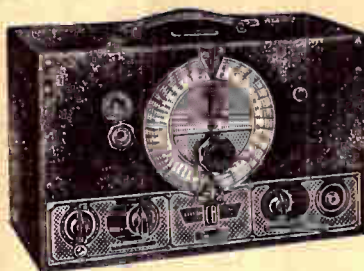
Similar to Model OCX above, but for battery operation. Chart calibrated to $\frac{1}{2}$ of 1%. Radio frequency constant throughout battery life. Complete with all tubes and complete operating instructions. Shpg. wt. 17 lbs. K21461—Your Cost..... **\$29.35**

UNI-CHECKER Model 135



Combines all improvements of Dynatest 2-in-1 Tube Checker and Unimeter No. 185. Actually a counter instrument, portable and rack unit in one. Gives complete on-the-spot check-up of ALL receiver circuits and components as well as tubes, with large 2000 ohms-per-volt meter covering following ranges: D.C. volts: 0.5-20-100-500-1000; A.C. volts: 0.8-32-160-800-1600. D.C. mils: 0- $\frac{1}{4}$ -10-100. Ohms: $\frac{1}{2}$ ohm to 40 megs. in four ranges. Capacity: .0005 mfd. to 10 mfd. in two ranges. Decibels: -15 to 59. Unweld steel construction throughout. External shunts available for higher current ranges at extra cost. Measures only $15 \times 9\frac{3}{4} \times 6\frac{1}{2}$ with cover. Instrument face $9\frac{1}{4}$ " high, fits C-B rack panel mount. Self-contained power supply—no batteries. Every serviceman will find this dual instrument suitable for practically all purposes and an indispensable aid. Wt. 28 lbs. K21661—Your Cost..... **\$53.40**

Signal Generator No. 110



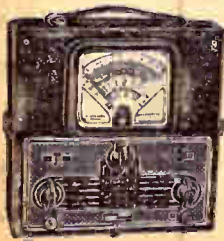
The outstanding instrument in its field, for quality measurements of the highest order. Frequency range, in fundamentals from 100 kc to 31 mc. Has exclusive Verni-Vide, giving quick reading with vernier precision. The effective length of the scale over 5 bands is more than 17 feet. Guaranteed accuracy over the entire range is $\frac{1}{4}$ of 1%. Perfect 6-band calibration. 400 cycles internal modulation at 30% level. Audio output consists of a push-pull 400 cycle sinusoidal audio voltage for amplifier tests, adjustable from 0 to 1.2 volts. Has better control of signal attenuation, and lower strays because of individual internal shielding and double shielding over all. In unwelded metal case, $9\frac{1}{4} \times 15\frac{1}{4} \times 7$ ". For 110 volts, 50/60 cycles a.c. Shpg. wt. 28 lbs. K21581—Your Cost..... **\$48.50**

GRAPHOSCOPE No. 126



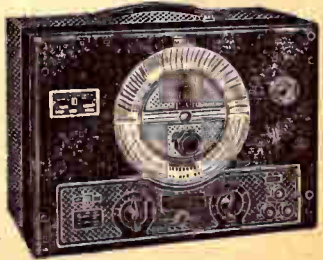
An extremely sensitive oscilloscope permitting more accurate and rapid solution of radio and electrical service problems. Complete linearity of sweep circuit through exclusive compensated amplifier. Maximum fundamental sweep rate range of 15 to 30,000 cycles permits observations of frequencies up to .3 mc. Wave expansion and beam centering controls permit spread full width of screen. Circuits corrected for amplitude and phase distortion. New light shield permits tube operation at reduced voltage. Resulting improved observation at low voltage extends life of tube and prevents burning tube screen, reducing tube replacement. Tubes: 884, 906, 42, 6C6, 2-80s. All-steel unweld case, green crystalac finish, $9\frac{1}{4} \times 9 \times 13$ ". K21662—Shpg. wt. 24 lbs. **\$63.20**
Your Cost, with Tubes.....
Model 127. Graphoscope and Uni-Signal Frequency Modulator. Completely examines sets from antenna to ground. **\$91.53**
K21663—Your Cost.....
Model 111. Uni-Signal Frequency Modulator. Suppresses harmonics by exclusive conjugate modulators, delivers only wanted signal. K21583—Your Cost, **\$38.70**
Complete.....

UNIMETER No. 185



Sets a new standard in meter performance and value. Has 29 ranges covering every radio and sound service measurement, including capacity and power output, using only two controls connected through but two binding posts. One switch selects function, the other range. Ranges: d.c. volts; 0/50/100/500/1000; a.c. volts, 0/8/32/160/800/1600; d.c. mils., 0/5/10/100 short position; mfd., .0005-.1 and .65-10; ohms, 0/4000, 40,000/4 megs. and 20 megs. with external battery; db, minus 15 to plus 59, 6 mw., 500 ohm level, in 5 ranges. A.C. output same as a.c. volts. Easy to read scale, a.c. and capacity scales in green, remainder in black. D'Arsonval type meter with 2000 ohms per volt sensitivity, d.c. accuracy 2%, 5% on a.c. at 1250 ohms per volt. Unweld steel case, green crystalac finish, snap-on cover, size, $9\frac{1}{4} \times 9\frac{1}{4} \times 5\frac{1}{2}$ ". Shpg. wt. 20 lbs. K21664—Unimeter Model 185. Your Cost, Complete **\$28.90**

AUDIO OSCILLATOR No. 79-C



Offers performance advantages entirely beyond the range of oscillators built into ordinary r.f. generators, with continuously variable output from 25 to 15,000 cycles, and virtually flat frequency characteristics throughout entire range. Delivers 240 milliwatts with distortion less than 2%, across choice of either 500-ohm or 5000-ohm impedance. Has high frequency stability and extremely low thermal coefficient. Zero adjustment knob on front panel and 6E5 "eye" indicator provide zero beat setting. Uses 4-6C5G, 6E5, 6X5. Steel unweld case, green crystalac finish. Shpg. wt. 24 lbs. K21457—Your Cost, **\$58.30**
With all Tubes.....

WESTON "772" ANALYZER

A complete super-sensitive analyzer fulfilling every analyzer requirement for diversified modern servicing. Has 20,000 ohms per volt sensitivity. Ranges: d.c. volts; 2.5/10/50/250/1,000; a.c. 2.5/10/50/250/1,000 at 1,000 ohms per volt; d.c. milliamps. 1/10/50/250 and 1 amp./10 amps.; ohms 3,000/30,000/3 megs/30 megs. Power level in overlapping ranges from minus 14 to plus 54. Measures r.f. microamperes in detector diode circuit, diode currents in a.v.c. and a.f.c. circuits. Overall accuracy ranges within 3% on normal frequencies due to improved rectifier circuit. Practically no frequency error from 50 to 7,000 cycles. Etched black panel trimmed in red and chromium, mounted in wood carrying case, 15 1/2 x 5 1/2 x 3 3/4". Complete with accessories and full instructions. Shpg. wt. 11 lbs. **K21823—List \$69.50**



Your Cost..... **\$52.13**

WESTON "776" OSCILLATOR

For use on all frequencies from 50 kc. to 33 megacycles, in six overlapping bands. Six feet of direct reading dial provides "curve accuracy". Separate attenuator tube prevents changes in attenuator loading from affecting automatic balance of amplitude oscillator tubes. Even a short across attenuator does not alter frequency of oscillator. All circuits double shielded. Has exclusive automatic amplitude control, operating on feedback principle. Maintains absolutely flat level of attenuator input. Provides greater audibility for given signal. 50% modulation at 400 cycles. Higher signal-to-noise ratio stabilizes output readings. New coil assembly eliminates all coil leads, minimizing leaks, stays and drifts. In case, size 10 x 16 x 5". For use on 110-130 volts, 50/60 cycles a.c. Shpg. wt. 18 lbs. **K21644—**



Your Cost..... **\$65.25**

NOTE: Test equipment now available on time payments. Write for details.

WESTON "773" TUBE CHECKER

Available in counter and portable models. Big Weston meter "stepped up" from rich 3-color panel in chromium, red and black. Tests ALL tubes—and prepares for future tubes with a spare socket. Emission-type test under load; individual electrode test; neon short test; cathode leakage; noise test; line voltage control; load tests. Wired for rotating filaments; double fused for protection. New "rotator-type" tubes charts give all the data at a glance. In case of highly polished wood. Size: 14 1/2 x 10 1/2 x 7". For operation on 110/120 volts 50/60 cycles a.c. **K21555—Model 773-2— \$58.13**



Your Cost..... **\$53.81**

WESTON MODEL 697 SELECTIVE SERVICER



Complete, compact servicing unit in a size which fits into the kit. Only 5 1/2 x 3 3/4 x 2 1/4". Four a.c. and d.c. voltage ranges: 7.5-15-150-750; d.c. current, 7.5-75 ma.; 0-5,000-500,000 ohms full scale, 35-3500 ohms center scale. Shpg. wt. 15 lbs. **K21580—Each... \$28.80**

WESTON Model 301 3 1/2" Panel Meters



Ranges above 30 ma. are shunted and have drop of approximately 100 mv. Accuracy within 2%. Round or rectangular black bakelite cases.

D.C. MILLIAMMETERS

No. Round	Range	No. Square	Your Cost
K10675	0-1	K10759	\$7.35
K10679	0-5	K10760	
K10680	0-10	K10761	
K10681	0-15	K10762	
K10685	0-50	K10763	\$6.61
K10686	0-100	K10764	
K10688	0-200	K10765	
K10691	0-500	K10766	

D.C. VOLTMETERS

K10607	0-10	K10767	\$6.61
K10608	0-15	K10768	6.61
K10615	0-150	K10769	8.27

MICRO-AMMETERS

K10701	0-200	K10770	\$10.47
K10702	0-500	K10771	

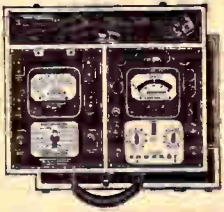
A.C. VOLTMETERS

Stock No.	Approx. Volts	Ohms	Your Cost
K10752	15	14	\$6.61
K10758	150	110	8.27

Model 476—Rectangular

K10753	15	14	\$8.27
K10754	150	110	

WESTON MODEL 775 SERVISSET A Combination Analyzer and Tube Checker



In a polished wood case with real luggage handles. The analyzer (Model 772) incorporates a meter having a sensitivity of 20,000 ohms per volt. Draws negligible current. Following meter ranges are available: d.c. volts at 20,000 ohms per volt, 2.5/10/50/250/1000; a.c. volts at 1000 ohms per volt, 2.5/10/50/250/1000; d.c. ma., 10/50/250; d.c. microamps. 50/100/1000; ohms, 0/3000/30,000/8 megohms/30 megohms; output meter ranges, 2.5/10/50/250/1000 volts. The tube checker (Model 773) is unique in that it incorporates an improved noise test for all electrodes, tests tubes under standardized load resistance while tubes are hot, incorporates a neon short check and a cathode leakage test and is wired for rotating filaments and provided with a spare socket. For 110 volts, 60 cycles. **K21556—Model 775. Your Cost..... \$104.25**

WESTON 669 V.T. Voltmeter

Gives true measurements of potential over extremely broad range of frequencies. Ranges from 200 millivolts to 160 volts. Extremely useful for measurements in very high resistance networks and for a.c. or d.c. voltage measurements limited to microamperes. Covers 50 cycles through 50 megacycles. Accurate to 3% over almost entire range. Input capacity 5 mmf. with 6" leads. For 105-130 volts, 42/60 cycles a.c. **K21649—Your Cost..... \$50.62**



WESTON Photronic Cell

Current varies with light intensity from 1 1/2 microampere on 1 foot candle to approximately 5 milliamperes in daylight. Bakelite case 2 1/2" in diameter and 1" thick. Has multitude of uses for research, photography, relay work, etc., etc. Has found numerous uses in industrial work, machine application and light measurement. Shpg. wt. 1 lb. **K14139—Your Cost Each... \$7.50**



PRECISION PORTABLE VOLT-OHMMETERS

Moving coil type meter, accuracy 2%. Ranges: 50-500 volts d.c.; 0-500,000 ohms. 1000 ohms per volt. Batteries enclosed. Zero adjustment on ohmmeter. With 30" test leads. In black Bakelite case, 1 1/2 x 2 1/2 x 3 3/4". Wt. 4 lbs. **K11450—Each..... \$7.75**



Similar to above, but magnetic vane type movement: 3-30-300 volts d.c.; 0-10,000 ohms. Batteries enclosed. 1 1/2 x 2 1/2 x 3 3/4". **K11452—Each..... \$3.23**

Pocket Volt-Ohm-Milliammeter. Moving coil type reads 15-150-450 volts a.c. or d.c.; 0-20,000-100,000 ohms; 0-15 ma.; .01 to 20 mfd. Bakelite case, 1 1/2 x 2 1/2 x 2 1/2". 30" test leads. **K11453—Each..... \$7.92**

CI POCKET-SIZED VOLT-OHMMETER

Voltage range, 0-300 d.c.; resistance range 0-10,000 ohms. Magnetic vane type meter. Volts to ohms with toggle switch. Round seamless metal case 3" diameter, 1 1/2" deep. Self-contained battery. With 30" test leads. **K11451—Your Cost..... \$2.48**



SOLAR CC Capacitor Analyzer and Resistor Bridge



Measures capacitance of ALL types of condensers by means of a Wien bridge; range .00001 to 800 mfd. and power factor 0 to 50% including motor starting condensers. Resistance 50 ohms to 2 megohms; insulation resistance to 1000 megohms, using test voltage to 600 d.c.; detects leakages and intermittents. Simplified reading scales. Complete with neon leakage tube. Uses a 6E5 and 80, built-in power supply. More than 45 linear inches of direct reading scale. Overlapping eliminates "blind spots", assures accuracy. Complete in itself, requires no external meters, standards, headphones, etc. Slipping cover. Uses 6E5 and 80. Size: 9 1/2 x 8 1/2 x 6 1/2". Shpg. wt. 10 lbs. **K10435—For 110 v. 60 cycles a.c. Less tubes. \$24.40**

Your Cost..... **\$24.40**

K10436—For 110-220 v. 25/60 cycles a.c. Less tubes..... \$23.40

SOLAR MODEL CB

Similar to above, with capacity range .00001 to 70.0 mfd. Insulation resistance tests at voltage up to 450 volts d.c. In attractive cabinet with removable top, 9 1/2 x 7 x 6 1/2". Tubes used one each 6E5 and 1V. **K10437—110 v. 60 cycles a.c. Less tubes. \$18.82**

Your Cost..... **\$18.82**

K10438—110-220 v. 25/60 cycles a.c. Less tubes..... \$23.52

NEW *all purpose* TEST INSTRUMENTS

JACKSON 633 Dynamic Tube Tester



A new dynamic tube tester incorporating the most advanced features of design and accuracy. Has greatly simplified control arrangement—only three controls to set and then depress test button. Among its many features are: full range line voltage control—Neon shorts test circuit—tests ALL ballast tubes—three inch square type meter—tests multi-section tubes correctly—tests OZ4 gas rectifier.

Has extra tube socket for future tubes, preventing obsolescence. The tester is compact and easily portable. In welded steel case, 8½x8½x4½", finished in grey morocco. For use on 110 volts, 50/60 cycles a.c. Shpg. wt. 10 lbs.

K21650—Your Cost..... \$24.45

JACKSON Model 650 Condenser Tester



A complete, accurate instrument for detecting faulty condensers, Electrolytic, Paper or Mica. Measures all values in mfd. from .00001 to 100 mfd. Power factor range calibrated from 0 to 60%. Voltage tests from 20 to 500 volts. Cathode ray tube

indicates exact balance or shows if leakage is present. Instantaneous indication—no bothersome counting of flashes—no guesswork. Automatic push button selection; ranges and leakage selection on 5 key bank. Glass enclosed scale equipped with new Jackson scale expander indicating pointer which doubles effective scale. In welded steel case, 8½x8½x5½" Shpg. wt. 10 lbs.

K21651—Complete with All Tubes. Your Cost..... \$29.35

JACKSON Model 640 Test Oscillator



A complete "standard type" oscillator for all general purpose work. Full range direct reading dial from 100 kc. to 30 megacycles. All ranges are fundamental frequencies—no skips or harmonics calibrated. Push-Button selection of all ranges makes for speedy and accurate operation. Two circuit attenuator provides variable ratio and fine vernier control. Has powerful signal output, used

either as pure r.f. or modulated r.f. Carrier modulated at approximately 30%. A.F. voltage available for external use. Guaranteed accuracy within ½ of 1% on i.f. and broadcast ranges. Shielded cable for connection to receiver furnished. Aluminum panel, steel case, 8½x8½x4½". Shpg. wt. 10 lbs.

K21652—Your Cost, with Tubes.... \$29.35

Jackson Service Assembly

This new, modern "Super-Service" test laboratory will give your shop that professional appearance worthy of the work you do. Includes the four Jackson instruments described on this page mounted in a standard relay rack assembly with a.c. master switch, convenience outlet and two 30-watt bulbs. Size: 20x27½x16". Shpg. wt. 40 lbs.



K21654—Model 700 Your Cost, Complete..... \$136.71
K21655—Rack Assembly only..... \$14.70

JACKSON Model 642 Universal Multi-Meter

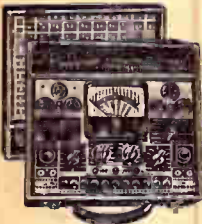


A superior 18 range instrument offering instant selection of any meter range simply with eleven key push-button selectors. Key bank so arranged that pressing one button automatically releases all others. Meter ranges: a.c. and d.c. volts; 0-10/100/-

250/500/1000, d.c. mils., 0/10/100/250; microamps, 0-100; amps., 0-10; ohms, 0-3000/300,000/3 megs. No external batteries or line power required. All d.c. ranges are 20,000 ohms per volt. Has special built-in shunt and 10 ampere range. New 6" full vision Jackson meter with large, easy to read scale. Finest materials and workmanship throughout. Welded steel case finished in grey morocco, size, 8½x8½x4½". Furnished with test leads. Shpg. wt. 8 lbs.

K21653—Your Cost, with Self Contained Battery... \$39.15

Series 900 Electronometer



A modern push-button operated dynamic mutual conductance tube tester, combined with a 25 multi-range a.c.-d.c. volt-ohm-decibel-milliammeter plus a 10 ampere range for complete point to point set analysis. Also includes ballast test facilities. 4½" D'Arsonval type square meter, 2% accuracy. A.C. and D.C. volt ranges: 0/10/50/250/1000 at 1000 ohms per volt. 0/1/10/50/250 ma. and 0-10 amps. d.c. 0-400 ohms and 0/100,000/1 meg./10 megs. 4½ volt battery power low, medium and 1 megohm ranges. 4 decibel ranges from minus 10 to plus 10 db. Output ranges: 0/10/50/250/1000 volts. Paper condenser leakage test, Neon method. Pilot light (on-off) indicator; fused line plug. Line voltage adjustment. In attractive hardwood carrying case with removable cover, only 12½x11½x6". Also available on order in counter and panel types. With battery, leads, instructions. Shpg. wt. 17 lbs.

K21571—Your Cost..... \$48.95

"PRECISION" Test Equipment

A laboratory multi-range tester incorporating a 9" meter and remote control selector unit. Can be employed either as a complete panel mount or used for remote operation since the separately encased selector unit may be removed for bench use. Voltage ranges a.c. and d.c.: 0/10/50/150/500/1500 at 1000 ohms per volt. 4 ohmmeter ranges 0-400 (20 ohms center) and 0/100,000 ohms/1 meg./10 megs.; all powered by self-contained battery supply inside remote control unit. 6 d.c. current ranges: 0/1/10/50/150/500 ma. and 10 amps. 5 db ranges from minus 10 to plus 44 db. Output ranges: 0/10/50/150/500/1500 volts. D'Arsonval type meter, accuracy 2%, base sensitivity 400 micro-amps. Each meter individually calibrated. Panel and control unit of heavy gauge steel finished in shivel black enamel. Selector unit 7x8x3½". Panel size, 20x10½x4". Wt. 20 lbs.

K21656—Your Cost, Complete..... \$38.70

Series 860 A.C.-D.C. Volt-Ohm-Milliammeter



Series 842P A.C.-D.C. Multimeter



For all measurement requirements. 4½" D'Arsonval square meter, accuracy 2%. A.C. and D.C. voltage ranges: 0/10/50/250/1000/2500 at 1000 ohms per volt. D.C. current 0/1/10/50/250 ma., 0-10 amps.; 5 db ranges minus 10 to plus 48 db. Resistance ranges: 0-400 ohms, 0/100,000/1 meg./10 megs. Output ranges: 0/10/50/250/1000/2500 volts. Walnut case, 9x10x6".

K21656—Your Cost \$23.47

K21657—Model 842L. Same as above but no cover or tool compartment. Your Cost..... \$21.47

AEROVOX CAPACITY BRIDGE



A handy, portable, easily operated capacity bridge that measures all essential properties of condensers under actual working conditions. Resistance bridge also provided, as well as insulation resistance test permitting many other measurements and tests. Applies continuously variable polarizing d.c. voltage as well as a.c. to condenser tested, as in actual use. Polarizing voltage shown on meter, which also aids in determining exact leakage at given voltage. 270° main capacity dial spread calibrations for accurate readings. Linear scale covers but one decade per range. Instrument provides vacuum tube voltmeter, voltmeter, millivoltmeter and milliammeter. Has variable-voltage power source. In lock-cornered red gumwood case, natural finish, with slip hinges. Fubber bumpers, side and bottom. Size, 10½x7¼x8". Shpg. wt. 1 lbs.

K21659—Your Cost, Complete..... \$35.03

NOTE: 24 page Manual and Instruction book free with each instrument.

Precision Multimeter

Series 830
1000 Ohms Per Volt



Though small in size this Multimeter incorporates 11 adequate ranges for measuring volts, ohms and current. An invaluable servicer. Large 3" square meter in Bakelite case; D'Arsonval movement; 2% accuracy. D.C. volts: 10-100-250-500-1000; d.c. current: 1-10-100-250 ma.; low ohms, 0-500, 50-ohm center reads as low as ½ ohm; high ohms, 0-300,000; self-contained battery; zero adjustment. Leatherette case, 4½x7x2½". Crystal gold and black panel on heavy brass.

K21570—Your Cost..... \$10.73

-TIME PAYMENTS ON TEST EQUIPMENT - Write for Details-

Modern all PURPOSE Test Instruments

HICKOCK UNIVERSAL SIGNAL GENERATOR No. 18



Covers 100 kc. to 30 mc. in 6 ranges. Output voltages from 1 micro-volt to over 100,000 micro-volts. Accuracy better than 1%. Two negative resistance a.f. oscillators 0-400 cps., fixed, 100-10,000 cps. variable. Over 100 inches of direct reading scale. Frequency modulated output (30 kc. sweep) available over entire range for visual alignment and trouble shooting, automatically disconnected when using amplitude modulation. Three db ranges: -10 to +6, +6 to +22, +22 to +38. Complete built-in power supply. Output ratio-control provides step attenuation of r.f. and a.f. output. For 110 volts, 50/60 cycles a.c. 13x10x7". Shpg. wt. 21 lbs. **\$52.92**

Model No. 17
Same as above, but without db meter section. **K21636—Your Cost.....\$44.10**

HICKOCK LABORATORY SIGNAL GENERATOR



Standardized output in microvolts on all ranges. Built-in calibrated output and power level meter gives more measurements than any other signal generator. Output ranges: r.f.— $\frac{1}{2}$ microvolt to 100,000; a.f.—0 to 2 volts. Power level meter range: minus 10 db to plus 38 db in three ranges. 100 inches of direct reading frequency scales. Three position control on output selector to change output from modulated r.f. to pure r.f. or to a.f. Percentage modulation of the r.f. signal is maintained at approximately 35% throughout range of signal generator. Vacuum tube voltmeter adjustment to compensate for variations in different tubes. Seven position frequency band selector. Steel case 13x10x7". Shpg. wt. 23 lbs. **K21637—Model PSG15. \$73.50**
Your Cost.....

Hickock Model AC 51X Tube Tester—Analyzer



A True Dynamic Mutual Conductance tube tester and analyzer that is a complete servicing outfit. Sufficient plate current for an accurate check of both emission and mutual conductance. Elements tested separately in multi-element tubes. 94 unused positions for future tubes, only 50 used. All positions wired. A.C.—D.C. volts: 0-20, 200, 500, 1000 in 5 ranges. Same scale for A.C. and D.C. D.C. mils: 0-20-200 direct. Ohms: 1 to 25 megohms. No batteries used. Capacity: 00025 to 24 mfd. For 110 volts, 60 cycles A.C. Walnut case 14x13 $\frac{1}{2}$ x6". Wt. 24 lbs. **K21638**
Your Cost.....\$58.21
K21639—Model T58P Portable Tube Checker. As above, for tube tests only. **\$48.80**
Your Cost.....
K21640—Model T58C. Counter model. Tube checker only **\$48.80**
Your Cost.....

DEPENDABLE MASTER "410" MULTITESTER



Most complete testing unit available. Reads a.c. and d.c. volts: 5/25/100/250/1000; a.c. and d.c. current: 500 micro-amperes, 5/25/100/250 ma., 2.5 amperes; capacitance: .03/3/30/300 mfd. resistance: 1000, 10,000, 1,000,000 ohms, 1,10,40 megohms; inductance: .25/1000 millihenrys, .25/100/1000/10,000 henrys; decibels: from down-20 to up-40 in 5 ranges. 5" fan-type meter with 2000 ohms/volt sensitivity on d.c., 1800 ohms on a.c. Guaranteed accuracy, 2%. Complete with internal batteries. Size, 10 $\frac{1}{2}$ x11 $\frac{1}{2}$ x5 $\frac{1}{2}$ ". For 110-120 volts, 60 cycles a.c. Shpg. wt. 10 lbs. **K21501—Each.....\$30.87**

MODEL 4153 MASTER ANALYZER

Combines all the features of the Model 410 described above with that of a selector analyzer unit. Measures both a.c. and d.c. micro-amperes, milliamps and amps. Won't become obsolete as metering system is independent of testing unit. Accurate measurement of current voltage, resistance and capacitance at all socket terminals. **K21591—Your Cost.....\$40.43**

Dependable Tube-Tester—Multitester MODEL 321



Tests ALL tubes under load conditions—all elements for opens, leaks, shorts, NOISE. Tests all ballast tubes. Fused meter. Smooth line voltage control. Has 5 a.c. and d.c. voltage ranges: 5/25; 25/500/1250; 4 ohm ranges: 0/100/25000; 0-2.5/25 megohms, 0/500 microamps.; 5/25/250 d.c. ma.; 0-2.5/25 d.c. amps. All shunts and multipliers calibrated to within 2%. Leakage test for electrolytics, paper and mica. Output ranges same as a.c. volts. Measures db from -15 to +10. In wood portable case, size: 15 $\frac{1}{2}$ x13 $\frac{1}{2}$ x6". For 110/120 volts, 50/60 cycles a.c. Shpg. wt. 18 lbs. **K21590—Your Cost \$48.50**

DEPENDABLE AC-DC MULTITESTER 444



Twenty-two complete instruments in one compact case. Uses 3 $\frac{3}{4}$ " D'Arsonval meter having large scale. Accuracy within 2%. 4 A.C. and D.C. Volt scales 0-5/50/500/1000. 3 current ranges 0/1/10/100 milliamps. 3 range ohmmeter 0/500/5000/50000 ohms. Reads as low as .1 ohms. With batteries. 8 $\frac{1}{2}$ x6x3 $\frac{1}{2}$ ". Wt. 6 lbs. **K10503—Your Cost.....\$9.75**

DEPENDABLE TROUBLE SHOOTER—Model 432



Nine range volt-ohm-milliammeter with 2" dial D'Arsonval meter, accurate within 2%. D.C. volts: 0/5/50/500/1000 all at 1000 ohms per volt sensitivity. 0/500/50,000/500,000 ohmmeter; reads as low as 0.2 ohm. Current ranges: 0/1/10 ma. With batteries. Wt. 3 lbs. **K10502—Your Cost.....\$5.83**

Dependable Model 408 Multitester



A pocket-size tester with a meter sensitivity of 2000 ohms per volt. Has following ranges: 5/50/500/1000 d.c. volts, 0-500 d.c. micro-amps., 5/50/500 d.c. ma., 0-5 d.c. amperes, 0/500/50,000/1,000,000 ohms. Sel. 100,000 ohms. Sel. low ohms read 0.1 ohm for each of first ten divisions. Incorporates 2 $\frac{3}{4}$ " Bakelite cased D'Arsonval meter. All shunts and multipliers individually calibrated to 2% accuracy. Bakelite panel and welded steel morocco finished case, 3x5 $\frac{1}{2}$ x2 $\frac{1}{4}$ ". **K10498—Wt. 3 lbs. \$9.75**
Your Cost.....
As above, but in "build-it-yourself" kit form. Less battery. **K10499—Your Cost.....\$8.33**

Model 408 AC-DC Multitester

Similar in appearance and size to Model 408 described directly above, but equipped with a.c. voltage scale: 1/5/50/500/1000 in addition to all the scales listed above. Has low a.c. range, from 0-1, for small output measurements. Shpg. wt. 3 lbs. **K10500—Your Cost.....\$12.64**

Dependable Tube & Set Tester Model 800



Has 4 $\frac{1}{2}$ " square multi-color dial D'Arsonval meter with 1000 ohms per volt sensitivity, accurate within 2%. Tests all ballast tubes and all new and old type tubes. Short and leakage test between all individual elements. 25 accurate ranges. D.C. and A.C. volts: 0/5/50/250/1000. Four db ranges from 12 to 55 db. Ohms: 0/500/5000/1 meg. /10 megs with self-contained power supply. Current: 0/1/10/100/1000 ma. Condenser leakage test. Double fused line protection. Fuses instantly replaceable. Portable hinged cover carrying case: 12 $\frac{1}{2}$ x10 $\frac{1}{2}$ x5". Shpg. wt. 11 lbs. **K21641—Your Cost.....\$27.39**
K21642—Model 800A. Identical to above, but with Model 508 plug-in Analyzer unit built into cover. Wt. 12 lbs. Your Cost.....\$35.96

DEPENDABLE TUBE CHECKER



The new Dynoptimum Test tube checker that tests all type tubes under R.M.A. voltages and loads. Tests all ballast tubes; separate chart included. Hot interelement short and leakage test between all individual elements. Accurate calibration; checked against lab standard mutual conductance instrument. 3" square D'Arsonval meter, accurate within 2%. Direct reading "Good-Bad" scale. Fewer controls than any other approved circuit tube tester. 9x12x5". **K21643—Model 307C. Counter Type. Shpg. wt. 8 lbs. \$16.61**
Your Cost.....
K21644—Model 307P—Same as above, but combination portable counter type. Shpg. wt. 10 lbs. \$17.57
Your Cost.....

TRIPLETT

MASTER SERVICE EQUIPMENT

Universal Pocket Volt-Ohm-Milliammeter

Model 666



An actual pocket-size volt-ohm-milliammeter in a black molded case. Provides a.c. and d.c. voltage ranges, d.c. milliamperes range and has a selector switch for all instrument readings. Also includes high and low ohm scales. The following meter ranges are available: d.c. volts, at 1000 ohms per volt; 0/10/50/250/500/1000; a.c. volts at 1000 ohms per volt; 0/10/50/250/500/1000; low ohms from 1/4 to 300, high ohms from 0/250/000; d.c. milliamperes 0/1/10/50/250. Provisions for external batteries for higher resistance measurements. Has hand set for zero adjustment. Case measures 3 1/4 x 5 7/8 x 2 1/2" high. Black molded panel and case. Battery and test leads with alligator clips included. Shpg. wt. 4 lbs.

Your Cost..... \$14.70

Model 1200A Dual-Meter Master Universal Tester

New tilting meter provides separate a.c. and d.c. meter movements. D.C. meter has 500 microampere sensitivity with 2% accuracy. D.C. scales: 10, 50, 250, 500, 1000 volts at 2000 ohms per volt; 1 10, 50, 250 ma.; 0 to 500, 1500 ohms and 1.5 and 3 meg. Separate adjuster for each ohms scale. A.C. scales: 10, 50, 250, 500, 1000 volts. Four jacks for volts, ohms, mls, and output volts. Self-contained batteries. Shpg. wt. 12 lbs.

K21480—Wired, with batteries. Your Cost \$23.35

K21481—Kit to build tester, less case, batteries. Your Cost \$17.96

Model 1200-B: Same as model 1200-A, but with 1000 ohms per volt copper oxide rectifier type instrument for a.c. readings of 2-10-50-250-500-1000 volts. **Your Cost \$28.74**

K21482—Your Cost, Complete. Model 1200-C: Similar to model 1200-A but with 5000 ohms per volt d.c. instrument suitable for AVC checking. In addition, has 250 microamperes and 7 1/2 megohms scales. **Your Cost, Complete \$26.29**

K21559—Your Cost, Complete. Model 1200-E: Similar to model 1200-A but has 25000 ohms per volt d.c. instrument. Ohms scale 1/4 to 1000; 40,000, 4 and 40 meg. Also has 50 microamperes scale. **Your Cost, Complete \$30.55**

K21560—Your Cost, Complete. Model 1200A Free-Point Tester

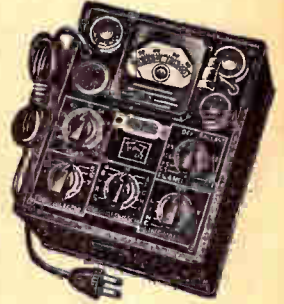
For use with above testers or similar units. Has 5 sockets (including octal) with RMA markings. Special jacks on the panel make possible all series and parallel meter connections, thru the set sockets, to all circuits of the receiver. Complete with 7-prong cable-plug and all necessary adapters. In "Master" case. Shpg. wt. 10 lbs. **Your Cost \$10.78**

K21483—Your Cost. Model 1241 Master Condenser Tester

Complete tests for all condensers from .0001 to 30 mfd. Checks for shorts, opens, leakages, breakdown and capacity. Defects indicated on direct reading 3" panel meter with five scales. D.C. voltages for paper condensers up to 1000 volts in 5 steps; for electrolytics up to 575 volts in 9 steps. Shadow meter line voltage adjuster. 7 1/8 x 6 1/4 x 4 1/2". With test leads and instructions. Shpg. wt. 13 lbs. **Your Cost \$26.95**

K21487—Your Cost. Model 1212 Master Dynamic Tube Tester

Model 1212 Master Dynamic Tube Tester



Checks all receiving tubes, plus ballast tubes, quickly and accurately. Separate plate tests on diodes and rectifiers. The neon shorts test shows the slightest inter-element shorts and leakages. The newly improved circuit has every essential for approved emission tests of all tubes. Results show directly on the three-color GOOD-BAD scale of the 3" precision meter. Circuit incorporates a shadow type a.c. meter for line voltage adjustments. Testing procedure is simple and results are conclusive. Up-to-date tube charts are provided regularly to registered owners as new tubes appear. In sturdy all metal case with black wrinkle finish. Case dimensions: 7 1/8 x 6 1/4 x 4 1/2". The etched panel is in silver and red on a black background. Operates on 110 volts, 60 cycles a.c. With all accessories and instructions. Shpg. wt. 18 lbs. **Your Cost, Complete \$21.56**

K21488—Model 1212. Your Cost, Complete \$21.56

Model 1670 Vibrator Tester



Tests all types of vibrators under actual operating conditions. Tester has an easy-reading 3-scale meter; 0-10 volts scale shows voltage input to vibrator; GOOD-BAD scale for output; scale marked 0-100 shows per cent of output voltage as shown by change in input voltage. Switch throws buffer condensers in circuit when required. Full instructions. In metal case. Complete with accessories. Wt. 20 lbs.

K21634—Your Cost..... \$23.52

Portable Laboratory—Model 1181-E



Contains a Volt-Ohm-Milliammeter, Free Point Auxiliary Set Tester, and All-Wave Oscillator. Has universal a.c.-d.c. meter with 400 microampere sensitivity. Following meter ranges available: 0-15-75-150-750 volts a.c. or d.c.; 0-1.5-15-150 milliamperes d.c.; 0-15-150 milliamperes a.c.; 0-1500-1 1/2 meg.-3 meg. ohms; All-Wave Oscillator variable from 110 to 18000 kc. in four steps. Battery operated. All units in oak case 16 1/2 x 7 1/2 x 4 1/2". Shpg. wt. 19 lbs. **K21522—Your Cost, Complete with Batteries..... \$40.99**

Master Four-Unit Test Sets

Complete portable laboratories comprised of four Master units in various combinations.

Model 1206

Includes model 1200-A Volt-Ohm-Milliammeter, Model 1212 Tube Tester, Model 1220-A Free Point Tester and Model 1231 Signal Generator. Case 17 1/2 x 17 x 6". Complete with accessories and instructions. Shpg. wt. 37 lbs. **K21485—Model 1206. Your Cost \$86.73**

K21486—Model 1206. Your Cost \$86.73

Model 1207

Same as Model 1206 but with Model 1232 Signal Generator. Shpg. wt. 37 lbs. **K21486—Your Cost \$88.52**

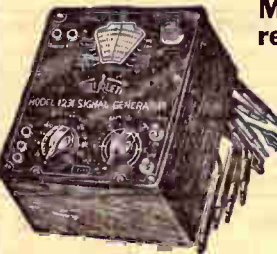
Model 1205-A

Same as Model 1206 but with Model 1233 Signal Generator. Shpg. wt. 35 lbs. **K21484—Your Cost \$78.08**

Model 1208

Same as model 1206, but with Model 1200-E Volt-Ohm-Milliammeter instead of model 1200-A. **K21633—Your Cost, Complete \$93.92**

Models 1232 and 1231 Direct Reading Oscillators



Model 1232 is a direct reading A.C. Signal Generator featuring built-in trimmer calibrated coils providing extreme accuracy. Six bands cover from 120 to 30,000 kc. Large 12" direct reading dial with vernier type scale. All frequencies are fundamentals and are fully stabilized. 400 cycle audio note obtainable from jacks on panel. Special low-loss switching; all parts low capacity. Single switch with pointer for frequency settings. Model 1231 same as 1232 but battery operated. Both complete. Shpg. wt. 16 lbs. **K21478—Model 1232, 110 volt a.c. model. Your Cost \$26.95**

K21477—Model 1231, battery model with batteries and tubes. Your Cost \$25.16

MODEL 1230 OSCILLATOR

A stable, all-wave signal generator supplying a continuously variable signal either modulated or unmodulated. Frequencies from 100 to 18000 kc. in six bands. Scale calibrated against curve charts. Self-contained batteries. Complete, ready to operate. Supplied in new metal case. Shpg. wt. 14 lbs. With calibration charts. **K21479—Your Cost \$16.49**



TIME PAYMENTS ON TEST EQUIPMENT. WRITE FOR DETAILS.

TRIPLET

DeLuxe SERVICE EQUIPMENT

Model 1511 Dynamic Tube Tester and Volt-Ohm-Milliammeter



Has the same electrical characteristics as the model 1616 described at right, but is in a standard 1500 series quartered oak case with selector switch controls. Rotating chart enables quick selection of tube testing instructions. Same volt-ohm-milliammeter ranges as model 1616. Bronze etched panel with contrasting markings. Illuminated instrument has gold dial. Case size: 15 1/4 x 11 1/4 x 7 1/2". The V.-O.-Ma. section is a separate panel with tip jacks. For 110 volts, 60 cycles a.c. Shpg. wt. 28 lbs. **K21625—Model 1511, complete. Your Cost... \$58.48**

milliammeter section. Shpg. wt. 28 lbs. **K21624—Model 1510. Your Cost..... \$48.68**

Model 1616 PUSH-BUTTON Tube Tester and Volt-Ohm-Milliammeter



A true dynamic mutual conductance tube tester combined with a volt-ohm-milliammeter with simplified operation afforded by push-button selection. Tests all types of tubes, including ballast tubes, under actual operating conditions. You need only rotate chart to the required section and push the buttons indicated directly below each row. Results are shown as "Good" or "Bad" on the large, 3-colored scale on the front illuminated meter. Separate gas test and conclusive neon shorts and leakage tests are provided. Meter ranges provided are: 0/10/50/250/500/1000 d.c. volts at 1000 ohms per volt; 0/10/50/250 d.c. milliamperes; resistance .2, 500, 300,000, 1.5 meg., 3 meg.; a.c. volts 0/10/50/250/500/1000 at 400 ohms per volt. Special decibel chart permits readings against volts to 42 db. Ohmmeter is line powered, but provision is made for battery operation, if desired. Shadow-meter line voltage adjuster. Attractive all metal-case with sloping panel. Removable cover. Size: 15 1/4 x 11 1/4 x 6 1/4". For 110 volts, 60 cycles a.c. Shpg. wt. 27 lbs. **K21630—Your Cost..... \$71.86**

Model 1615—Same as model 1616 above, but without the volt-ohm-milliammeter section. Shpg. wt. 27 lbs. \$62.06

Model 1611 ROBOT Multi-Purpose Tester

Similar in appearance to model 1616 (above). Combined emission type tube tester and volt-ohm-milliammeter, PUSH-BUTTON operated. Tube testing circuit constructed to RMA load requirements. Results shown directly on "Good-Bad" three color illuminated scale. Neon tests for shorts and leakages. Checks all receiving tubes and ballast tubes. Following ranges: 0/10/50/250/500/1000 d.c. Volts at 1000 ohms per volt; 0/10/50/250 d.c. milliamperes; 0/10/50/250/500/1000 a.c. volts at 400 ohms per volt; low ohms, backup circuit, 1/2 to 500; 300,000 ohms, 1.5 and 3 megohms. Shadow meter for line adjustments. All metal case, removable cover. 15 1/4 x 11 1/4 x 6 1/4". For 110 volts, 60 cycles a.c. only. Complete, ready to use. **K21623—Shpg. wt. 28 lbs. Your Cost..... \$48.51**

Model 1610—Same as above, but without the volt-ohm-milliammeter section. Shpg. wt. 28 lbs. \$38.22

Model 1630 DeLuxe Oscillator

Extremely accurate—zero leakage. Triple shielded. Covers from 100 kc. to 30 mc. in six ranges. Unusually large dial has widely spaced divisions; total scale length 52 1/2". Accuracy 1/2 of 1%. Individually calibrated coils. Attenuator of pad type provides steps from zero to full output. Silver and black etched panel. In metal case with wrinkle black finish. 15 1/4 x 12 x 6 1/4". For 110 volts, 60 cycles a.c. Shpg. wt. 30 lbs. **K21563—Your Cost..... \$44.10**

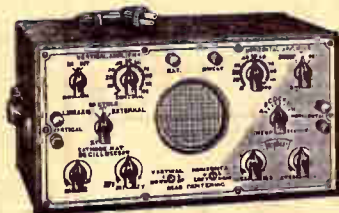
Model 1631: Same as model 1630, but incorporates electronic frequency modulation. Modulation variable from 5 cycles to 40 kc. Either CW, 400 cycle internal or external modulation. Shpg. wt. 35 lbs. \$53.90

K21564—Model 1631 Your Cost..... \$53.90



Model 1691 3" Oscilloscope

A new, complete 3" cathode ray oscilloscope that meets every requirement for the visual study and adjustment of receiver circuit problems. The cathode ray tube is in the exclusive Triplet turret type mounting that can be moved up and down or to either side. Extremely brilliant pattern provided on the 3" screen, enabling easy reading in the brightest daylight. Incorporates separately controlled resistance coupled vertical and horizontal amplifiers. Can be used either direct coupled with amplitude control, or through amplifiers with amplitude control. 60 cycle a.c. operated. Linear sweep from 15 to 20,000 cycles. Sweep (internal, 60 cycle or external) can be used through amplifier or direct with amplitude control. Positive lock. All controls on the panel. Silver and black etched panel. Housed in metal case finished in wrinkle black. Case 14 1/2 x 8 3/4 x 7 3/4"; has carrying handle. Shpg. wt. 30 lbs. **K21632—Model 1691, complete with tubes, including cathode ray tube (3" model). Your Cost..... \$61.25**



Model 1690 2" Oscilloscope

Identical with the model 1691 listed above, but uses a 2" cathode ray tube. Case size: 14 1/2 x 7 3/4 x 4 1/4". Shpg. wt. 25 lbs. **K21565—Model 1690, complete with all tubes, including 2" cathode ray tube. Metal carrying case with handle. Your Cost..... \$46.06**

Model 1640 Condenser Bridge

True bridge type, balances against actual capacity standards. Balance shown directly on large, illuminated instrument dial. Conclusive tests for shorts, opens, leakage, breakdown and capacity. Checks all capacitors from .0001 to 100 mfd. in six ranges. Paper and electrolytic units tested for breakdown at proper a.c. and d.c. voltages: 25, 50, 100, 150, 200, 300, 450, 525, 575 volts. Shadow meter line adjuster. Uses 80 rectifier and 6C6 amplifier tubes. Metal case, wrinkle finish, 14 1/2 x 7 3/4 x 4 1/4". For 110 volts, 60 cycles a.c. Wt. 27 lbs. **K21631—Your Cost..... \$41.16**

Models 1630, 1631 and 1640 above, available in leatherette covered cases at additional cost of \$3.92. Specify on order.



- TIME PAYMENTS ON TEST EQUIPMENT - Write for Details -

Readrite TEST INSTRUMENTS

Readrite Model 740 Volt-Ohm-Milliammeter

Has 3" square Triplett precision instrument with scale readings: 10-50-250 500-1000 a.c. and d.c. volts at 1000 ohms per volt; (d.c. accuracy 2%, a.c. 5%); 1-10-50-250 d.c. milliamperes; low ohms, 0-300; high ohms to 250,000 at 1 1/2 volts; ohmmeter rheostat will handle additional 13 1/2 volts to read up to 2 1/2 meg-ohms. Batteries may be added to permit higher readings in 250,000 ohm steps. In black metal case, 5 1/2 x 7 1/2 x 4 1/2". Wt. 9 lbs. K21572—**Your Cost.....\$19.11**



READRITE TUBE TESTER MODEL 432



For quick and accurate tests of all types of tubes, including all ballast tubes. Proper load values applied. Emission circuit is reliable and noted for ease of operation. Has provisions for separate plate test on diodes and rectifiers and a neon shorts test to determine inter-element shorts and leakages. Two-inch Triplett model meter with 3-color "GOOD-BAD" direct reading dial. Shadow type a.c. meter for line voltage adjustment. Only five operations to test any tube. Quartered oak case with handle; 9x8 1/2 x 7". Silver and black etched panel. Shpg. wt. 18 lbs. K21645—**Your Cost.....\$21.17**

Readrite No. 431 Tube Tester

Model 431—Checks all receiving tubes (no ballast test). Uses Readrite meter. Same size and case as above. K21469—**Your Cost.....\$15.58**

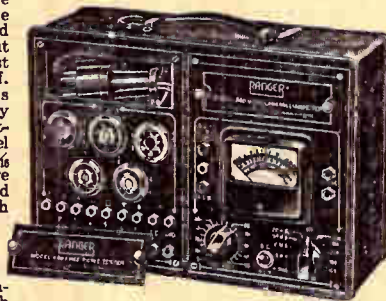
Readrite Model 540 D.C. Signal Generator



Has new plug-in coils peaked with trimmer condensers and individually calibrated. Five bands from 110 to 20,000 kc.—all fundamentals. Guaranteed accuracy 1% from 110 to 3000 kc.; 2% for higher frequencies. Completely shielded for static and magnetic fields. Both modulated and unmodulated signals are provided. Three 1 1/2-volt cells, 45 volts of "B" and two type-30 tubes are provided with necessary accessories. Metal case, 5 1/2 x 7 1/2 x 4 1/2". Wt. 12 lbs. K21574—**Each...\$19.11**

READRITE DUAL-UNIT COMBINATIONS

You can now have the ultimate in portable test instruments and at the same time cut your instrument cost per call more than half. These combinations are housed in sturdy metal cases with attractive black enamel finish. Case size is 11 1/2 x 7 1/2 x 4 1/2". Panels are modernistic silver and black. Back with strong leather strap handle and convenient built-in compartment with fitted cover. In 4 combinations. Shpg. wt., each 20 lbs.



No.	Model	Description	Your Cost
K21577	442-540	Tube Tester and Sig. Generator	\$36.16
K21578	442-740	Tube Tester and Volt-Ohm Mill.	
K21467	640-740	Free-Pint Tester and Volt-Ohm Mill.	\$27.78
K21472	540-740	Signal Generator and Volt-Ohm-Mill.	\$36.75

Readrite Model 640 Free Point Tester

Generally used with Model 740 Volt-Ohm-Milliammeter. Has 5 sockets with standard R.M.A. markings for servicing sets using any type tubes. Panel also includes eight automatic switch-type and ten single-action jacks. All series and parallel instrument connections are made through the set sockets. Complete with set sockets and cables. In black metal case, 5 1/2 x 7 1/2 x 4 1/2". K21575—**Each.....\$10.14**

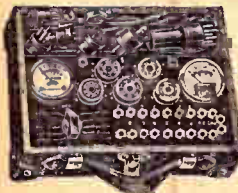


Readrite Model 557 All-Wave Signal Generator

With individually calibrated plug-in coils covering 110-20,000 kc. in 5 bands, all fundamentals. 1% accuracy for broadcast and intermediate; 3% accuracy for short-wave. Completely shielded. Includes all batteries and two type 30 tubes. Leatherette case, 12x6 1/2 x 5 1/4". Puts out both modulated and unmodulated signals. Shpg. wt. 12 lbs. K21470—**Your Cost.....\$18.52**



Readrite Model 720A Radio Analyzers



READRITE VOLT-OHM-MILLIAMMETER

Model 736—Has A.C. and D.C. ranges, molded case with rounded corners, individual zero adjustment for resistance measurement. Furnished complete with accessories. Readings: A.C. and D.C. 0/15/150/750, at 1000 ohms per volt D.C. and 400 ohms per volt A.C. D.C. mills, 0/1 1/2/15/150. Low ohms, 1/2 to 1000. High ohms, 0/100,000. External batteries may be used for higher resistance measurements. Molded case, 3 1/2 x 5 1/2 x 2 1/2". Silver and black panel. Test leads, alligator clips, and instructions. Shpg. wt. 5 lbs. K21646—**Your Cost.....\$11.76**

Model 737—D.C. readings only. Ranges: d.c. volts 0/15/150/750 at 1000 ohms per volt; d.c. mills, 0/1 1/2/15/150. Low ohms 1/2 to 1000. High ohms 0/100,000 at 1 1/2 volts. Case same as 736. K21647—**Your Cost.....\$9.11**

Model 735—Similar to above with selector switch. K21471—**Your Cost.....\$10.58**

K21579—Leather carrying case for all models.....\$3.53



Readrite Model 442 All-Tube Tester

Checks ALL tubes including ballast tubes. Has direct reading "GOOD-BAD" scale Triplett model 221. Proper voltage loads are applied to tubes under test. Circuit is designed to indicate all inter-element shorts and leaks. Uses approved emission circuit. A.C. meter for line volts adjustment. Operates on 110 volts, 60 cycles a.c. In sturdy black metal case, 5 1/2 x 7 1/2 x 4 1/2". Shpg. wt. 12 lbs. K21573—**Your Cost.....\$18.52**



READRITE TUNING METERS

Four popular types available with either 10 or 15 milliamperere movements. Mounted in strong metal cases. Types C and D are shadow illuminated and have translucent screens; types A and B have glass dials. Types A and C are bottom illuminated. B and D rear illuminated. All with 6" connecting cable. Stock No. 10 Ma. 15 Ma. Type Your Cost

K11182	K11183	A	88c
K11186	K11187	B	
K11190	K11191	C	
K11295	K11296	D	

Escutcheon Plates
K11293—For Type A-B.
K11294—For Type C-D.
Your Cost Each.....**18c**



Point-to-Point tests through an 8-conductor cable on ALL glass and metal tube sets. Measures resistance, capacity and continuity and will check the voltage of any tube circuit. Point-to-point tests made by plugging into set sockets. Employs two meters—rugged, compact and accurate. D.C. scales: 15/150/300/600 volts. A.C. scales: 10/25/150/750 volts. Leatherette case, 11x8x4 1/2". Shpg. wt. 10 lbs. K21473—**Your Cost.....\$14.70**

READRITE Model 730A Tester

As above, but with Triplett 1000 ohm per volt meter. K21474—**Your Cost.....\$18.23**

READRITE Model 710A Tester

Similar to 720A, but with 3 meters. K21475—**Your Cost.....\$16.17**

READRITE Model 712A Tester

Similar to Model 710A, but with Triplett 1000-ohm-per-volt d.c. volt-meter. K21476—**Your Cost.....\$21.76**

Triplett Converter For A.C. Tube Testers

For use with battery model sets where commercial power is not available. Converts 6-volts d.c. to 110 volts 50-60 cycles a.c. Provides 50 watts, sufficient for most testers. Relatively low battery drain. In crackle finished case, size: 4 1/2 x 6 1/2 x 8". Shpg. wt. 20 lbs. K21623—**Your Cost.....\$19.60**



FUSES and METER ACCESSORIES



STERLING Panel Meters



A line of efficient test meters having 2" scale diameter, 2 3/4" overall. Chromium plated flange. For front of panel mounting. Sensitive movements, highly accurate. Scale is long, and easily legible. Binding post terminals on back of case. Shpg. wt. each 2 lbs.

D.C. Milliammeters

Stock No.	Range	Your Cost
K10888	0-5 Ma.	\$1.32
K10889	0-10 Ma.	1.18
K10890	0-15 Ma.	
K10891	0-25 Ma.	
K10892	0-50 Ma.	
K10893	0-100 Ma.	
K10894	0-150 Ma.	
K10895	0-200 Ma.	
K10896	0-300 Ma.	
K10897	0-400 Ma.	

59¢

D.C. Ammeters

K10898	10-0-10 Amps	59¢
K10899	20-0-20 Amps	

RADIO CITY Shunts

For increasing range of milliammeters. Individually calibrated; accurate to within 1% of rated value. Pigtail wire leads, and binding posts. 1-watt. All 2 1/2 x 3/8" diameter.

For 27 Ohm Meters			
No.	Mils.	No.	Mils.
K10848	5	K10852	100
K10849	10	K10853	250
K10850	25	K10854	500
K10851	50	K10855	1000

For 30 Ohm Meters			
No.	Mils.	No.	Mils.
K10856	5	K10860	100
K10857	10	K10861	250
K10858	25	K10862	500
K10859	50	K10863	1000

For 50 Ohm Meters			
No.	Mils.	No.	Mils.
K10864	5	K10868	100
K10865	10	K10869	250
K10866	25	K10870	500
K10867	50	K10871	1000

Your Cost Each, Any Above Type. **82¢**

Nine-Wire Octal Analyzer Plug And Associate Adapters

9-Wire Lock-tite octal base plug permits modernization of all analyzers to work with the latest tubes and circuits. Adapters fit sockets as indicated. K11498—Lock-tite Analyzer Plug only. Your Cost Each. **\$1.03**



Analyzer Adapters Only

Stock No.	Type	Your Cost Each
K11493	8 to 4	58¢
K11494	8 to 5	
K11495	8 to 6	
K11496	8 to 7S	
K11497	8 to 7L	

Plug and Adapter Kit

Lock-tite octal base analyzer plug with grid plug, wired to 5-feet of 9-wire cable and with 8-prong socket and all adapters (5 in all). Complete as shown. Shpg. wt. 3 lbs. K11499—Your Cost. **\$5.40**

Universal Output Meter Adapter

Contacts plate prong of tube for connecting an output meter or other device. Fully insulated flexible 50" lead; phone tip at end. K11603—Your Cost Each. **18¢**

Universal Adapters

Universal adapters have all terminals brought out for rapid connections. K11630—4-Prong } **12¢**
K11631—5-Prong }
K11632—6-Prong }
K11633—7-Prong }
K11634—8-Prong (octal) 17¢

Continental Carbon Multiplier Resistors



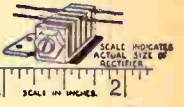
Popular sizes of resistors for use as meter range multipliers. 1-watt, semi-precision. Tolerance 5%; average units within 2% of rating. Resistors marked with an asterisk indicate units which allow for the 50 ohm internal resistance of the meter. When used with 0.5 ma. meters, divide volt range by two.

No.	Ohms	Volts	No.	Ohms	Volts	No.	Ohms	Volts
K12286	1450	1.5*	K12298	10000	10	K12310	20000	200
K12287	2950	3*	K12299	19500	13.5	K12311	25000	250
K12288	3500	3.5	K12300	15000	15	K12312	30000	300
K12289	4450	4.5*	K12301	25000	25	K12313	45000	450
K12290	4950	5*	K12302	30000	30	K12314	50000	500
K12291	5000	5	K12303	50000	50	K12315	60000	600
K12292	5500	5.5	K12304	60000	60	K12316	75000	750
K12293	5950	6*	K12305	75000	75	K12317	80000	800
K12294	7450	7.5*	K12306	85000	85	K12318	90000	900
K12295	8500	8.5	K12307	90000	90	K12319	1 Meg.	1000
K12296	8950	9*	K12308	100000	100			
K12297	9950	10*	K12309	150000	150			

Your Cost Each, Any Size. **18¢**

Copper Oxide Rectifier

Converts d.c. milliammeters of 15 ma. or less to a.c. milliammeters. With proper resistors can measure up to 1000 volts. Only 1/2 x 3/8". Instructions furnished for all changeovers and new instruments. K10570—Your Cost. **\$2.95**



Copper Oxide Rectifiers

Miniature type, 3/8" square. For d.c. meters drawing less than 5 ma. K10566—Your Cost. **\$2.15**



20 Ma. Capacity

Circular type, 3/4" long by 1/4" diam. Lug terminals. K10567—Your Cost. **\$1.88**

50 Ma. Capacity

1 1/4" long, 3/4" diameter. Maximum voltage, 600. K10568—Your Cost. **\$1.75**

Fuse Mounts Panel Type
Composition base, nickel plated brass contacts. Single hole mounting. Solder lugs. K12329—Your Cost. **6¢**

Sub-Panel
As above, but for sub-panel mtg. Centers 1 1/2". K12330—Your Cost. **6¢**

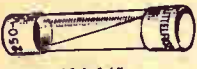
Radio and Auto Fuses

Available in 1, 2, 3, 4, 5, 6, 8, 10, 15, 20, 25, 30 amp. sizes. Specify size desired. K13189—Tin of 5 (any one size). Your Cost. **14¢**



LITTLEFUSES for Radio Sets and Amplifiers

Approved by the Underwriters. Protect equipment. 1 1/2 x 1/4".



Stock No.	Amps.	V.	Your Cost Each	Doz.
K12378	1 1/2	250	5¢	50¢
K12379	1 1/2	250		
K12380	2	250		
K12381	3	250	9¢	\$1.00
K12396	500	500		
K12397	500	500		
K12398	500	500		
K12399	500	500		

Extractor Fuse Post

For panel mounting. Molded Bakelite case; approved by Underwriters. Takes standard 1 1/2" fuse (radio type). Screw in type fuse retainer. 3/8" diameter threaded bushing for panels up to 1/2" thick. Solder lug terminals. Mounting nut supplied. K12326—Your Cost Each. **24¢**

'Meter-Back' Mounting

Mounts directly on any meter terminal. Will not touch the other posts. K11049—Your Cost. **12¢**



LITTELFUSE Products

LITTLEFUSES for Test Instruments

Designed to protect delicate test instruments. Dependable and accurate. Break circuit immediately on reaching blow point. Length 1", diam. 1/4". May be used on 250 volts, a.c. or d.c.



Stock No.	Rating Amps.	Max. Load Ma.	Res. on 5 Ma. Load	Your Cost Each	Your Cost Doz.	V-M Ohms Per V.	To Protect Milliammeters
K12339	1/200	5	500	18¢	\$1.95	over 1000	Galv.
K12385	1/100	10	110	12¢	\$1.32	1000	up to 0-1
K12386	1/50	25	20			500-1000	1-10
K12387	1/25	60	5			100-500	10-25
K12388	1/10	100	3			20-100	25-75
K12389	1/5	100	1.5	9¢	\$1.00	20-100	25-75
K12390	1/2	200	6.2			10-20	75-150
K12391	1/1	300	3.0			5-10	150-250
K12392	1/1/2	400	2.5	6¢	65¢	250-350	
K12393	1/2	600	.4			350-500	
K12394	1	1000	.24			500-750	
K12395	2	2000	.14			1000-1500	



Bakelite Fuse Mounts
Molded Bakelite bases. Plated fuse clips are slotted—grip fuse firmly. Easy to mount.



Panel Type
Base size 1 1/2 x 3/4 x 1/4". Take the 1" Littlefuses (instrument type). K12383—Your Cost. **9¢**
For standard 1 1/2" radio fuses. K12324—Your Cost. **8¢**
Plated copper fuse clips only. K12377—Your Cost Each. **2¢**

Sub-Panel Type
Have 1" studs having 6-32 thread. For 1" instrument type fuses only. K12382—Your Cost. **12¢**
For standard 1 1/2" radio fuses. K12327—Your Cost. **9¢**

10 For 12¢

High Voltage Littlefuses

Fuse wire blows each 1/2" of its length. Blow at 50% above rating. 1000 Volt 5000 Volt

Stock No.	Your Cost	Amps.	Stock No.	Your Cost
K12350	24¢	1/2	K12360	41¢
K12351	21¢	3/4	K12361	41¢
K12352	21¢	1	K12362	38¢
K12353	21¢	1 1/2	K12363	38¢
K12354	21¢	2	K12364	38¢
K12355	24¢	3	K12365	44¢
K12356	24¢	4	K12366	44¢
K12357	24¢	1 1/2	K12367	44¢
K12358	24¢	2	K12368	44¢

LITTELFUSE Auto Fuses

Lower resistance than standard fuses. 1 1/2 x 1/4".

Stock No.	Your Cost
K12320—5 amps.	3¢ ea.
K12321—10 amps.	
K12322—15 amps.	
K12323—20 amps.	

Shielded Fuse Mounting

Approved by the Underwriters. Fully shielded by a metal cover. Complete with mounting screws. For standard radio fuses. 2 1/2 x 1/2 x 1/4". K12325—Your Cost. **12¢**



TEST INSTRUMENTS, METERS and ACCESSORIES



EBY Electric



E-12 Cell
Unaffected by continuous exposure to light. Reacts both to intensity and frequency of incident light rays. 1.35" long, 1 1/2" diameter; maximum voltage 250, recommended 150; maximum current 200 microamperes; window area, .11 sq. inches; sensitive to both visible and invisible light; fits standard 4 prong socket; performs functions accurately completed in one ten-thousandth of a second. Entirely electronic in action. Electrodes hermetically sealed in molded bakelite case. Suitable for industrial applications. Shpg. wt. 2 lbs.

K14170—EBY E-12 Cell
Your Cost \$3.18

Model ER-12 Relay



Designed for DC operation, where the available power is relatively small. Its low power consumption makes it ideal for use in photo-electric control equipment, vacuum tube amplifier circuits, etc. Standard value of coil resistance is 1000 ohms. 2500, 5000 and 10,000 ohms available on order. Rated at 11.25 milliwatts, but will operate on as little as 1.25 mw. Sterling silver contacts carry 2.5 amperes at 115 volts a.c., or 1.5 amperes at 115 volts d.c. Switch is single-pole double throw. Shpg. wt. 2 lbs.

K14171—Your Cost \$4.15

LAFAYETTE Meters

0-1 Ma. D.C. 3" Square Type

D'Arsonval moving coil type movement with 50 ohms sensitivity (50 mv.). In 3" square bakelite case requiring 2 3/4" panel hole. With zero adjuster. Precision construction. Shpg. wt. 2 lbs.

K10694—Scale reads 0-1. Milliampers d.c.
K10696—Scale reads: Lo-ohms 500; Hi-ohms 0-100,000; d.c. ma. 0-1-100; d.c. volts 0-10-100-500-1000.

Your Cost Each, Either Type..... \$3.23

Volt-Ohm-Milliammeter Kit

Complete kit of shunts, multipliers, posts, switches, fuse, safety button, battery, etc.—with above meter (K10696). When completed, following ranges are provided: Lo-ohms 0-500; Hi-ohms 0-100,000; d.c. ma. 0-1-100; d.c. volts 0-10-100-500-1000. With diagram and instructions and undrilled 7x10" panel. Shpg. wt. 6 lbs.

K10695—Complete Kit, Each..... \$7.95

RURAL Meter Tester

Combination Tube Tester and Analyzer operating from self-contained power supply. Just the thing for the rural serviceman who works in sections not equipped with electric current. Tube tester makes all regulation tests. Analyzer d.c. volt ranges—0 to 10-100-300; resistance ranges 0-1000-100,000—1 Meg. Shpg. wt. 15 lbs.

K21665—Your Cost..... \$39.15



PESE Photo Cell and Supersensitive Relay

A photo-conductive cell that varies its resistance from dark to bright light at a ratio of approx. 18 to 1. Will pass 150 microamperes at 90 volts. This is sufficient current to operate moving-coil relays without amplification. Relay will operate with as little as 1 ma. Secondary contacts will handle up to 1 amp., 3000 ohms d.c.

K14187—Photo Cell—Your Cost..... \$1.50

K14188—Relay—Your Cost..... 3.00



TOBE Condenser Analyzer

Accurately tests all condensers—electrolytic, paper, mica, oil—from .00005 mfd. to 100 mfd., for leakage, open and short circuit, and intermittent internal connection. Has built-in power supply (110 v. 60/60 cycles a.c.) giving 700 v. d.c. Neon glow tube shows leakage. Uses an 01A tube. Metal case, 3 1/4 x 4 1/2 x 7 1/2". With clip leads.

K10465—With Neon tube, less 01A—Each. \$11.40

Beede Illuminated D.C. Milliammeters



Model 311
Overall diameter 2 3/4". Bakelite case. Furnished with translucent dial scale; circular cutout in meter back for mounting pilot light socket (listed below). Entire scale becomes illuminated. Meter has D'Arsonval movement, accurate to within 2%. Sapphire bearings, zero adjustment, aluminum pointer.

Stock No. Range Your Cost
K11196 0-1 Ma. \$3.97
K11197 0-10 Ma. \$3.24
K11198 0-100 Ma. \$3.24
K11199 0-200 Ma. \$3.24

Plug button bayonet base pilot light socket for above.
K11173—Your Cost..... 12¢

MODEL 701—3 1/4"

Similar to Model 311, but 3 1/4" in diam., and in metal case. Metal etched scale. Not illuminated.

Stock No. Range Your Cost
K11174 0-1 Ma. \$3.53
K11175 0-10 Ma. \$2.79
K11176 0-200 Ma. \$2.79
K11177 0-500 Ma. \$2.79



HOYT Hot-Wire Antenna Ammeter

For measuring the output of small transmitters. Not affected by variations in frequency. 3" overall diameter; mounts in 2 1/4" hole.
K10445—Range, 0-1.5 amperes.
K10446—Range, 0-3 amperes.
K10447—Range, 0-5 amperes.

Your Cost..... \$3.23

NEW! The RIDER "CHANALYST"



Testing with the Chanalyst is done without adapters or plugs. It permits a systematic, time-saving method of checking a receiver from antenna to loudspeaker. The following outlines the major tests possible with this unit:

- * Traces signal from antenna to speaker in R.F., I.F. or A.F. stages. This permits determining where signal exists, dies, becomes weakened, distorted, etc.
- * Checks actual operating voltages, without loading the circuit.
- * Accurately checks control voltages, such as AFC, AVC, Grid (a.c. and d.c.), etc.—without interfering with set operation.
- * Check osc. freq. in a superhet.
- * Instantly check wattage consumption of a receiver during actual operation.

Provides 5 test channels, with separate indicators, so that the 5 basic sections of any set may be thoroughly tested. Instrument operates from any 115-120 v., 50-60 cycle a.c. supply. 25-40 cycle instrument supplied on order. Shpg. wt. 30 lbs.

K21666—Your Cost..... \$107.50

READRITE Square & Round Meters

Model 55 (round) and Model 95 (square) are flush-mounting panel meters, finished in bright nickel and black enamel, respectively. Both require a 2 3/8" hole. D.C. units are the polarized vane, solenoid type. A.C. units are double-vane repulsion type. Round meters of the clamp-on type, supplied with clamp.



D.C. MILLIAMMETERS

Model 55			Model 95		
No.	Range	Each	No.	Range	Each
K11050	0-5	\$1.32	K11150	0-1	\$1.53
K11100	0-10	1.18	K11151	0-1	1.39
K11101	0-15	.59	K11152	0-5	.80
K11102	0-25	.59	K11153	0-5	.80
K11103	0-50	.59	K11154	0-8	.80
K11104	0-100	.59	K11155	0-10	.80
K11105	0-150	.59	K11156	0-15	.80
K11106	0-200	.59	K11157	0-25	.80
K11107	0-300	.59	K11158	0-25	.80
K11108	0-400	.59	K11159	0-50	.80
K11110	0-15/150	1.18	K11161	0-50	1.38

D.C. AMMETERS

K11091	0-1	.59	K11162	0-1	.79
K11092	0-3	.59	K11163	0-3	.79
K11093	0-5	.59	K11164	0-5	.79
K11094	0-10	.59	K11165	0-10	.79
K11096	3-0-3	.59	K11167	0-10	.79
K11097	6-0-6	.59	K11168	0-10	.79
K11098	10-0-10	.59	K11169	0-10	.79
K11099	20-0-20	.59	K11170	0-10	.79

A.C. MILLIAMMETERS

K11087	0-50	1.62	K11090	0-50	1.82
K11088	0-100	1.62	K11091	0-100	1.82
K11089	0-250	1.62	K11092	0-250	1.82
K11090	0-500	1.62	K11093	0-500	1.82

A.C. AMMETERS

K11081	0-1	1.62	K11094	0-1	1.82
K11082	0-3	1.62	K11095	0-3	1.82
K11083	0-5	1.62	K11096	0-5	1.82
K11084	0-10	1.62	K11097	0-10	1.82
K11085	0-50	2.20	K11098	0-50	2.40

D.C. VOLTMETERS

Model 55			Model 95		
No.	Range	Each	No.	Range	Each
K11051	0-1	\$0.59	K11009	0-1	\$0.79
K11052	0-3	.59	K11010	0-3	.79
K11053	0-5	.59	K11011	0-5	.79
K11054	0-6	.59	K11012	0-6	.79
K11055	0-8	.59	K11013	0-8	.79
K11056	0-10	.59	K11014	0-10	.79
K11057	0-15	.59	K11015	0-15	.79
K11059	0-25	.59	K11016	0-25	.79
K11060	0-25	1.62	K11017	0-25	1.82
K11061	0-50	.59	K11018	0-50	.79
K11062	0-50	154400	1.91	K11019	2.12
K11063	0-100	6500	.88	K11020	1.09
K11064	0-100	30888	1.03	K11022	2.12
K11065	0-150	9750	1.03	K11023	1.23
K11066	0-150	46320	1.91	K11024	2.12
K11067	0-300	92640	1.91	K11025	2.12
K11068	0-500	154400	2.65	K11026	2.85
K11069	0-60/300	92640	2.65	K11027	2.85

A.C. VOLTMETERS

No.	Range	Each	No.	Each
K11072	0-4	\$1.62	K11028	\$1.82
K11073	0-6	1.62	K11029	1.82
K11074	0-10	1.62	K11030	1.82
K11075	0-15	1.62	K11031	1.82
K11076	0-150	2.65	K11032	2.85
K11077	0-300	3.23	K11033	3.44
K11079	0-750	4.56	K11034	4.76
K11080	0-10-140	2.65	K11035	2.85

Wide Flange for Model 55 (Round) Meters
2 3/4" outside diameter. Black enamel finish.
K11041—Your Cost Each..... 9¢

TRIPLETT PRECISION PANEL METERS



7" Illuminated Foundation Instrument 25,000 Ohms-Per-Volt



New volt-ohm-mill. meter foundation instrument with 25,000 ohms-per-volt sensitivity. Has extra long 6" scale with calibrations for: d.c. volts from 0-10-50-250-1000 at 25,000 ohms/volt; d.c. microamperes from 0-50-250, milliamperes from 0-1-10-50-250-500; resistance, low ohms, backup circuit, 1/2 to 500; high ohms 20,000, 200,000 and 2 megohms at 1 1/2 volts; a.c. volts from 0-10-50-250-1000 at 1000 ohms/volt. Each scale in contrasting color. Heavy glass dial. Molded case. Edgewise illumin-

ated dial. Shpg. wt. 4 lbs.
K11364—Your Cost, Model 726. \$17.97

Smaller Size Foundation Instruments

As above, but not illuminated and with black and white scales. All 25,000 ohms-per-volt. Same scale ranges as 7" model above.

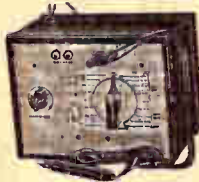
Model 321 Foundation Instrument. 3" round case.
K11365—Your Cost. \$9.80

Model 426 Foundation Instrument. 4" square case.
K11366—Your Cost. \$10.95

Model 521 Foundation Instrument. 5" round case.
K11367—Your Cost. \$11.44

A.C.-D.C. Control Box

Designed for use with the above foundation instruments. Provides complete voltage, current and resistance measurements (as listed above) when used with any of the instruments. Completely assembled in sturdy metal cabinet finished in black wrinkle. Includes all necessary resistors mounted on bakelite and pre-calibrated; battery selector switch; plug-in copper oxide rectifier; test leads and instructions. Can be used detached or fixed to a panel with the meter. Shpg. wt. 6 lbs.



K11439—Your Cost, Completely Assembled. \$15.36

Same as above, but without the metal control box. Completely assembled on panel. Shpg. wt. 5 lbs.

K11440—Your Cost. \$14.21

Kit of Parts Only: All parts, including wires, screws, nuts, etc. and the metal control box. Unassembled. Instructions furnished. Shpg. wt. 6 lbs.

K11441—Your Cost, Complete Kit of Parts. \$10.95

1000 Ohms-Per-Volt Foundation Meters



0-1 d.c. milliammeter Foundation Instruments with internal resistance of 100 ohms (1000 ohms-per-volt). Scales read: 0-10-50-250-500-1000 volts; 0-1-10-50-250 milliamperes; low ohms, 2 to 500; high ohms to 100,000. Shpg. wt. each, 3 lbs.

- K11442—Model 321. 3" Round. \$4.90**
- K11388—Model 326. 3" Square. 4.90**
- K11278—Model 421. 4" Round. 6.20**
- K11297—Model 521. 5" Round. 6.86**
- K11285—Model 726. 7" Square. 11.43**

SHUNTS AND RESISTORS FOR ABOVE INSTRUMENTS

Resistors, on bakelite, for 0-10-50-250-500-1000 volts. **\$7.17**

K11368—Your Cost.

Shunts for 0-1-10-50-250 ma.; current limiting resistors for low and high ohms and shunt for low ohms.

K11369—Mounted on bakelite. Your Cost. \$2.28

K11370—Zero adjust. rheostat for ohms ranges. Each. .65c

Multi-Deck Selector Switch (2 decks). With knob. \$1.63

K11371—Your Cost.

Power Level Indicators



For measuring noise levels in P.A., theaters, broadcast stations, etc. Range reads up 6 and down 10 db. Zero db at 1.73 volts.

500 ohm lines, 6 milliwatts. Standard damping. Wt. 3 lbs.

Model 321. 3" dia. **\$11.76**

K11446—Each.

Model 421. 4" dia. **\$12.91**

K11447—Each.

Decibel Meter Kit: Includes

K11446 3" meter, selector switch,

9 wire-wound multipliers on bakelite board, hook-up wire and diagrams.

K11448—Your Cost. \$19.60



Universal 3" A.C. D.C. Meter



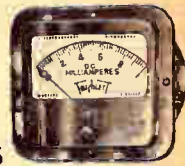
Uses copper oxide rectifier in advanced circuit; low losses due to rectification. Using multipliers, scales are: 0-15-150-750 volts a.c., or

d.c., at 1000 ohms per volt, 0-1.5-15-150 d.c., ma., 0-15-150 a.c., ma., 0-1500 ohms, 0-1.5-3 megohms. Accuracy on d.c. 2%, on a.c., 5%. With D.P.D.T. switch for a.c. to d.c. change. Ideal foundation instrument for servicemen's test outfit.

K11291—List \$15.00 \$9.80
Your Cost.



ROUND AND SQUARE CASE PANEL METERS



Incorporate precision engineering, the finest materials and workmanship. Molded cases, all terminals molded in. Sapphire jewels in adjustable screws. Accuracy within 2%. Models 221 and 231 are 2 1/4" overall diam.; models 321 and 331 are 3 1/4" overall diam.

D.C. Milliammeters—Round and Square Case

Range	2" Round 2" Square Mod. 221 Mod. 227		Each	3" Round 3" Square Mod. 321 Mod. 327		Each	4" Square Mod. 426		Each
	No.	No.		No.	No.		No.	No.	
0-1	K11208	K11288	\$3.75	K11200	K11320	\$4.57	K11336	\$5.88	
0-1.5	K11209	K11289	3.75	K11201	K11321	4.57			
0-3	K11415	K11290	3.75	K11411	K11322	4.57			
0-5	K11416	K11298	2.94	K11412	K11323	3.75	K11337	4.90	
0-10	K11210	K11299	2.94	K11202	K11324	3.75	K11338	4.90	
0-15	K11211	K11300	2.94	K11203	K11325	3.75	K11339	4.90	
0-25	K11398	K11306	2.94	K11394	K11326	3.75	K11340	4.90	
0-50	K11212	K11309	2.94	K11204	K11327	3.75	K11341	4.90	
0-100	K11213	K11311	2.94	K11205	K11328	3.75	K11342	4.90	
0-150	K11417	K11312	2.94	K11413	K11329	3.75	K11343	4.90	
0-200	K11214	K11313	2.94	K11206	K11330	3.75	K11344	4.90	
0-250	K11418	K11314	2.94	K11414	K11331	3.75	K11345	4.90	
0-300	K11287	K11315	2.94	K11395	K11332	3.75	K11346	4.90	
0-500	K11215	K11316	2.94	K11207	K11333	3.75	K11347	4.90	
0-750	K11400	K11317	2.94	K11396	K11334	3.75	K11348	4.90	
0-1000	K11401	K11318	2.94	K11397	K11335	3.75	K11349	4.90	

D.C. Microammeters—Round and Square Case

Range	No.	Each	No.	Each	No.	Each
0-50	K11352	.....	K11354	\$9.80	K11358	\$10.95
0-100	K11353	.....	K11355	8.50	K11359	9.63
0-200	K11432	\$6.86	K11434	7.84	K11360	9.14
0-500	K11433	5.07	K11435	6.05	K11361	7.03

A.C. Voltmeters—Round and Square Case

Range	2" Round 2" Square Mod. 231 Mod. 237		Each	3" Round 3" Square Mod. 331 Mod. 337		Each	4" Square Mod. 436		Each
	No.	No.		No.	No.		No.	No.	
0-5	K11280	K11449	\$2.94	K11273	K11459	\$3.75	K11466	\$4.90	
0-10	K11281	K11454	2.94	K11274	K11460	3.75	K11467	4.90	
0-15	K11282	K11455	2.94	K11275	K11461	3.75	K11468	4.90	
0-25	K11283	K11456	2.94	K11276	K11462	3.75	K11469	4.90	
0-50	K11284	.....	2.94	K11277	.....	3.75			
0-150	K11286	K11457	3.75	K11279	K11463	4.55	K11470	5.88	
0-300	K11409	K11458	4.73	K11406	K11464	5.39			
0-15-150	.....	.....	.....	K11408	K11465	6.05			

D.C. VOLTMETERS

Model 321—1000 Ohms/Volt

No.	Range	List	Each
K11240	0-10	\$4.25	\$5.39
K11241	0-50	8.25	
K11242	0-100	8.75	\$5.71
K11243	0-150	8.75	
K11244	0-500	11.00	7.18
K11245	0-1000	25.25	16.49

A.C. MILLIAMMETERS

Model 331

No.	Each	Ma.	No.	Each
K11419	.....	0-10	K11420	.....
K11265	\$3.75	0-15	K11269	\$2.94
K11266	.....	0-25	K11270	.....
K11267	.....	0-50	K11271	.....
K11268	.....	0-100	K11272	.....
K11421	\$3.75	0-250	K11423	\$2.94
K11422	.....	0-500	K11424	.....

D.C. VOLTMETERS

125 Ohms per Volt

Model 321		Model 221	
No.	Each	Range	Each
K11230	.....	0-5	K11247
K11231	\$3.75	0-10	K11248
K11232	.....	0-15	K11249
K11233	.....	0-25	K11250
K11234	\$3.75	0-50	K11251
K11236	.....	0-150	K11253
K11237	4.57	0-250	K11254
K11404	6.04	0-500	K11405

A.C. AMMETERS

Model 331

No.	Each	Amps.	No.	Each
K11259	\$3.75	0-1	K11260	\$2.94
K11256	.....	0-3	K11261	.....
K11257	\$3.75	0-5	K11262	\$2.94
K11258	.....	0-10	K11263	.....
K11259	\$4.55	0-25	K11264	\$3.75
K11429	.....	0-30	.....	.....

D.C. AMMETERS

Model 321

Model 321		Model 221	
Stock No.	Your Cost	Range	Stock No.
K11216	.....	0-1	K11223
K11217	\$3.75	0-5	K11224
K11218	.....	0-10	K11225
K11219	.....	0-50	K11226

Thermo-Couple Type Radiation Ammeters

Model 341, 3"

No.	Cost	Amps.	No.	Each
K11389	0.5	K11428	.....
K11390	1.5	K11430	.....
K11391	\$6.54	1.0	K11425	\$5.71
K11392	2.5	K11426	.....
K11393	5.0	K11427	.....

Replacement couples on order; any range, specify. Each \$2.62

TRIPLETT ILLUMINATED PANEL METERS

On special order only. Specify type desired when ordering.

FRONT ILLUMINATION (Bulb replaceable from front)

On models 321, 331, 426, 436..... add 98c to prices shown

On model 341 Thermo Ammeters..... add \$2.28 to prices shown

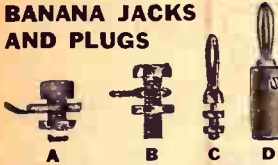
REAR ILLUMINATION

On models 221, 231, 227, 237..... add 39c to prices shown

On models 321, 331, 327, 337..... add 46c to prices shown

ANALYZER FITTINGS and ACCESSORIES

PLAIN & INSULATED BANANA JACKS AND PLUGS



Jack "A" has insulated shoulder and fits $\frac{1}{8}$ " hole; available in red or black to match plug "D". Jack "B" is of nickle plated brass, 1" long. Plug "C" is of spring brass, $1\frac{1}{8}$ " long. Plug "D" has insulated screw end for solderless connection in red or black. Specify color when ordering.

No.	Type	Each	10 For
K12916	A	6c	48c
K12923	B	4c	32c
K12919	C	4c	32c
K12915	D	6c	48c

BANANA PLUGS



Both of brass, nickel-plated; fit standard jacks. Plain plug has $\frac{3}{32}$ " screw, $\frac{3}{8}$ " long, overall 1" long. Insulated plug has screw in side for solderless connections, $1\frac{1}{8}$ " long. In red or black. Specify color.

K12920—Plain plug. 4c
12 for 38c
K12921—Insulated plug. 7c

Midget Banana Plugs and Jacks



Insulated plug is 1" long and jack $\frac{3}{8}$ ". Plain plug is $\frac{3}{8}$ " long; jack is $\frac{1}{2}$ " and fits $\frac{1}{8}$ " hole up to $\frac{3}{8}$ ". Insulated types available in red or black. Specify color desired.

K12905—Plain jack } 4c each
K12906—Plain plug } 38c
Per Dozen
K12907—Insulated jack } 6c each
K12908—Insulated plug } 59c
Per Dozen

Midget Short Jacks



Bakelite insulation. $\frac{3}{8}$ " mtg. hole.
K 6548—Closed Circuit Jack.

K6549—Open Circuit Jack.
Your Cost Each, 14c
Either Type.
10 for. \$1.25

Binding Post With Banana Jack Top



Hole in top takes banana plug. Hole in stem for wire. In red or black. Specify color when ordering.
K12945—12 for 74c 7c
Your Cost Each

Giant Xmitting Plugs and Jacks



Improved heavy duty xmitting plugs and jacks. Insulated threaded heads and handles. Black, and black with red tracer handles. Ideal for diathermy work.

K12870—Plug. Red handle. $1\frac{1}{2} \times \frac{3}{8} \times 2\frac{3}{8}$ ". Each 15c
K12871—Plug. Black handle. $1\frac{1}{2} \times \frac{3}{8} \times 2\frac{3}{8}$ ". Each 15c
K12872—Jack. Red jacket. $1\frac{1}{2} \times \frac{3}{8}$ ". Each 35c
K12873—Jack. Black jacket. $1\frac{1}{2} \times \frac{3}{8}$ ". Each 35c

TEST ACCESSORY KIT

Solderless and interchangeable parts for all tests. 2 long and short prod handles, 2 plug-in prongs, 2 plug-in jacks, 2 insulated tapered lugs, 2 insulated needle point phone tips, 2 insulated alligator clips. In red and black for positive and negative identification. Packed in a neat box.
K12972—
Your Cost, Special \$1.15



Universal Tube-Checker Adapter for Metal Tubes



Enables any tube checker to test more than 85 metal and octal glass tubes. Toggles to test both plates of rectifiers and sections of "Twin" tubes. Etched metal plate on top of unit for permanent instructions. Shpg. wt. 4 lbs.
K11760—Your Cost. \$3.82

YAXLEY Pin Plugs



Bakelite insulation, polarized plugs. Positive spring contacts.
K6375—No. 635. 7-prong male.
K6379—No. 645. 7-prong female.
Your Cost, 59c
Either Type.
K6376—No. 625. 12-prong male.
K6380—No. 615. 12-prong female.
Either Type. Each 73c

Miniature Tube Caps For Metal Tubes



These tube caps are of nickle plated brass and are furnished tinned.
K14983—Adapter to fit any regular control-grid clip for contacting new miniature tube caps.
Your Cost Each 9c
K14984—Tinned brass grid clip for contacting miniature caps on metal tubes.
Type B—Per Dozen 8c 1c
Your Cost Each
K14985—Above with wire ferrule.
Type C—Per Dozen 8c 1c
Your Cost Each

NATIONAL Grid Clips

Freely by a slight pressure and easily removed. Tinned grip and for soldering. $1\frac{1}{8}$ " long.
K14434—Your Cost Each 3c
As above, for metal tubes. 3c
K14565—Your Cost 3c
Same as above, but for larger tubes as 866; also fits $\frac{1}{2}$ " tubing.
K14441—Your Cost Each 6c



Screen-Grid Clips

Fits all standard grid posts. Brass, tinned for easy soldering.
K14827—
Your Cost Each 1c
Your Cost, Per Dozen 6c
Your Cost, Per 100 3c

Caps for Glass Tubes

Insulated cap with solderless insulated plug and 12" lead. In red or black. State color.
K11727—
Your Cost 15c
As above, but heavy duty type. For transmitting tubes (866's etc.). Specify color. 19c
K11729—Your Cost
Same as K11727, but less plug. Heavily insulated spring clip insures positive contact. In red or black; specify color. 6c
K14712—Your Cost Each 6c
K14719—For metal tubes. 8c
Your Cost Each



Metal & Glass Tube Cap

Fits either type. With 11" lead and pin-tip. In red or black. Specify color with order.
K11728—
Your Cost Ea. 12c



Senior Tip Plug

All metal tip plug for tip jack use. Solderless connection. $1\frac{1}{8}$ " long.
K12943—Per Doz. 33c
Your Cost Each 4c

Junior Tip Plug

As above, but only 1" long.
K12944—Per Dozen 30c
Your Cost Each 3c

Standard Tip Plug

Nickel plated brass.
K14881—10 for. 6c
Per 100 50c

ALLIGATOR CLIPS

Available in plain and insulated types. Ends take prods or banana plugs. Insulated types in red and black. Specify color desired. All have firm spring grips that retain their strength. 2" clip is $\frac{1}{4}$ " wide, $2\frac{3}{4}$ " clip, $\frac{3}{8}$ " wide. Ideal for meters.

No.	Length	10 For	Each
K12955*	2"	32c	4c
K12956*	2 $\frac{3}{4}$ "	45c	5c
K12911†	2 $\frac{1}{2}$ "	65c	7c
K12909†	3 $\frac{1}{2}$ "	70c	8c

*Plain type †Insulated type



INSULATED ANALYZER FITTINGS

Will add to the appearance and efficiency of any analyzer. All numbers are available in red or black; specify color desired when ordering.



Needlepoint prods that take standard replaceable needle.
Figure 1. 4" test prod with banana plug tip. 15c
K12910—Your Cost
Figure 2. 5 $\frac{1}{4}$ " solderless needlepoint test prod. 15c
K12881—Your Cost
Figure 2. 7" solderless needlepoint test prod. 18c
K12884—Your Cost
Figure 3. Short test prod, 2 $\frac{1}{4}$ " long. K12912—
Your Cost Each 12c
Figure 4. Insulated needlepoint phone tip plug to fit test prods. 6c
K12913—Your Cost
Figure 5. Insulated plug with tapered lug. 6c
K12914—Your Cost
Deduct 10% when ordering lots of 10.

Insulated Tip Jacks

Have new type springs which provide sure grip contact. Mounts in $\frac{1}{8}$ " hole. In red or black. Specify color desired.
K12879—
Per Doz. 57c 6c
Your Cost Each



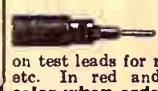
Combination Jack

New type, takes both phone tips and banana plugs. Fully insulated, with insulated washer. In red or black. Specify color desired.
K12925—Per Dz. 85c 8c
Your Cost Each



Sr. Insulated Prods

Solderless type; fit all standard tip jacks. Used on test leads for meters, analyzers, etc. In red and black; specify color when ordering.
K12973—1 $\frac{1}{2}$ " long prod. 6c
K12974—1" long.
Your Cost Each,
Either Type.
Per Dozen, Either Type. 59c



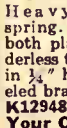
Insulated Spacers

$\frac{1}{8}$ " outside diameter, $\frac{1}{16}$ " inside. In red or black. Specify color.

No.	Height	Each	Dozen
K12938	2c	20c	
K12939	2c	20c	
K12940	2 $\frac{1}{2}$ c	24c	
K12941	3c	25c	
K12942	4c	35c	

Flush Type Tip Jacks

Heavy contact spring. Will take both plain and solderless tips. Mount in $\frac{1}{8}$ " holes. Nickle-plated brass finish.
K12948—12 for 30c
Your Cost 3c



Tip Jacks

For test equipment. Nickle-plated. Powerful bronze spring. $\frac{1}{4}$ " mtg. hole.
K12918—
Your Cost Each. 3c
Per Dozen. 29c



Cable Clamps

Heavy gauge steel. No. 6 mtg. hole. Cadmium plated.
K14951— $\frac{1}{4}$ " cable. 4 For 5c
K14952— $\frac{1}{2}$ " cable. 3 For 5c



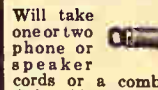
Midget Phone Plugs

Bakelite plug for use in portable radios, P-A systems, etc., where space is limited. Will fit all standard jacks.
K14960—Black 19c
K14963—Red
Your Cost Each



Double Phone Plug

Will take one or two phone or speaker cords or a combination of both. Colored insulation cap. Has tie loop for protection.
K14974—Black 19c 10 for
K14971—Red \$1.75
Your Cost Each



CARTER No. 2 Flat Plug

Molded bakelite. Only $1\frac{1}{8}$ " diam., by $\frac{1}{4}$ " thick. Screws hold tips.
K14964—
Each. 35c



BEST PRODS and ALIGNING TOOLS

Test Prod Kit



Spring prongs at the end of prods allow changing from spade lugs to phone tips or to spring clips. Handles are 6" long, 3/8" diameter. Needle point phone tips for piercing insulated wire. Five foot red and black kink-

less wire. Complete with two alligator clips, two needle point phone tips and two tapered lugs. **K12971—Your Cost..... 72c**

Similar to above, but without interchangeable feature—fixed ends. **K12882—Alligator clips. Your Cost per Set..... 49c**
K12883—Phone tips. Your Cost per Set..... 40c

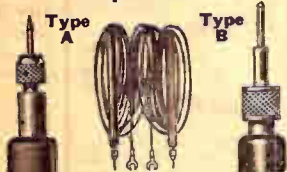
Laboratory Test Prods

Improved type. Bronze tip with needle point and heavy body. Double purpose—needle prod and phone tip prod. Heavy 5" long handles. Five foot red and black kinkless leads. **K12978—With spade tips. Your Cost, Either..... 42c**
K12979—Phone tips. Your Cost, Either..... 53c
K12980—Spring clips. Your Cost Each..... 53c

TEST LEAD BARGAIN!

87-inch test leads equipped with phone tips at one end and 3-inch insulated prods at the other. Flexible leads; both leads and prods are colored red and black. **K12989..... 22c**
Your Cost..... 22c

Needle and Solderless Tip Prods



Chucks and nuts hold plain phonograph needles (Type A). Fibre handles 4" long, 3/8" diam., in red and black, colored kinkless wire. Type B is solderless tip with long point.

PHONE NEEDLE TIP PRODS
 No. Wire Ends Each 10 For
K12976 Phone Tips 29c \$2.70
K12975 Spade Lugs 36c 3.40
K12977 Alligator 36c 3.40

SOLDERLESS TIP PLUGS
K12968 Phone Tips 25c \$2.40
K12969 Spade Lugs 25c \$2.40
K12970 Alligator 35c 3.30

Insulated Hex Wrench

Hexed entire length; cut worn end and have a new wrench. Stock No. Length Your Cost
K15148 6" 12c
K15149 8" 15c

FIBRITE Screw Driver

7" long; driver at both ends for all trimmers.
K15150—1/8" diameter..... 19c
K15151—3/16" diameter..... 25c

NEUTRALIZING & ALIGNING TOOL KIT

14 tools telescope into six units: a flexible screwdriver for hard-to-reach-spots, "magic" alignment tool, alligator side wrench, 6" insulated driver—metal nib, 3/8" and 1/2" nut wrench, 1/2" insulated square nut wrench, 1/2" hex metal side wrench, 2 3/8" insulated driver with metal nib, 1/2" hex slotted insulated wrench driver, 3/8" hex insulated nut wrench, 5" and 6" insulated driver. **K15088—List \$5.00 \$2.94**
Your Cost..... 2.94
 Similar to above, but less flexible screwdriver and "magic" aligning tool. Complete with leatherette case. **K15089—Your Cost, Complete..... \$2.30**



ALL-PURPOSE TEST LEAD KIT

Provides insulated fittings and test leads for every type of testing, housed in convenient leatherette pocket case. Includes 60" each of red and black kinkless rubber leads equipped with phone tips and banana-type plugs, plus the following plug-on fittings: 1 pr. insulated red and black alligator clips; 1 pr. red and black insulated spade lugs; 1 pr. red and black insulated needle points. **K12889—Complete in Leatherette Case \$1.32**
Your Cost..... 1.32

Neutralizing Tool

Has pen clip for pocket. 1/2" nut wrench with key slot, and aligning screwdriver. **K14915—Your Cost..... 28c**

Majestic Aligning Tool

Overall 2 1/2" long. Has screwdriver and offset socket for 1/4" hex nuts that extends tool handle 1 1/2". **K15085—Your Cost Each 23c**

For CROSLLEY RECEIVERS
 Extends tool 1 1/2". Has socket in end for 1/2" square nuts. **K15086—Each..... 10c**

For MAJESTIC RECEIVERS
 Similar to K15086 above, but has hex socket. **K15084—Your Cost..... 10c**

Aligning Wrench

For adjusting air trimmers on RCA and Philco 1936-'37 and '38 sets 3/4" Fenoline, 8 1/2" long. **K15144—Your Cost..... 73c**

Adjustable Balancer

All Fenoline—no metal parts. Screwdriver slides inside aligning wrench; other end has hex socket. **K15192—Extends 6" to 11" 34c**
Your Cost Each..... 34c
K15193—10" to 18" 49c
Your Cost Each..... 49c

Hex Socket Aligner

6" long with brass 1/4" socket head. Other end has hardened screwdriver bit. Shaft diam. 1/2". **K15104—Your Cost..... 28c**

NEW "PENCILITE" With Magnifying Lens

5 1/2" long, 5/8" diameter. Momentary push switch on top, or turn of top keeps light on steadily. Complete with long life bulb and battery. Specify red or black lacquer finish. **K15028—Your Cost..... 39c**
K15029—Extra batteries for above. Per Set..... 12c

Leatherette Case

\$2.30

5-IN-1 Aligner Kit

Combines in a fountain size tool, 1/2" and 1/4" nut wrenches, miniature blade screwdriver for all aligning and a full-size insulated handle screwdriver. **K15082—Your Cost..... 59c**

Aligning Tool Set

Two tools, one fits within other. One is 6" long, 3/8" diameter with fitted brass wrenches for 1/4" and 3/8" hex nuts. Other is 3/8" rod fitted with screwdriver nib and special magnetic steel. **K15083—Your Cost..... 65c**

Double Shank Trimmers

For Philco, RCA, etc. Screwdriver shank is 1/8" diameter—fits into 1/4" hole up to 1 1/4"; other end takes 3/8" hex nut. **K15105—6" long. Each 42c**
K15106—10" long..... 57c

Low "C" Aligner

A low capacity screwdriver for aligning superhets. Made of 1/4" Ameroid, silvered finish, with two driver nibs. One extends 1/2", for ordinary padding condensers. Other end has recessed screwdriver for permeability tuned circuits. **K15145—Your Cost..... 29c**

Dual Alignment Tool

One side has 1 1/2" screwdriver blade, opposite side has socket screwdriver for adjusting iron core tuning circuits. Handle 2 1/2" black Ameroid. Overall 6". **K15114—Your Cost..... 29c**

Push-Button Tuner Aligning Tool

Special for aligning variable permeability push-button tuning units. Black Ameroid handle 3/8" dia., 1 1/2" long; shank 4 1/2" long. Socket 1/2" dia., contains recessed screwdriver knob. **K15115—Your Cost..... 29c**

"LITTELFUSE" Neon Tattelite Tester

Made to fit the pocket fuses, live lines, open circuits, polarity, continuity tests, etc. Tiny neon lamp will glow on as little as 0.5 ma. Leads are color-coded and have phone tips. Can be used in making stroboscopes and oscillators. **K11310—Your Cost Each..... 59c**

Neon Tester

With this new Test-O-Lite you can find blown out 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 is protected by molded Bakelite case. **K12983—Your Cost..... \$1.10**

Sunco Neon Tuning Wand

Highly sensitive current measuring tube for use in transmitters. Measures peak currents, modulation, indicates neutralization of stage, maximum antenna output, 8 1/2" long, 3/8" D. **K11307—Your Cost..... \$1.50**

Pencil Type Test Leads

5" long handles of red and black phenolic. With rubber, kinkless wire. Molded finger grip tips with set screws for solderless connections. Overall length 65". **K12988—Your Cost..... 71c**

Streamlined Phone Tip Plug

Handsome, compact phone tip polished Ameroid connectors for all test instruments. Insert wire in hole and screw tip, avoiding soldering. Plug 1 1/2" l., 1/2" w. Specify Red or Black. **K12937—Your Cost Each 15c**

Snap Type Insulated Test Handle

A 6" fibre insulated tube fitted with spring contact jaws that separate by thumb pressure on knob. Splendid for tests in hard-to-reach places. **K14916—Red Handle. K14917—Black Handle. Your Cost Each..... 38c**

POLY-IRON Resonator Alignment Wand

For determining correct alignment. A 6" flexible rubber rod; one end brass loaded—the other, core steel. Placing either end in magnetic field of coil will indicate inductive condition. **K14978—Your Cost..... 59c**

Solid Tuning Wand

Similar to above, except that the body is solid insulation. **K14976—Your Cost Each 54c**



TOOLS and HARDWARE for



Sheet Metal Hole Punch

Constructed of finest tool steel, consists of two units, punch proper and an anvil for knocking out socket holes. Of inestimable value to the set builder, experimenter, serviceman.

Punches holes for sockets, electrolytics, etc., in metal chassis with a blow of hammer. Shpg. wt. 2 lbs.

Stock No.	Hole	Your Cost
K15291	3/8"	\$1.67
K15292	1/2"	
K15288	1"	
K15289	1 1/4"	
K15293	1 1/2"	
K15294	1 3/4"	
K15295	1 3/8"	\$1.98
K15290	1 1/2"	

PAWOOD All Purpose Circle Cutters



Cut holes in brass, aluminum, steel, wood, Bakelite, etc. Nos. 1, 2 and 4 cut holes from 1" to 4" in diam. No. 5, heavy duty type, cuts holes from 1" to 6 1/2" diam. No. 1, has extra beading cutter. All but No. 5 fit either round or square chucks either in power-driven or hand drills. Of finest heat-treated steel.

K14712—No. 5, 1/2" round shank. **Your Cost Each..... \$1.88**

K14713—No. 5, square shank. **Your Cost Each..... \$1.10**

K14711—No. 1. Above three. **Your Cost Each..... \$1.25**

K14712—No. 4. **Your Cost Each..... \$1.10**

K14714—Extra Blades. **Your Cost Each..... 24c**

Shearing Punch

This new punch permits the cutting of any size, odd shape hole (square, rectangular, hexagon, oblong, etc.), on any size panel or chassis. A hammer is the only tool necessary. Can also be used in a punch press. An ideal tool for the serviceman, set builder, machine shop, etc. Shpg. wt. 5 lbs.



K15067—Your Cost \$5.58

Rivet and Eyelet Punch

Can be used for riveting or eye-letting. Resets any size eyelet or rivet in any radio. Two tools are of hardened steel. Holder is of cast-iron with hex sides for no-slip grip in vise. With a ample supply rivets and eyelets.



K15045—Your Cost \$1.32

"Grip" Screw Driver



Has gripper which holds screw at any point on shank, releases after it is driven. Fine for tight places. Tempered steel blade. Wt. 1 lb.

No.	Blade Length	Each
K14721	4x 1/2 ins.	35c
K14722	10x 3/4 ins.	45c

ICA Improved All-Purpose Circle Cutter

Cuts 1/8 to 8 Inch Holes

This improved circle cutter will meet all requirements for a quality tool. Hexagon shank fits either brace or electric drills. Cutting bar holder 1" diam., accommodates centers drilling, any size pilot pin. Cuts wood, Bakelite, aluminum, steel, etc., cleanly. Shpg. wt. 3 lbs.



K15069—Your Cost..... \$2.35

K15068—Replacement Drill for above. Your Cost..... 21c

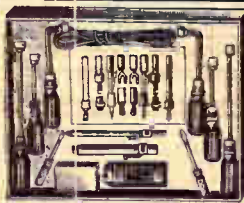
K15070—Replacement Cutter for above. Your Cost..... 29c

Handy Scratch Remover



For removing marks and scratches from furniture. Just a touch of the stain with the brush and the blemish disappears. With reasonable care, it will last for years. Furnished in durable container. **K15520—Each \$2.2c**

6 For..... 95c



Servicer's Test Kits

Thirty-pieces for test and repair. Include two 6" hex, (1/8 and 1/4"), two 9" hex (3/8 and 1/2"), and two 6" offset hex wrenches (1/2" and 3/4"), three sizes insulated screwdrivers, three size flat top wrenches, one length (72") each of red and black wire, one neutralizing tool and one 5" compensating screwdriver, an assortment of red and black test parts including test prods, alligator clips, etc., box of assorted radio hardware. Shpg. wt. 5 lbs.

K12888—Your Cost, Complete Kit..... \$2.95

Steel Letter and Figure Die Set



Outfit consists of 36 steel punches; 26 covering the complete alphabet and ten covering figures from 0 to 9. Complete in holder. Wt. 9 lbs.

K14977—Your Cost..... \$1.49

Chassis Cradle



Holds any make or model radio chassis in any desired position for testing, aligning, repairing, replacing parts, or for counter demonstration. Special mechanical clamps grip chassis firmly and leave hands free to work with. Built of steel. Shpg. wt. 8 lbs.

K15071—Your Cost \$4.75

Extra set of clamps. **K15072—Your Cost..... \$2.70**

Burgess Severe Service Safety-Lite

Can be dropped without damage, is insulated against 22,000 volts, has gas tight end caps, sheds water and can be stood on. Rubber cushioned head and end caps, heavy fibre-barrel. Focusing type. Resists oil, gas and many acids.



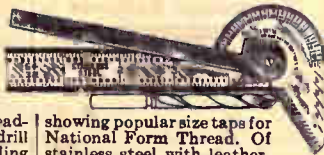
K15033—2-cell type; less cells. Your Cost..... \$1.04

K15034—3 cell type; less cells. Your Cost..... \$1.09

K18201—Cell for above. Each..... 6 1/2c

Multi-Use Rule and Gauge

An amazingly ingenious tool for mechanics, tool-makers, draftsmen, experimenters and all tool users. Has seven different functions: (1) 4" quick reading 32nd and 64ths scale; (2) drill point gauge for correctly grinding 59 degree angle; (3) square; (4) bevel protractor; (5) center finder; (6) circle divider; (7) tap drill table



showing popular size taps for National Form Thread. Of stainless steel with leather-protective case. **K14998—Your Cost Each..... 95c**

Rivet-O-Punch Tool

Makes Solderless Lugs, Etc.

Punches holes—fastens rivets, in leather, fibre, paper or canvas. Can be used to make solderless lugs, etc. Complete with box of brass eyelets. **K15046—Your Cost..... 59c**

Extra box of 160 rivets. **K15047—Your Cost..... 10c**

Wire Stripper

Strips insulation from wire easily and cleanly. Saves time. Cutting edge of tempered steel. Wt. 1 lb. **K15044—Your Cost Each..... 9c**

GOODELL PRATT Radio Screw Driver



Long slender blade especially suitable for radio work. Small end fits set screws in radio knobs. 3" blade. Shpg. wt. 8 ozs.

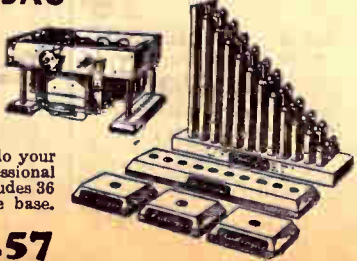
K14949—Your Cost Each. 23c

Small Screw Drivers

Two useful small screw drivers. Fine for small screws as in radio knobs, etc. Blades 1 1/2 and 2 1/2" long. **K15282—Your Cost Per Pair..... 9c**

"RADIOJAC"

By inserting any of 36 hardwood supports, 1 1/2" to 8" long, into spring-tight fit bases you form a sturdy chassis supporter that will enable you to work on all chassis whatever their size, age or weight. It will help you do your service work in a professional way. Complete outfit includes 36 rods, 3 small and 1 large base. Wt. 2 lbs. **K14732—Your Cost..... \$1.57**



Flexible Screw Driver



Strong, unbreakable, flexible shaft and insulated movable screwlocater finds slots of screws. **K15062—Your Cost..... 88c**

Insulated Screw Drivers



Insulated shaft and handle. Sturdy tempered steel blades. **K15225—5". Each..... 14c**

K15226—6 1/2". Each..... 20c

MECHANICS and SERVICEMEN



MARVEL SOLDERING IRON



Conservatively rated at 40 watts. Operates on 110 volts a.c. or d.c. Nickel chrome wire element. Hardwood handle. Overall length 10 3/4", copper tip 2 3/4". With 4-ft. cord and plug. Suitable for all radio service and experimental work. Retains its heat well. Fine for use in tight corners where difficult to use a larger iron. Shpg. wt. 1 lb.

K14873—Your Cost, Special. 27¢
Per Dozen.....\$3.05

HANDY SOLDERING PENCIL

Compact, light weight—you hold it like a pencil. Heats in one minute. Has insulated handle and cork finger guard, 6-ft. approved cord and plug. Easily removable tip. Conservatively rated at 20 watts. Requires no stand. For all light work. Handy for household repairs. Shpg. wt. 2 lbs.

K15155—110 volts, a.c. or d.c. 72¢
K15156—For 6 volts d.c.

Either Type, Your Cost Each.....



NOKORODE CORE SOLDER



A generous sized handy package. Metals virgin tin and lead—no scrap metals. Superior soldering paste used for flux in core. No. 10 Gauge approx. 1 1/2 oz.

K14882—Your Cost..... 8¢

HIGH SPEED BREAST DRILL



Sturdy construction. Holds up to 3/4" drill. 3 spring-controlled steel jaws. 2-speed gears. Mahogany handles. For heavy work. Red, black and nickel finish.

K14993—Your Cost. 1.95

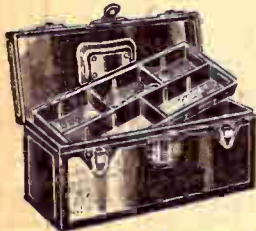
HAND DRILLS

Finely machined hand drills with 1/4" hardened chuck jaws. Accurately meshed gears. Polished hollow handle for storing drills. A much needed tool on the radio work bench. Handle top threads on to body. High speed gears.

K14723—Your Cost. 83¢
K14724—Less size knob 72¢



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 1/2x6". Shpg. wt. 7 lbs.

K14871—Your Cost, Each..... 98¢

The UTILITY Model Steel Tool Box

Similar to above model, but with loose tray instead of cantilever. Ideal for servicemen, auto mechanics, etc. Split-proof lock. Nickel plated hardware. 14x6 1/2x6". Shpg. wt. 6 lbs.

K14870—Your Cost..... 89¢

The "Super Chest"

Designed for rough, hard usage, and heavy tools. 22 gauge cold rolled steel. Pearl grey ripple finish. Two keys to be used in two locks. Handle contains a steel core covered with leather. Corners are re-enforced. Dimensions, 19x7x7". Shpg. wt. 10 lbs.

K15152—Your Cost..... 2.75



POWER SPRAYER



Operates from the spark plug of any automobile. Will spray paint, lacquer, varnish, shellac, insecticide—any finely mixed free-flowing liquid. Complete with sprayer, pint jar, spark-plug air check valve, compression tank, set of adapters and 12-foot hose. Shpg. wt. 11 lbs.

K14704—Your Cost 2.95

HAND SPRAYER



Air pressure supplied by any automobile tube. Complete with 6-ft. of hose, container and valve. Will spray approximately four jars from one tire containing 35 lbs. of pressure. Easy to use and efficient in operation. Shpg. wt. 5 lbs.

K14705—Your Cost..... 59¢

AMBER GRIP NUT WRENCHES



SpIn Type Socket

Volume Control

These amber handle socket wrenches have shock-proof, unbreakable plastic handles. Will reach into those hard-to-get places. Overall length, all types, is 7 1/2". Handle diameter 1". Cadmium plated steel shank. Will take up to No. 10 screw.

No.	Size	No.	Size	No.	Size
K15330	3/8"	K15333	1 1/2"	K15335	1 1/2"
K15331	7/8"	K15334	3/8"	K15336	3/8"
K15332	1"				

Your Cost Each—Any Size..... 35¢

K15337—Complete Set Above Wrenches..... \$2.21

VOLUME CONTROL WRENCH, for nuts measuring 1/4" across the flats. Similar to wrenches above; takes shafts 4 1/4" long, 1/4" o.d.

K15344—Volume Control Wrench..... 59¢

Parker-Kalon Type Socket Wrenches

For driving self-tapping Parker-Kalon Cap Screws. Amber plastic handle will withstand roughest usage. Case hardened socket. Long, hollow shaft takes screws up to No. 10 diameter. 7 1/4" overall size.

K15338—#4 Screw. K15339—#6 Screw. K15340—#8 Screw. K15341—#10 Screw. K15342—#12 Screw. \$1.18

Any Size Above, Your Cost Each.....
K15343—Set of Five Wrenches..... \$5.31

INDESTRO 8-Piece Radio Socket Set

Set contains six hexagon sockets, 1/4", 5/16", 11/32", 3/8", 7/16" and 3/4", together with 3/8" round knurled socket for thumb nuts and 6 1/2" spinner type handle with screw driver end. All 1/4" hexagon drive. Shpg. wt. 1 lb.

K15111—8-piece set. Your Cost..... 36¢

HEX-NUT Socket Wrenches—Straight and Handy Offset Types

Firm grip, ribbed wooden handles. Cadmium plated shanks. Have deep holes in ends of shanks which will take long screws up to No. 10 size. Straight types, 6" and 9" long. Offset types is 7" overall. These wrenches take standard hexagon nuts.

Size	7" Offset (A)	Size	6" Straight (B)	Size	9" Straight (C)
3/16"	K15206	3/16"	K15203	3/16"	K15209
1/8"	K15207	1/8"	K15051	1/8"	K15107
5/16"	K15208	5/16"	K15052	5/16"	K15109
3/8"	K15212	3/8"	K15053	3/8"	K15108
7/8"	K15213	7/8"	K15054	7/8"	K15110
1"	K15214	1"	K15204	1"	K15111
			K15205		K15210
					K15211

K15215—Set of 6..... 62¢
K15205—Set of 6..... 52¢
K15211—Set of 6..... 62¢

Socket Wrench Set and Screw Driver

Consists of a screw driver with a 3" straight and a 5" all shaped extension, a coupling and the following sockets—3/16", 1/8", 5/16", 11/32", 3/8", 7/16" and one internal knurled socket, to fit any 12 pt. or round nut—3/8" to 3/4". Shpg. wt. 4 lbs.

K15159—Your Cost..... 75¢

Tap and Die Sets



In wooden box containing three dies cutting 1/4", 5/16" and 3/8", with plug and hand taps to match, also tap wrench and die holders. Shpg. wt. 3 lbs.

K15229—S.A.E. Thread 1.25
K15230—U.S.S. Thread

Eleven-Piece Kit



6 1/2" wood handle, 4" ell. 3 3/4" extension adapter, 1/4", 5/16", 3/8", 7/16", 1/2" hexagon sockets, 3/8" round knurled socket, and 1/2" and 3/4" square sockets. Steel box.

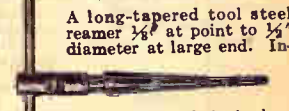
K15130—Your Cost..... 69¢

Expansive Bits



Clark pattern. **K15116—1/2" to 1 3/4", Each 95¢**
K15117—3/8" to 8"..... \$1.05

Tool Steel Reamer



A long-tapered tool steel reamer 1/8" at point to 1/2" diameter at large end. Indispensable for holes in sheet metal, panels, etc. T-handle shank.

K15049—Each..... 69¢

Steel Drills

Nine assorted drills: sizes 1/8" to 3/8". Good, fast cutting steel. Correctly ground; will hold their edge. All popular sizes for radio work. In round wood box.

K14709—Your Cost..... 39¢

We Will Not Knowingly Be Undersold



QUALITY TOOLS



A.C.-D.C. ELECTRIC SPEED DRILL

The finest drill value available today. Drills through $\frac{1}{2}$ " steel. Its outside diameter of only $2\frac{1}{16}$ " permits drilling $\frac{3}{4}$ " from corners. Has semi-recessed switch and recessed brush holders. 110-volt universal motor operates on a.c. or d.c. Takes up to $\frac{1}{4}$ " bits. Knurled collar permits easy insertion and removal of drill bits without fuss. Equipped with long, rubber-covered cable and plug. Aluminum and red paint finish. Shpg. wt. 7 lbs. **K14731—**



\$7.45

Your Cost Complete, Less Bits

G.M. CO. ELECTRIC HAND DRILL

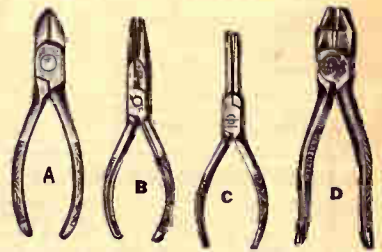


A sturdy $\frac{1}{4}$ " hand drill with GENERAL ELECTRIC A.C.-D.C. MOTOR and BALL THRUST BEARING in spindle. Special anti-friction bearing on armature shaft. Genuine Almond 3-jaw geared chuck. Has toggle switch on top of pistol grip, easily operated with thumb. Complete with 9 feet of heavy rubber-covered cable and plug. Shpg. wt. 10 lbs. **K14726—List \$25.00. Your Cost Each.....**

\$15.85

Kraeuter Industrial Finish Pliers

The new Kraeuterized Industrial Finish is a non-smudging black lasting finished impregnated into the metal, not just baked on. These pliers are drop-forged from extra high grade steel, highly tempered. There's a pair for every purpose and craft. Each tool is built to stand up under severe service conditions.



Diagonal Cutting Pliers

A—Cutting jaws meet perfectly. Cuts insulation as well as the wire.

No.	Length	Your Cost
K14942	4 $\frac{1}{2}$ "	\$.98
K14944	5 $\frac{1}{2}$ "	1.15
K14943	7 $\frac{1}{2}$ "	1.31

Long Nose Pliers

B—For the hard to get at places. Side cutting blade will stay sharp.

No.	Length	Your Cost
K14946	6"	\$.91
K14945	6"	1.01
K14947	7"	1.08

Needle Nose Pliers (C)

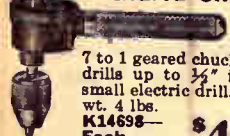
Made especially for difficult and odd jobs where no other plier will answer. Especially useful for auto mechanics, radio servicemen, etc. Long fine nose is very carefully tempered. Length 6". **K15076—Your Cost..... 91c**

Electrician's Cutting Pliers (D)

Modified electrician's pliers with fitted lap, joint, hardened cutters.

No.	Length	Your Cost
K14935	6 $\frac{1}{2}$ "	81c
K14936	8"	98c

G.M. Co. Geared Chuck



7 to 1 geared chuck to use drills up to $\frac{1}{2}$ " in your small electric drill. Shpg. wt. 4 lbs. **K14698—**

\$4.75

Motor Chuck-Arbor

Fit shaft of any small motor in place of pulley. With flange and locking nut to hold grinding wheels, saws, etc. $\frac{1}{4}$ " three-jaw chuck. *** Less Flanges**

Stock No.	Unit No.	Motor Shaft	Your Cost
K15095*	495	$\frac{1}{8}$ "	59c
K15096	490	$\frac{1}{4}$ "	79c
K15097	490-A	$\frac{3}{8}$ "	
K15098	490-B	$\frac{1}{2}$ "	

Motor Driven Drill Press



A light-duty, precision-type drill suitable for wet or dry drilling, designed as a real power tool. Maximum distance from end of chuck to top of base, 6 $\frac{1}{2}$ "; spindle travel, 1 $\frac{1}{2}$ ". Equipped with $\frac{3}{8}$ " drill chuck and 3 $\frac{1}{2}$ " adjustable swinging table. Overall height, 20"; width 3 $\frac{1}{2}$ "; depth 9". For $\frac{3}{8}$ " V-belt. Spindle speed depends on motor speed with 800 r.p.m. recommended for average work. Shpg. wt. 6 lbs. **K15133—Less bits**

Your Cost..... \$2.75

10" MOTOR DRIVEN JIG SAW



Sturdily constructed cast iron frame eliminates all vibration. Grooved table 8" diam. Jig saw has a 10" throat. Will take a 5" plain-end saw blade. Saw guide is adjustable. Top spring is enclosed. Has two-speed V-pulley for $\frac{3}{8}$ " belt. Recommended speed for average work is approximately 700 r.p.m. Will easily cut stock up to a thickness of 1 $\frac{1}{2}$ ". Motor and blade not supplied. Shpg. wt. 6 lbs. **K14979—Your Cost..... \$1.69**

K14980—Set of six 5" blades..... 18c

LENK Alcohol Torch



Type A: Double burner, one for needle point flame, add the attachment for heavy flame. Cleaning pin in handle. Size: 7x4 $\frac{3}{4}$ x2 $\frac{1}{2}$ ". Wt. 4 lbs. **K14867—Your Cost..... \$2.35**

Type B: A leak-proof, easy-loading handy servicer's torch. Copper heat conductor. Size: 6x2x1 $\frac{1}{4}$ ". Wt. 2 lbs. **K14868—Your Cost..... 88c**

LENK Torch Gasoline Type



For servicers, mechanics. Has flame control, shut-off valve, and many other features. 7 $\frac{1}{2}$ " high, 3" base diam. Polished brass finish. Capacity $\frac{1}{4}$ pint. Shpg. wt. 4 lbs. **K14855—Your Cost..... \$1.18**

K14856—Same, but for alcohol. Your Cost..... \$1.32

Auger Bits

Made of high quality steel. Cut fast and clean without bindings. Cardboard box. Double cutters, deep spur. Six bits to a set. Drill sizes: $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", and $\frac{3}{8}$ ". Shpg. wt. 3 lbs. **K14743—**

Your Cost..... 98c

17 Piece Polishing Head Outfit



A complete, dependable workshop outfit that will drill, grind, polish, buff, saw, scratch, etc., and turn out fine work. H.P. motor recommended. Corprises $\frac{1}{4}$ " drill chuck, 4" steel circl ar saw, saw table and guide, 4" wre brush, 3" cotton buffer, 2 $\frac{1}{2}$ x4" emery wheel, 9 twist drills $\frac{1}{16}$ to $\frac{3}{8}$ ", belt, pulley and stand. Shpg. wt. 8 lbs. **K14746—Your Cost..... \$3.35**

Steel File Case

For shop notes, receipts, bills, private papers, etc. Finger-tip file and security box keeps them safe and handy. 12 $\frac{1}{2}$ x5 $\frac{1}{2}$ x10". Holds 1000 sheets. With alphabetical index. Finished in black ripple—green inside. **K15160—Your Cost..... \$1.39**

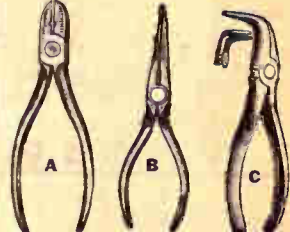
"PHILLIPS" Recessed Head Screw Drivers

Many sets now use this type screw requiring this new model driver. Very difficult to turn this type screw with ordinary driver. Every serviceman's kit should contain a complete set for all types. **K15234—For No. 4 and smaller sizes. Each..... 39c**

K15235—For Nos. 5 to 9 sizes, inclusive. Each..... 49c

K15236—For Nos. 10 to 16 sizes, inclusive. Each..... 67c

KLEIN'S PLIERS



Of finest tempered tool steel, case hardened cutting edges that stay sharp, accurately fitted and long wearing. Made for every purpose.

A—Oblique Cutting Pliers with Wire Stripping Notch. Notched cutting pliers for stripping insulation. Lap joint; narrow head. 6" long. Shpg. wt. 3 lbs. **K15223—Your Cost..... \$2.30**

B—Long Nose Side Cutting Pliers. Hardened and tempered, assures positive grip at tip. Sharp, carefully cutting knives. Wt. 3 lbs. **K15221—6" long. Your Cost..... \$2.05**

C—Long Curved Nose Pliers. A handy pair for working in close quarters around radio chassis, etc. Jaws will not lose their shape. 6" long. Wt. 2 lbs. **K15224—Your Cost..... \$2.30**

Special Values

★ **Diagonal Cutting Pliers**



A very popular plier with all servicemen. 5 $\frac{1}{2}$ " long. Shpg. wt. 3 lbs. **K15127—Your Cost..... 32c**

Long Nose Pliers



5 $\frac{1}{2}$ " polished forged steel. Side cutting telephone type. Shpg. wt. 3 lbs. **K15241—Your Cost..... 32c**



SOLDERING IRONS and ACCESSORIES

ESICO High Quality Soldering Irons



volts a.c. or d.c. Shpg. wt. each 3 lbs.

MIDGET—65-Watts

K14848—
Your Cost.....**\$1.03**
K14847—Extra tip.....18c

JUNIOR—100-Watts

K14854—
Your Cost.....**\$1.62**
K14847—Extra tip.....18c

TROPHY—150-Watts

K15174—
Your Cost.....**\$2.94**
K15175—Extra tip.....26c

Preferred by technicians everywhere. All sturdily constructed, have high grade elements and are well insulated. Have screw tips. All except Midget model supplied **WITH STAND**. Operate on 110

CONSTANT DUTY MODELS

Plug-tip irons especially designed for use where constant duty is required, such as in radio factories, experimental laboratories, telephone work, etc. For 110 volts a.c. or d.c. Wt. 4 lbs.

K15190—110-Watts. **\$3.23**
Your Cost.....
K15217—Extra tip.....20c
K15191—130-Watts. **\$4.55**
Your Cost.....
K15218—Extra tip.....38c

Trutest

DeLuxe Soldering Irons Approved by Underwriter's

The best soldering iron values on the market today All Trutest DeLuxe irons feature: replaceable elements wound on metal cores, with best grade mica insulation; replaceable, hard drawn copper tips, tinned; one-piece cases finished in gun metal; replaceable, smooth black handle; Underwriter's Approved cord and rubber plugs; cord springs. All models furnished with metal stands. Operate on a.c. or d.c. Wt. 3 lbs.



K15180—75-Watts, 110/120 volts. **\$1.32**
Your Cost Each.....
K15197—75 Watts, 220/250 volts. **\$1.47**
Your Cost.....
K15182—100-Watt Iron, 110/120 volts. **\$1.91**
Your Cost Each.....
K15198—100-Watt Iron, 220/250 volts. **\$1.98**
Your Cost.....
K15184—150-Watt Iron, 110/120 volts. **\$2.94**
Your Cost Each.....
K15199—150-Watt Iron, 220/250 volts. Your Cost.....\$2.98

"AMERICAN BEAUTY" IRON



100-Watt Model

America's most famous soldering iron. Made for those who want the very best. The very finest materials and workmanship throughout. Metal parts are nickel plated and highly polished. Improved heat-proof handles. Length 12 $\frac{1}{2}$ ". Full 100 watt rating. Complete with $\frac{3}{8}$ " tip and cord. Model 8138. **\$5.85**
K15171—Your Cost.....
K15170—Extra tip for above. Each.....39c

50-Watt Model

A smaller "American Beauty" with straight metal case for ease in soldering in corners and tight places. Consumes 50 watts; $\frac{1}{8}$ " tip. Shpg. wt. 2 lbs. Model S76. **\$3.45**
K15172—Your Cost.....
K15173—Extra tip for above. Each.....21c

DRAKE "High Heat" Iron



Fully Underwriter's Approved. Heavy duty 125-watt element wound with nichrome wire on amber mica. Nickel plated seamless housing. Baffle plates keep handle cool. Furnished with long $\frac{3}{8}$ " diameter copper tip. Has spring cord guard and is provided with 6-foot cord and unbreakable plug. Ideal for heavy duty work. Shpg. wt. 3 lbs.
K14883—125-watt iron. **\$2.65**
Your Cost.....

DRAKE Heat Control

Doubles the life of the iron. Keeps tips properly tinned. A flip of the switch and the iron is ready for use within a few moments. For use with any iron rated at 150 watts or less. With cord and plug. Shpg. wt. 3 lbs.
K14884—Your Cost.....**\$2.06**



IRON STAND

Made of rust resisting metal. Curved to prevent rolling. Ruggedly built—will last as long as more expensive stands. Shpg. wt. 1 lb.
K15219—Shpg. wt. 1 lb. **15c**
Your Cost.....

Soldering Iron Stand and Holder

Lined with circular, heat-radiating springs. Servicemen can pack their irons without waiting for them to cool. Also acts as stand for iron. Iron nests in holder. Shpg. wt. 3 lbs.
K15231—Your Cost.....**67c**



ESICO "Special" Iron



This is an excellent iron for those having only occasional use for a soldering iron. Heating element is of nichrome wire. Heats up in surprisingly short time. Handle is of black wood. Steel shank and brass ferrule. Consumes 55 watts. Shpg. wt. 3 lbs.
K14846—With 1 Tip. Your Cost.....**65c**
K14849—With 2 Tips. Your Cost.....75c

ESICO Thermostatic Control Stand

Use of this unit makes it impossible to overheat iron or burn off its tin. Iron can be maintained at any desired temperature while in stand. When removed from control, full current is instantly applied to iron. Saves on current. Sturdy construction. For irons with up to 1" diam. tips.
K14885—Wt. 3 lbs. **\$2.94**
Your Cost—Stand Only.....




Trutest "Special" Irons



Sturdily constructed. Nichrome wire elements wound on porcelain tubes. 60-watt iron furnished complete with TWO $\frac{1}{8}$ " screw-in tips and approved 5-ft. cord; 75-watt iron has one $\frac{1}{8}$ " tip and approved 5-ft. cord; 100-watt iron has one $\frac{1}{8}$ " tip and 6-ft approved cord. Wt. 3 lbs.
K14892—60-Watt Iron. **65c**
Your Cost, with 2 tips.....
K14894—75-Watt Iron.....85c
K14893—100-Watt Iron.....95c

Soldering Iron Tips

Replacement plunger type tips of quality copper.  Your Cost

Stock No.	Size	Your Cost
K15166	$\frac{1}{8}$ "x2 $\frac{1}{8}$ "	28c
K15167	$\frac{3}{8}$ "x4 $\frac{1}{8}$ "	36c
K15168	$\frac{1}{2}$ "x3 $\frac{1}{8}$ "	43c

KESTER Radio Solder



Preferred by radio service men and mechanics. Will not spatter; makes clean joints every time. Flux in core. Aluminum solder furnished with cleaner and instructions.

Rosin Core Solder

Stock No.	Size	Your Cost
K14857	Handy Tin	\$0.17
K14858	1 lb. Spool	.56
K14859	5 lb. Spool	2.60

Acid Core Solder

K14878	Handy Tin	\$0.17
K14877	1 lb. Spool	.56
K14879	5 lb. Spool	2.60

Aluminum Solder

K14876	Handy Tin	\$0.17
K14845	1 lb. Spool	1.89

KESTER Paste Flux

In handy 2-ounce can.
K15278—Your Cost, per Can.....**12c**

KESTER Tinning Block

Cleans and tins soldering irons speedily. Will not crumble or cause any undue corrosion on work. Very convenient.  1 $\frac{1}{2}$ Pound Bar.
K14875—Your Cost. **25c**

JACKSON Irons Midget Model. 50-Watts

This is a full size soldering iron. 11" in length. Black enamel handle and nickel plated metal case. Removable tip $\frac{1}{8}$ " in dia 50 watt iron. Shpg. wt. 2 lbs. **65c**
K14850—List \$1.25. Your Cost.....



Heavy Duty Irons

75 & 100 Watts
Extra heavy duty irons designed especially for industrial or shop use. Heating element and all parts renewable. Tip removable. Metal parts nickel plated. Shpg. wt. 2 lbs.
75 watt iron. List \$2.75 **\$1.65**
K14874—Your Cost.....
100 watt iron. List \$3.75 **\$2.20**
K14853—Your Cost.....



Adjustable Tip Irons

Supplied with adjustable copper tips with set screws. 6 ft. Cord and removable black handle.
K15176—75-watt iron. $\frac{3}{8}$ " copper tip with set screw. Length 12". Wt. 12 oz. **\$1.76**
Your Cost.....
K15177—100-watt iron. $\frac{3}{8}$ " copper tip with set screw. Length 12 $\frac{1}{2}$ ". Wt. 16 oz. **\$2.40**
Your Cost.....
K15178—150-watt iron. $\frac{1}{2}$ " copper tip with set screw. Length 12 $\frac{1}{2}$ ". Wt. 20 oz. **\$3.80**
Your Cost.....





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All Data On Over 17000 Sets In ONE Book

This is the newest, biggest and most valuable edition of this serviceman's encyclopedia. It is aiding servicemen everywhere in their daily work by giving them quickly the correct answers to every service problem. 336 pages packed solid with data on i.f. peaks, volume controls, condensers, x'former circuits and understandable circuit diagrams. Covers every phase of automatic tuning. 8 1/2 x 11". Waterproof cover. Shpg. wt. 3 lbs. **K20001—Your Cost. \$1.91**

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K19964 1934 384
K19965 1935 532
K19966 1936 549
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Perfect for the serviceman, amateur and P.A. man. Three individual sections deal with sound amplifiers, mixers, service problems. 167 pages, many charts, diagrams and photo. Loose leaf binding. Size: 8 1/2 x 11". Wt. 2 lbs. **K19987—Your Cost. \$29**

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Modern Radio Servicing

The second revised and greatly enlarged edition of this indispensable book. 1300 pages of practical facts on up-to-the minute servicing; how to construct and operate modern test equipment; location and elimination of noise; cathode-ray aligning; auto radios, antennas, etc. Profusely illustrated, diagrams, charts, photos, etc. Shpg. wt. 5 lbs.

K19953—Shipped Postpaid in U.S.A. \$4.00

Your Cost.....

FIELD SERVICE DATA AND ANSWER BOOK

Servicemen everywhere find this the ideal pocket book for use on the job. 436 pages in heavy loose-leaf binding. Lists l.f.a. of 5424 sets. Trouble shooter for over 1500 receivers. Wiring diagrams of every make of car. Shipped Postpaid in U.S.A.

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Latest Revised Edition



This famous text has long been the radio "bible" for beginners, students. 972 pages with over 500 illustrations covering every phase of radio, public address, talking pictures, television, photo-cells, elements of a.c. and d.c. electricity—all told in easily understandable every-day language. Used in schools everywhere. Cloth binding. Shipped postpaid in U. S. A.

K19897—Your Cost..... \$4.00

RCA TUBE TEXTS

Complete Tube Manual

RC-13. Complete technical data of all glass and metal tubes. Curves, charts, circuits, socket diagrams. 192 pages; 5 1/2" by 8 1/2". An essential for the radioman.

K19963—Your Cost... 20¢



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The latest technical data on all cathode-ray tubes. 123 pages.

K19990—Your Cost..... 25¢

Socket Layout Guide



2nd edition of the Socket Layout Guide. Tubes and socket diagrams of principle models of receivers from 1932 to date. Tube line-ups without diagrams from 1921 to 1935. 256 pages; size, 8x4 1/2". Shpg. wt. 2 lbs.

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32 page booklet, contains complete details on all electric eye types. Theory and practice covered. Methods of use in many applications. For the engineer and experimenter.

K20016—Your Cost..... 35¢

Practical Radio Communication



By Nilson and Hornung. Excellent for the student commercial operator. Covers fundamentals and all transmitting and receiving

theory, besides practical design data. An authoritative text. Has 764 pages, 434 illustrations. Shpg. wt. 4 lbs.

K20020—Your Cost. \$4.90

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Describes origin of radio interference, its distribution, effect on radio programs and how to correct it.

K12695—Your Cost..... 29¢

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By Moyer and Westrel. A clear, simple treatment of the construction, installation, testing and repair of receivers of all types and makes. Includes short-wave receivers and television

sets. Covers radio and electrical essentials thoroughly. Has many illustrations, diagrams and charts. Fourth edition, 444 pages. Shpg. wt. 4 lbs.

K19996—Your Cost. \$2.50

DRAKE'S Cyclopedia



NEW EDITION

The latest revision of this invaluable encyclopedia contains information on radio and allied fields, written in clear, simple language. Practical data on transmitting and receiving, talkies, P-A, television, photo-cells, etc. 1048 pages, 130 tables and graphs. 600 complete articles. 9x6 1/2x2 1/2". Shpg. wt. 7 lbs.

K19938—Your Cost. \$3.92

Manly's Radio and Electronic Dictionary

Every serviceman and student will find the information he needs arranged in alphabetical order. 300 pages, 550 illustrations, defines 3800 terms. Every technical library needs a copy. Maroon buckram binding, 6x9x1 1/4 inches. Shpg. wt. 3 lbs.

K19939—Your Cost. \$2.19



PHOTOCELLS AND THEIR APPLICATION

By Zworykin and Wilson. From their wealth of experience the authors have compiled this highly useful treatise on photoelectricity. Not only are the underlying principles set forth clearly, but many practical details are given. Theory and practice fully covered, illustrations and diagrams throughout. Covers sound movies, television, facsimile transmission, miscellaneous applications and future of photocell. 2nd edition, 348 pages. Shpg. wt. 4 lbs.

K19886—Your Cost. \$3.00

GERNSBACK'S SERVICE MANUALS



Volume No. 7—The latest! 1800 pages, over 3,000 illustrations. More than 1600 model numbers represented. All new material. Postpaid in U.S.A. \$9.80

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K19953—Vol. V. Your Cost.....

Volume No. 4. 1934 ed. over 400 pages. Postpaid in U.S.A. \$3.00

K19918—Vol. IV. Each.....

Volume No. 3. 1933 ed. over 700 pages. Postpaid in U.S.A. \$4.00

K19900—Vol. III. Each.....

Official Auto-Radio Manuals

Flexible-covered, loose-leaf books, 9x12". Volume I covers sets up to 1934—200 pages, 500 illustrations. Volume II covers all 1934 models; 240 pages, 500 illustrations. Postpaid in U. S. A. \$2.00

K19982—Vol. I. K20002—Vol. II. Each.....

Official Refrigeration Service Manuals

K19904—Volume I; 340 pages, 1200 diagrams, flexible loose-leaf.

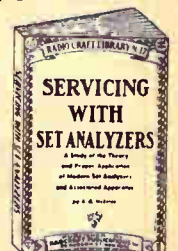
K19917—Volume II; 352 pages, over 800 illustrations. \$4.00

Your Cost, Either Volume.....

RADIOCRAFT SERVICEMEN'S LIBRARY

All new and up-to-date, these books are written by experts in their respective fields. All are technically approved by RADIOCRAFT editors. Each circuit is clearly illustrated and described—complete with all necessary values of parts so that you can easily construct or adapt it to your particular needs. Written in simple, easy-to-understand everyday language. Use these books and increase your knowledge and profits. Volumes are uniform size, 6x9" (those marked * are 7 1/2x10"). 50 to 120 illustrations in each volume. List, each, 50c. Shpg. wt. 1 lb.

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K19908—Practical Hookups

K19909—Breaking Into Radio Service

K19911—Radio Wrinkles

K19912—Radio Questions and Answers

K19901—Pocket Radio Guide

K19902—A B C of Refrigeration

K19913—Auto Radio Servicing

K19914—Home Recording

K19915*—How to Build and Operate S.W. Receivers

K19923*—How to Become an Amateur Radio Operator

K19934—Point-to-Point Resistance Analysis

K19961—P. A. Installation and Service


K19903—A B C of Air-Conditioning

K19890—Cathode Ray Oscilloscope

NOTE—TECHNICAL BOOKS ARE NOT RETURNABLE

Selected TECHNICAL BOOKS for the AMATEUR

Radio Amateur Course



A thoroughly authoritative, clearly written ground-work in amateur radio for beginners and the advanced "ham". Written by a famous ham, WZAMN of Short-Wave and Television Magazine, it includes constructional articles on transmitters and receivers or ham use. Theory and practice fully illustrated by numerous diagrams. Fully explanatory in every respect. Has resume of F.C.C. rules concerning amateur station operation. 142 pages. 8 1/2 x 11 1/4".

K1995—Your Cost..... 50¢

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.

K19921—Your Cost..... 25¢

10 Most Popular Short-Wave Receivers

How to Make and Work Them

Every set described has actually been built and tested by the editors of SHORT-WAVE CRAFT magazine. Shpg. wt. 2 lbs.

K19922—Your Cost..... 25¢

101 Most Popular Short-Wave Hookups

101 of the most popular short-wave hookups, including everything from a 1- to a 10-tube receiver. These circuits have proved themselves in the laboratory and in the homes of numerous builders. By the editors of S-W CRAFT.

K19986—Your Cost..... 38¢


How to Get Best Short-Wave Reception

With the intimate knowledge of short-waves and their behavior contained in this book, every S-W listener can pull in more of those elusive DX stations. Tells how to tune and when to listen—how to identify stations—seasonal changes in reception—how to get veris, etc.

K19910—Your Cost..... 38¢

S-W Coil Data Book

Every possible bit of constructional data you want, to make your own short-wave coils. Method of computing wire size, turns, forms, spacing. No duplication. Easy to understand.



K19985—Your Cost..... 25¢

Bud Log & Data Book

Indispensable for every amateur station. Handsome, 8 1/2 x 11", 60 pages, bound in heavy paper covers. Has "Q" signals, conversion charts, coil winding data, color code charts and other valuable information.

K19920—Your Cost..... 10¢

A.R.R.L. Publications


Radio Amateur's Handbook

The recognized authority on all technical problems involving short-wave receivers, transmitters, theory and practice. **Latest 1938 edition.** 564 pages crammed with information, diagrams, operating instructions, u.h.f., "Q" signals etc. Shpg. wt. 3 lbs.

K19949—Your Cost..... 1.00

EDICION ESPECIAL ESPANOLA

K19931—Same as above, in Spanish. Your Cost..... 1.50



How to Become a Radio Amateur

Complete constructional details of an inexpensive station for the beginner; learning the code; laws; operating procedure; "Q" signals. **Latest (5th) edition.**

K19931—Your Cost..... 25¢

The Radio Amateur's License Manual

How to get your licenses, made easy. Includes complete questions and answers for Class A, B and C examinations. **Latest (7th) edition.** 38 pages.

K19940—Your Cost..... 25¢

Hints and Kinks

Volume Two. A collection of the selected practical money-saving ideas of 236 experimenters. 128 pages; numerous diagrams and illustrations.

K19981—Your Cost..... 50¢

A.R.R.L. Lightning Calculators

K20012—TYPE A—Solves problems of frequency, inductance, capacity, coils, condensers.

K20013—TYPE B—For problems involving current, voltage, resistance, power.

Either Type Above, Your Cost Each..... 1.00

K20034—TYPE C—For computation on all wire.

K20035—TYPE D—For decibel computations.

K20036—TYPE E—Solves parallel resistor and series condenser problems.

K20037—TYPE F—Any voltmeter becomes a 1-ohm to 1-megohm ohmmeter with this one.

Types C, D, E and F—Your Cost Each..... 50¢

RADIO PUBLICATIONS LIMITED "Radio" Handbook

Latest 1938 Edition. Beyond a doubt the finest handbook on short-wave receivers, transmitters, aeriels, television, medical radio-therapy, theory, elementary electricity. 512 pages; hundreds of illustrations, diagrams, charts, tables, etc.

K19999—Your Cost..... 1.50

EDICION ESPECIAL ESPANOLA

K19988—The above, in Spanish. Your Cost..... 1.50

Telephony Handbook

Covers entire field of amateur radio-telephony: Theory, design, construction and operation. Gives Class A license information. Contains 100 pages, coated paper; almost 200 illustrations. Heavy cover. Contains data found in no other Jones book. It's really NEW!

K20006—Your Cost..... 75¢

Radio Amateur Newcomer

Latest 1938 Edition. Covers: How to get into amateur radio, how to get an amateur license, how to learn the code, how to build the latest, low-power, complete station for the beginner, how to build a 5-meter transceiver for the beginner. 34 pages.

K20022—Your Cost..... 35¢

Building an Amateur Radiophone X'mitter

Introduction to ham lone work. Describes inexpensive low-power rig and operation of station.

K19952—Your Cost..... 25¢

A.R.R.L. Log Books

The law requires that amateurs maintain a log. This one is spiral bound, has 39 log pages, 39 note pages, "Q" signals, graph paper, message number sheet. Arranged and lined up to make log-keeping simple. 3 for \$1.00.

K19946—Your Cost..... 35¢

A.R.R.L. Radio Map

Made by Rand-McNally in 6 colors on heavy paper, 30x40". Gives time zones, WAC, countries, districts prefixes, etc. A handsome and necessary addition to the "ham" shack.

K19945—Your Cost..... 1.25


RADIO AMATEUR CALL BOOK

Fall & Winter 1938-39 Edition

The only publication listing all amateurs throughout the world. Contains complete and accurate lists of commercial s.w. stations, international abbreviations, "Q" readability, "R" audibility, "T" tone systems; s.w. press and weather schedules; international prefixes and numerous other data. Lists 50,000 stations.

8 1/2 x 11 1/4".


K19936—Your Cost..... 1.25



Radio Operating Questions and Answers

By Nilson and Hornung. **Latest edition.** Has 447 pages of questions and answers that are asked on examinations for commercial radio operator, amateur operator and police and aeronautical radio. Profusely illustrated. Covers spark, are and tube transmitters; batteries, generators, broadcasting, short-wave, radiocompass, radio laws, operating procedure, theory. Heavy cloth binding, 8 1/2 x 5 1/2". Shpg. wt. 2 lbs.


K19943—Your Cost..... 2.45



International Broadcast and Sound Engineer

This splendid Year-Book is a compilation of information of interest to broadcast and sound engineers from authoritative sources throughout the world. Resumes of outstanding articles translated into 6 languages. 225 pages, 105 illustrations. A valuable digest of contemporary technical progress. 7 1/2 x 5 1/2".

K19980—Your Cost..... 1.50



THORDARSON Transmitter Guide

Latest 1938 issue. Starts with fundamental circuits, goes through grid bias systems, modulation, etc., and then presents 8 transmitters from a x'tal controlled portable to a 1000-watt. Also offers 8 amplifier-modulators. Plus plenty of graphs, tables, charts, etc. 48 pages.

K20024—Your Cost..... 9¢

RCA Transmitting Tube Manual

A book no ham can afford to be without. Complete technical information on ALL RCA-DeForest air-cooled transmitting tubes. 192 pages packed with the latest dope.

5 1/2 x 8 1/2".

K19992—Your Cost..... 25¢

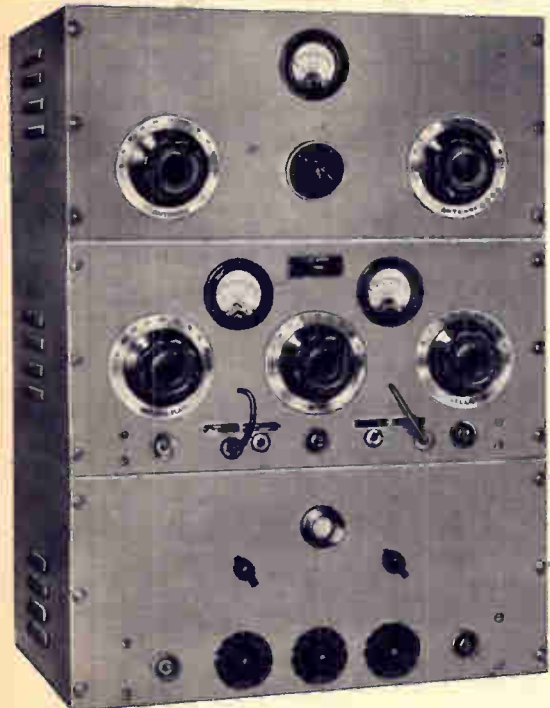
How To Pass Radio License Exams

A simple, practical, up-to-date book of questions and answers by Charles E. Drew, for all who want to hold government radio operator's licenses of all types. 201 pages, 6 1/2 x 9 1/2".

K19956—Your Cost..... 2.00

NOTE - TECHNICAL BOOKS ARE NOT RETURNABLE

Lafayette 40 WATT 5 BAND C.W. AND PHONE TRANSMITTER



COVERS 10, 20, 40, 80, 160 METER BANDS

Built On The "Add-A-Unit" Principle

The complete rig, as illustrated, consists of the antenna coupling panel (at top), the R.F. unit (center panel) and the modulator unit (bottom panel). The transmitter has a conservatively rated output of 40 watts on all 5 bands. If desired, the amateur can start with the r.f. unit only; this unit alone makes an efficient 40 watt C.W. transmitter. The modulator can be added later, to make the rig suitable for both C.W. and phone transmission. Antenna panel can be added at any later date. Each unit contains its own power supply.

MODEL 5BRF C.W. TRANSMITTER (R.F. Unit)

Consists of a "Les-Tet" crystal oscillator buffer multiplier using a 6C5-6L6 combination which drives an RK-37 as final amplifier. Antenna can be excited without the necessity of an additional coupling circuit, as a low-impedance link circuit is employed to work into a low-impedance line. Five bands are covered by means of plug-in coils. Two meters, an 0-50 ma. and a 0-150., are included to read oscillator and amplifier grid current and buffer and amplifier plate current. Gray wrinkle finish. Panel 19"x8 3/4". Uses 6C5, 6L6, RK-37 and 83.

MODEL 5BM MODULATOR UNIT

Has two inputs—a low level (85 db. overall gain) and a high level (125 db.) for simultaneous mixing and fading of crystal or velocity mike with carbon mike, phono pick-up, etc. Separate gain control provided for each input. Response 40-10,000 c.p.s. Tubes used: 6J7, 2-6N7's, 2-6L6's, 83 rectifier and a 913 cathode-ray tube (optional). The latter permits visual monitoring of the modulated r.f. Multi-impedance output transformer matches any r.f. load and 500 ohm line. Secondary passes 160 ma. max. With a.c. and stand-by switches. Gray wrinkle finish. Panel 19"x8 3/4".

MODEL 5BA ANTENNA COUPLING PANEL

Comprises antenna matching network to match any one or two-wire feeder. Uses a variable condenser, inductor and 0-2 1/2 A. ammeter. Gray wrinkle panel.

Model 5B49F Phone and C.W. Transmitter

Comprises r.f. and modulator units only, less antenna panel. In two-deck cabinet finished in gray wrinkle lacquer. With one set of coils; specify output and crystal frequency when ordering.

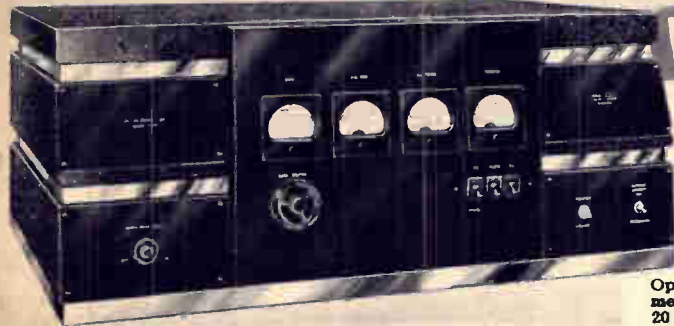
- K-22263—Less tubes, mike, crystal and key. **\$119.95**
- Shpg. wt. 114 lbs. 19"x17 1/2"x13". Your Cost.....
- Antenna Panel Only: Shpg. wt. 12 lbs. **\$27.75**
- K-22264—Your Cost, Less Cabinet.....
- R.F. Unit Only: Complete with one set of coils (specify on order). Less cabinet, tubes, crystal, and key. Wt. 38 lbs. **\$71.50**
- K-22261—Your Cost.....
- Modulator Unit Only: Less tubes and cabinet. **\$40.95**
- K-22262—Shpg. wt. 50 lbs. Your Cost.....
- K-22194—Single Unit Cabinet..... **\$4.75**

ADDITIONAL COILS

- K-22267—160-meter coil set. **\$3.95**
- K-22269—40-meter coil set.
- K-22278—20-meter coil set.
- Your Cost, Any Set of Coils.....
- K-22279—10-meter coil set.
- K-22268—80-meter coil set.

COMPLETE 40-WATT 3-UNIT RIG

K22259—Lafayette 40-Watt 5-Band Transmitter. With instructions and set of coils for one of the five bands (specify output and crystal frequency). For 110/120 volts, 50/60 cycles a.c. With 3-deck cabinet, but less tubes, crystal, key and mike. Shpg. wt. 125 lbs. **\$142.50**
Your Cost.....
Kit of RCA tubes, less 913 tube; 6C5, 6L6, 2-6L6G's, 2-6N7's, 6J7, 2-83's, and Raytheon RK37. Your Cost..... \$16.98
RCA Type 913 Tube..... \$4.00



hallicrafters MODEL HT1 & HT2

"HAM" TRANSMITTER

FEATURES:

- ★ New Streamlined Commercial Appearance
- ★ 50 Watts, Phone, 100 Watts CW
- ★ Range: 10 to 160 Meters, Crystal Controlled
- ★ Band-Switching by Single Front Panel Control
- ★ Simplified Operation. Rugged Design

Operation for any 3 bands can be supplied between 10 and 160 meters in any arrangement required: as 80, 40, 20 meters; or 40, 20 and 10 meters; or 160, 80, 40 meters with single crystal. Where two-crystal operation is required as on 80, 20, 10,—or 160, 40, 10,—or 160, 20, 10,—the price is slightly higher and will be supplied upon request.

Front Panels Controls

Comprise: Filament Switch, Plate Switch, Phone-CW Switch, Band-Switch (interstage tuning controls inside cabinet) and Gain control. The output terminals are from adjustable pick-up coils on separate final plate tank coils. The proper pick-up and plate tank coils are automatically selected by the band-changing switch. Cabinet is of flame-welded painted steel, with ample provision for ventilation. Dim: 23 3/4"x11 3/4"x19 1/4" deep.

MODEL HT-1, PHONE AND CW TRANSMITTER

Supplied complete with tubes, coils for 3-bands (specify those desired, as per above) and crystal. Shpg. wt. 145 lbs.
K21014 **\$195.00**
Your Cost.....
MODEL HT-2, CW (ONLY) TRANSMITTER. Supplied same as above, but less modulator and 1-523 rectifier. Shpg. wt. 120 lbs.
K21015 **\$175.00**
Your Cost.....

The model HT Hallicrafters Transmitter marks a new departure in transmitter design. Commercial and streamlined in appearance,—yet conservative in rating, design and dependability. Designed essentially to meet with every amateur requirement, this unit represents the ideal which most have tried to build but could not because of lack of facilities.
Rated at 50 watts phone carrier, (slightly reduced at 30 MC), and 100 watts CW. Frequency range 10 to 160 meters, band switching for any 3 bands—accomplished by a single front-panel control. Individual tanks are knob controlled inside cabinet, and adjusted to the particular frequency for that band.
Tube Lineup: R.F.—5A6 as crystal oscillator—1st. doubler. 6A6 as second doubler. RK-47 as final stage power amplifier; Modulator—6J7, 6J5, 4-6L6's in pp-parallel class AB to produce 50 watts of audio power and modulation capability of 100%. Fidelity—plus or minus 2 db from 80 to 10,000 cps; Rectifiers—2-5Z3's, 1-80 and 2-866's.
Three meters are employed; one for cathode current exciters (switched to modulator current on phone), one for grid current—final, and one for plate current—final.

See Pages 108 and 109 for Hallicrafters Receivers

NATIONAL EQUIPMENT

600 WATT TRANSMITTER

This 600 watt transmitter, designed and built by National in conjunction with Thordarson, is now available in kit form. The National "NTE" Combination Exciter and Speech Amplifier, listed at bottom left of page, is the basic unit of the transmitter. All other units are available in Foundation Kits consisting of completely punched chassis, engraved panels and all hardware and instructions for National and Thordarson CHT components.

Final Amplifier and Buffer

Illustrated at top, front and rear views, the final amplifier and buffer features compact, open construction resulting in short leads, symmetry of push-pull output circuit, easy wiring and complete accessibility. A pair of Eimac 100TH's are driven by a single Eimac 35T. Includes all components, less tubes. **\$70.95**

K21280—Your Cost
K21281—NT-100PC Foundation Unit only, with all hardware and complete instructions. Your Cost **\$9.60**

Class B Modulator Unit

The National class B modulator foundation unit employs a pair of "Zero-Bias 203s" in Class B, which are driven from the output of the NTE exciter-speech amplifier and which plate-modulate the final described above. Complete with Thordarson components.

K21282—Modulator unit, less tubes. \$41.76

K21283—NT-300PC Modulator Foundation Unit, for use with Thordarson CHT components. Your Cost **\$7.20**

Modulator and Buffer Power Supply

This unit is for use with the buffer stage and the modulator stage, described above. A thoroughly engineered power supply, sold only in kit form. Uses two 866s.

K21284—Complete kit, less tubes. Your Cost **\$48.52**

K21285—NT-1200PC Med. voltage power supply foundation unit for Thordarson CHT components. Your Cost **\$7.20**

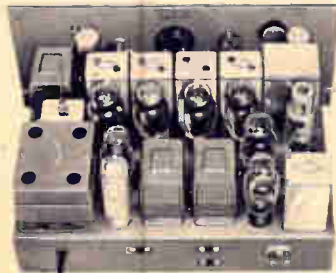
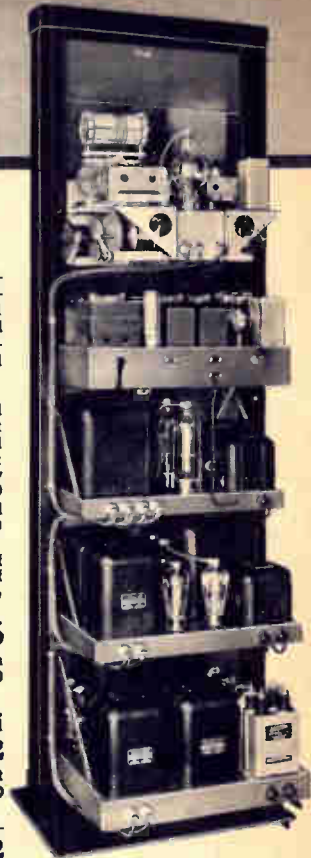
High Voltage Power Supply Unit

Designed to power the final amplifier. Kit complete with Thordarson CHT components. Uses two 866's.

K21286—Complete kit, less tubes. Your Cost **\$98.82**

K21287—NT-2000PC High Voltage Foundation Kit, for use with Thordarson CHT components. Your Cost **\$7.20**

Send for booklet on above Kits and NTE-B unit.



NTE EXCITER

The new National combination exciter and speech amplifier is the ideal answer to transmitter control at the operating position. It includes a versatile multi-band exciter unit with a choice of frequencies in each band, and a high-gain speech amplifier. The exciter can be used with either a conventional single crystal, a National "Vari-gap" variable frequency holder, or a National four-crystal multiple holder. The crystal oscillator is followed by three frequency-multiplier stages using 6L6's. Crystals can be controlled from the front panel, as can the frequency-multiplier stages which are selected by a convenient interlocking push switch of special low-loss design. The four-stage amplifier delivers 10 watts output from p.p. 2A3's with an input of .005 volts. Although the power supply is self-contained, the hum level is exceedingly low. A meter is provided for circuit adjustments.

K21289—NTE-A Exciter-Speech Amplifier for Table model in black wrinkle-finish steel. 5, 10, 20 and 75 meters. \$129.00
Your Cost, with all tubes. **\$129.00**

K21290—NTE-B, same but for 10, 20, 40 and 75 meters. Your Cost. **\$129.00**



HRO

Meets the demand for utmost reliability and performance in a communication receiver. Complete set of coils covering 1.7 to 30 mc furnished. Has two preselector stages; crystal filter and "S" meter.

K21264—HRO-2; 2½ volt a.c. table model with tubes and coils (10 to 176 meters) less power supply and speaker. List \$299.50.

K21265—HRO-6; similar to above, but for 6-volt battery operation. Shpg. wt. 62 lbs. List price \$299.50. \$179.70

Your Cost, Either Type **\$179.70**

K21250—HRO-2; 2½ volt rack panel mounting receiver, equipped as above.

K21251—HRO-6; rack panel mounting, for 6-volt battery operation. Shpg. wt. 62 lbs. List Price \$320.00. \$192.00

Your Cost, Either Type **\$192.00**

K21261—Type 5897 power supply for 2½-volt HRO. For 115 volts, 60 cycles a.c. Less tube. Shpg. wt. 18 lbs. \$15.90

List \$26.50. Your Cost **\$15.90**

K13773—Additional set of coils from 500 to 1000 kc. List \$20.00.

K13774—Additional set of coils from 900 to 2000 kc. Shpg. wt. 5 lbs. List \$20.00. \$12.00

Your Cost, per set **\$12.00**



MRR RACK

K21279—MRR Relay Rack, panel capacity, 24½", gray or black. \$13.50
Your Cost **\$13.50**

"HRO" Junior Receiver
Essentially similar to HRO receivers at left, less "S" meter and crystal filter.

K21252—HRO Junior for 2½ volt a.c. operation. With tubes, coil (10 and 20 M). Less power supply and speaker. \$108.00

K21253—HRO Junior for 6-volt battery operation. Equipped as above. Shpg. wt. 30 lbs. List Price \$180.00. \$108.00

Your Cost, Either Model **\$108.00**

K21261—Type 5897 power supply for 2½ volt HRO Juniors. For 115 volt, 60 cycles a.c. Less tube. \$15.90

Your Cost **\$15.90**

K13793—20-40 meter coil \$9.90

K13794—40-80 meter coil

K13795—80-160 meter coil Per Set

NATIONAL AMATEUR EQUIPMENT

for Better *RECEPTION* and *TRANSMISSION*



NC 44



NC 510

This is National's response to the demand for a communications receiver capable of fine performance on A.C. or D.C., and at a low price. Completely self-contained, except for speaker, it employs seven tubes in a modern superheterodyne circuit. Uses a 6K6 first detector and oscillator having exceptional stability and conversion gain. Other circuit features include: two 456 kc. i.f. stages, 2nd. detector and AVC tube; CW oscillator and a 25L6G beam power tube with an output of 2 watts. Separate controls are provided for r.f. and a.f. gain, and on and off switches for the AVC and CWO circuits. Power supply is self-contained and operates on 105-130 volts A.C. or D.C. Accurate tuning is made easy by the use of a full vision dial calibrated in frequency for each range covered and a separate linear scale for the band spread condenser. A straight line frequency condenser is used in conjunction with a separate band spread condenser. Both condensers have an inertia-type drive. Coil switch has silver-plated contacts and selects the four ranges covering 550 kc. to 30 mc. Provision is made for either headphone or speaker operation. In black crackle finished metal cabinet size: 8 3/4" high, 17" wide, 10 3/4" deep. Shpg. wt. 45 lbs.

K21273—NC-44 Receiver, complete with tubes, coils covering from 550 kc. to 30 mc., and speaker chassis, **\$49.50**
for 105-130 volt AC-DC. **Your Cost**
K21274—NC-44B Same as above, but for 6 volt battery operation, less batteries. **\$49.50**
Your Cost

A specialized superheterodyne communications receiver covering 28 to 64 mc. in three ranges, each calibrated in megacycles on a straight line, full vision dial. Has a meter-type mirror for eliminating parallax, adjustable frequency markers for logging stations on dial, range indicator directly on dial and inertia-type tuning drive with 60:1 ratio. Convenience of coil switch is provided by a new system of automatic coil changing. Coils mounted radially in cast aluminum turret controlled by knob on front panel. A three-gang straight line frequency tuning condenser and r.f. circuit and tubes contained inside condenser frame make for shortest possible leads. Use of acorn tubes, 956 r.f., 954 1st. det. and 955 in h.f. osc. together with 1560 kc. i.f. channel provides "HRO" performance on 5 to 10 meters for first time. Air-dielectric tune r.f. and i.f. circuits. Crystal filter in 3rd i.f. stage has continuous variable selectivity from 300 cycles to 7 kc. Range of phasing circuit (heterodyne elimination) is also extended. Filter can be switched out of circuit at will. 6V6G beam-power tube delivers undistorted output of 2 watts. Other features: CW oscillator, new AVC circuit, V.T. voltmeter calibrated in "S" units. In black crackle finish cabinet. Shpg. wt. 62 lbs.

K21275—NC-510 receiver, complete with tubes, coils, 8" speaker with cabinet, less power supply. **\$150.00**
Your Cost
K21277—A.C. power supply less tube **\$17.70**
K21276—NC-510B receiver for 6 volt battery operation **\$150.00**



**NC 80X
AND 81X**

Using ten tubes in a high gain superheterodyne circuit this inexpensive receiver has exceptional operating characteristics. Provides a high order of image suppression because of a new i.f. amplifier operating at 1560 kc. Crystal filter has continuously variable selectivity from 300 cycles to 7 kc. Xtal filter remains in circuit at all times. Tuning system employs a multiple scale dial, full-vision type, calibrated in mc. Has mirror for overcoming parallax, and adjustable frequency markers. Air Dielectric tuned r.f. and i.f. circuits. Uses automatic plug-in coils controlled by front panel knob. Frequency coverage continuous from 550 kc. to 30 mc. Black crackle finish cabinet, 8 3/4" x 17" x 10 3/4".

K21269—Model NC-80X complete with tubes, crystal, power supply, 8" PM speaker. For 115v. A.C. or D.C. Shpg. wt. 70 lbs. **\$99.00**
Your Cost
K21271—Model NC-81X, similar to above, but covers only ham bands on 160, 80, 40, 20, 10 meters **\$99.00**
only. **Your Cost**



NC 101X

NC-101X is an 11-tube superheterodyne communications receiver built strictly for amateur bands and covers only the following ranges: 1.7-2.05, 3.5-4.0, 7.0-7.3, 14.0 to 14.4 and 28.0 to 30.0 Mc. Completely self-contained (except for speaker) in table model cabinet, readily adapted to relay rack mounting. Has one stage of r.f. and two of i.f. Low loss insulation and selectivity coils give ample sensitivity and selectivity. Separate r.f. and a.f. gain controls. Signal strength meter mounted on front panel. Also has tone control, CW oscillator, AVC with amplified and delayed action, B switch and phone jack. With crystal filter. Black crackle finish. 8 3/4" high, 17" wide, 11 1/2" deep. Shpg. wt. 89 lbs.

K21263—NC-101X, with tubes, crystal, power supply, "S" meter and speaker **\$129.00**
chassis. **Your Cost**



**NC 100A
AND 100AX**

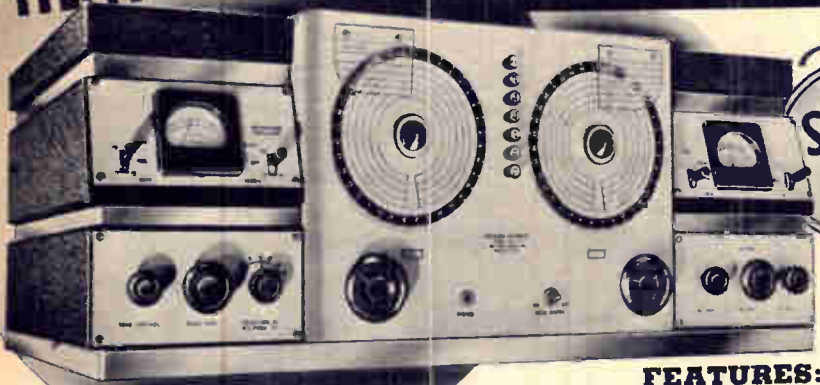
These communications type receivers are similar in circuit design to the NC-101X described at left but cover the tuning range 540 Kc. to 30 Mc. (555 meters to 10 meters). One stage of r.f. and two stages of i.f. are used. Each has self-contained power supply which provides all necessary voltages including speaker field excitation. An extremely efficient range changing system is used, unique in that it combines the mechanical convenience of a coil switch with the electrical efficiency of plug-in coils. The large full-vision dial is calibrated directly in megacycles and a separate high speed vernier dial provides high precision in logging. The NC-100XA is similar to the NC-100A but is equipped with a built-in crystal filter.

K21256—NC-100A—Complete with all tubes and a 10" speaker in cabinet. **\$120.00**
Your Cost
K21257—NC-100XA—Similar to above, but with built-in crystal filter. Complete with tubes and 10-inch speaker in cabinet. **\$142.50**
Your Cost
K21278—Mounted "S" meter. For use on models NC-80 and NC-81X. Only necessary to connect two wires to install meter. **\$6.00**
Your Cost

Radio Crafters

WORLD-FAMOUS

The SKYRIDER DIVERSITY MODEL DD1



The Sky Rider Diversity receiver is a distinctly outstanding innovation and improvement in amateur receiver design. This receiving system consists of two complete r.f., i.f., and second detector circuits with a common R.F. Heterodyne Oscillator, common A.V.C. and one Audio Amplifier. The advantages of this system result in the reduction of fading signal strength over any single receiver; improvement of signal-to-noise ratio; reduction of heterodyne beat-note interference. Incorporates an Infinite Rejection Circuit, whereby with a single control an interfering signal may be completely eliminated. Component parts of the system are constructed of heavy-gauge metal, sturdy channel construction, finished in black crystal with contrasting chromium. Instrument panels finished in satin aluminum. The Sky Rider Diversity receiver presents a handsome, efficient appearance, and sets a new high standard in electrical and mechanical perfection in amateur receivers.

FEATURES:

- Diversity Reception throughout its tuning range.
- 6 Bands covering from 545 KC to 44 MC—plus 25 tubes in the complete system.
- Separate "Diversity Action" meters, Carrier average output meter, Current equalizing meter.
- Average sensitivity better than 1 microvolt.
- 2 stages of R.F. in each receiving section.
- 500 and/or 1,000 cycle Hetrotone osc. for C.W.
- Infinite Adjacent Channel Rejector.
- Separate electro-mechanical band spread control.

K21027—Model DD1 Tuner. Wt. 125 lbs.
29 3/4" x 11 3/4" x 19 1/4" **\$300.00**

YOUR COST

Stock No.	Unit	W.	H.	D.	Lbs.	Year Cost
K21022	Audio Amplifier	7 1/2"	10 3/4"	16 1/2"	40	\$50.00
K21023	Power Supply	7 1/2"	10 3/4"	16 1/2"	35	40.00
K21024	"Diversity Action" Meters with Cable	7 1/4"	4 3/8"	6"	8	20.00
K21025	12" Dynamic Speaker, in Matching Cabinet	15 1/2"	13"	9 3/4"	17	12.00
K21026	Special Walnut Console Cabinet, with cover and 15" Dynamic Speaker.				160 lbs.	90.00

(All units priced complete with Raytheon Tubes.)



The SKYRIDER MARINE

This is a specially designed 8 tube commercial receiver which can be readily adapted for marine work. Its design lays special emphasis on 600 and 700 meter operation. Tunes from 16.2 to 2150 meters (140 KC to 18.5 MC) on 4 bands. Employs a 338° directly calibrated main tuning dial, and an efficient separate mechanical band spread dial. Sensitivity and selectivity are excellent; improved image rejection at the higher frequencies achieved by use of 1600 KC I.F. transformers. Other Incorporated Features are: ● Beat Frequency Oscillator. ● Built-in Speaker. ● Automatic Volume Control. ● Individual Coils for each Band. ● Sensitivity, Gain and Tone Controls. ● Head Phone Jack. Mounted in sturdy metal cabinet, finished in black crystal. Available in two types, for 110 V. 60 cycle operation, or for 110 Volts AC and DC. For 6 volt storage battery operation, use 6 volt to 110 volt AC Converter listed below.

K21077—Model S-22 for 110 volts 60 cycle A.C. operation, including tubes and speaker. Shpg. wt. 35 lbs. **\$64.50**

K21078—Model S-22A, as above but for 110 V. AC-DC operation. YOUR COST **\$64.50**

The SKYRIDER 5-10

An Ultra-High Frequency receiver of superior design, for the amateur who needs and wants exacting performance. Covers the radio spectrum of 68 MC to 27 MC (4.4 to 11.1 meters) in two bands, with an unusual high degree of sensitivity and selectivity. Employs the recently developed RK 1851 tube as an R.F. amplifier, resulting in a 6 to 1 gain increase and an ultra-high frequency sensitivity of better than 1 microvolt. The I.F. stage is peaked at 1600 KC, providing a band width of 20 KC, at 10 times down. This selectivity permits even frequency modulated signals at 5 meters to be received clearly and distinctly.

ADDITIONAL FEATURES

- Noise Limiter
- Improved Band Spread
- Built-in Speaker
- Send-Receive Switch
- 1600 KC I.F. Amplification
- RK 1851 Stage of Pre-Selection
- 8 Tubes
- Continuous Coverage 27 MC to 68 MC on 2 Bands
- Socket for SM18 Carrier Level Meter

Tube Complement: 1851-R.F.; 6L7-1st Det.; 6J5-H.F. Osc.; 6P7-I.F. and B.F. Osc.; 6Q7-2nd Det., AVC and 1st Audio; 6H6-Noise Silencer Stage; 6F6-Power Stage; 80-Rect. Receiver mounted in sturdy steel cabinet, finished in gray. Designed for operation from 110 volts, 60 cycles, AC only. For 6 volt storage battery operation, see 6 volt Converter below. K21074—Sky Rider 5-10 (Model S-21), complete with tubes and speaker; Dim. 18 1/2" W., 9 3/8" D., 8 1/2" H. Shpg. wt. 34 lbs. **\$69.50**

K14225—ELECTRONIC Model 301 Converter for 6 Volt Battery Operation for SKYRIDER MARINE AND 5-10 Receivers. **\$16.17**
Shipping wt. 11 lbs. YOUR COST



COMMUNICATIONS RECEIVERS

The SUPER SKYRIDER

The New Super Skyrider is a distinctive outstanding Communications Receiver, incorporating every important essential for efficient satisfactory reception from 5 meters to the top of the broadcast band. It covers precisely the frequency range of 62,000 to 545 KC, in 6 bands, all directly calibrated on a large attractive dial, plus over 1000° of unique mechanical-electrical band spreading. It incorporates Wide Range, Variable Selectivity—from single signal razor sharpness to broad high fidelity. The new and improved iron core I.F. transformers used provide this Wide Range Variable Selectivity—7.5 to 22.5 KC band width at 100 times signal frequency. With crystal in circuits, selectivity is better than 1 KC, offering a total ratio of variable selectivity of 30 to 1. Large controls, an "S" meter and inertia tuning mechanisms make this receiver one of the smoothest, easiest tuning receivers available. Tube complement: RF-6K7; 1st Det.-6L7; 1st I.F.-6K7; 2nd I.F.-6K7; 2nd Det. AVC; 1st Audio-6R7; Power Output-PP 6V6G's; H.F.O.-6J5; Meter Amplifier-6J7; B.F.O.-6J7; Rectifier-5Z3.

K21087—Model S-16 SUPER SKYRIDER, including tubes but less crystal. Dim. 21 $\frac{1}{8}$ " W., 9 $\frac{3}{4}$ " H., 11" D. Shpg. Wt. 60 lbs. **\$99.00**

YOUR COST.....
K21088—Model SX-16 SUPER SKYRIDER, same as above **\$111.00**
but with crystal. YOUR COST.....

K21090—Model SX-17 SPECIAL MODEL SUPER SKYRIDER. Incorporates two stages of Pre-Selection instead of the single stage as in the standard model. Also, incorporates the Dickert Automatic Noise Limiter for better Ultra-High frequency reception, and crystal plus a 12" Dynamic Speaker in matching cabinet. Shipping weight 62 lbs. **\$149.50**

YOUR COST.....
K21089—12" PM Dynamic Speaker in matching cabinet. **\$12.00**
Wt. 17 lbs. YOUR COST.....

The SKY CHALLENGER II

A real amateur's and short-wave listener's Communications Receiver. Tuning range from 38 MC to 540 KC (7.9 to 557 meters) on 5 bands. Uses 9 tubes as follows: 6K7-R.F.; 6L7-1st Det.; 6J5G-Osc.; 6K7-1st I.F.; 6K7-2nd I.F.; 6Q7G-2nd Det.; 6J7-B.F.O.; 6F6G-Output; 80-Rectifier. Incorporates Infinite Image Rejector which removes annoying interference on the high frequency bands; famous 1000° Spiral Band Spread; Recessed Main Tuning Dial; Iron Core I.F.'s; A.V.C. Switch; "S" Meter Terminals; Crystal Filter Circuit; Phasing Control; Pitch Control; R.F. and A.F. Gain Controls; Send-Receive Switch; Used with either a Marconi or Doublet Antenna; and innumerable other excellent engineering refinements. Cabinet size, 9 $\frac{3}{8}$ " high, 21" wide, 11" deep. Sturdy modern construction, very attractive in appearance. Designed for operation from 110-120 volts, 50-60 cycles AC operation. Can be operated from 6 volt storage battery by employing a 6 V. D.C. to 110 V. A.C. Converter. Shpg. wt. 60 lbs.

K21091—Model S-18 SKY CHALLENGER II, complete with tubes, less crystal. **\$77.00**

YOUR COST.....
K21092—Model SX-18 SKY CHALLENGER II, same as above, -but with tubes and crystal. **\$89.00**

YOUR COST.....
K21050—8" PM Dynamic Speaker in Cabinet, shpg. wt. 8 lbs. **\$10.00**

YOUR COST.....

The SKY CHAMPION

An 8 tube Amateur's Communication Receiver with complete coverage from 44 MC to 545 KC in 4 bands. Incorporates Pre-Selection, Built-In Speaker, Beat Frequency Oscillator, Separate Band Spread Dial, Individual Coils for each band; Inertia Tuning Mechanism, AVC Switch, Sensitivity Control as well as A.F. Gain Control, Phone Jack, Send-Receive Switch, Pitch Control, Tone Control, and many other refinements. The 8 tubes in this Superheterodyne receiver are used as follows: 6K7-R.F. Stage; 6L7-first Det.; 6J5-H.F. Oscillator; 6K7-I.F. Stage; 6Q7-second Det., AVC, and first Audio; 6F6-Power Output Tube; 80-Rectifier; 6J5-B.F.O. The sensitivity and selectivity of this receiver are only to be compared with communications receivers selling at considerably more than the price listed for this instrument. Housed in handsomely finished steel cabinet, dimensions 18 $\frac{1}{2}$ " wide, 9 $\frac{3}{8}$ " deep, and 8 $\frac{1}{2}$ " high. Shipping wt. 34 lbs. For 110-120 volts, 50-60 cycles AC operation only.

K21093—Model S-20 SKY CHAMPION, complete with tubes. **\$49.50**

YOUR COST.....

The SKY BUDDY

An economically priced Amateur's receiver with so many engineering refinements as to make it outstanding in its price field. Employs only five tubes, and has 3 bands of operation—yet gives complete coverage from 18.4 MC to 545 KC. Other features are: Built-In Speaker; Send-Receive Switch; AVC Switch; Separate Band Spread Dial; Beat Frequency Oscillator; Pitch Control; Phone Jack; plus many more. The 5 tubes in this set are used in a Superheterodyne circuit as follows: 6K8-first Det. and Oscillator; 6P7-I.F. and B.F.O.; 6Q7-second Detector, AVC, and First Audio; 6K6-Power Output Tube; 80-Rectifier. Equipped for either Doublet or Marconi antenna. For 110-120 volts, 50-60 cycle, AC operation only. Steel Cabinet black crystal finish, dimensions 17 $\frac{1}{2}$ " long, 8 $\frac{3}{8}$ " deep, and 8 $\frac{1}{2}$ " high. Shpg. wt. 34 lbs.

K21094—Model S-19, SKY BUDDY, complete with tubes. **\$29.50**

YOUR COST.....





Hammarlund "SUPER PRO" Receiver AND SHORT-WAVE EQUIPMENT

HAMMARLUND'S 25 TH YEAR



"SUPER-PRO"

World famous 16-tube superhet featuring: two steps of R.F. amplification on all bands; three hi-fi audio stages; visual tuning meter; electrical band spread; four air-tuned i.f. stages; audio output of 15-watts; double diode second detector; direct tuning. Controls include: direct tuning; 3-16 kc. band width; audio and sensitivity controls; beat oscillation control; stand-by switch; a.v.c.-manual switch; c.w.-mod. switch; phone-speaker switch. Two models available, one 7.5 to 240 meters and the other 16 to 555 meters. Steel cabinet 18x14x11 1/4". Wt. 65 lbs.



"TC" X'mitting Condensers

Moderately priced heavy duty transmitting condensers featuring: heavy aluminum end plates; Isolantite cross bars; non-inductive Beryllium self-cleaning contacts; full floating rotor bearings. Type L has .025" plates with plain edges; all others have .040" rounded plates. Type "F" has 230", 7500 v. air gap; Type "G" .200", 6750 v. gap; type "H" .171", 6000 v. gap; type "J" .100", 4250 v. gap; type "K" .084", 3750 v. gap; type "L" .070", 2000 v. gap; type "M" .031". 1200 v. gap. These condensers are ideal for modern, up-to-date transmitters with power outputs ranging from 200 watts to 1 kilowatt.



lator control; stand-by switch; a.v.c.-manual switch; c.w.-mod. switch; phone-speaker switch. Two models available, one 7.5 to 240 meters and the other 16 to 555 meters. Steel cabinet 18x14x11 1/4". Wt. 65 lbs.

15-555 Meter Models

KZ1040—Table Model SP110, with tubes, power supply and Jensen 8" dynamic speaker. Less crystal. List \$405.00 **Your Cost \$243.00**

KZ1041—Table Model SP110X, as above, with crystal. **Your Cost \$261.00**

KZ1042—Rack Model SPR110 complete, less crystal. **Your Cost \$265.50**

KZ1043—Rack Model SPR110X complete with crystal. **Your Cost \$283.50**

Add \$12.00 to above prices for free descriptive catalog.

7.5-240 Meter Models

KZ1044—Table Model SP110S, with tubes, power supply and Jensen 8" speaker. Less crystal. List \$405.00 **Your Cost \$243.00**

KZ1045—Table Model SP110SX, as above, with crystal. **Your Cost \$261.00**

KZ1046—Rack Model SPR110S complete, less crystal. **Your Cost \$265.50**

KZ1047—Rack Model SPR110SX complete with crystal. **Your Cost \$283.50**

110-volt, 25 cycle a.c. Send for free descriptive catalog.

"TC" Single Units

Stock No.	Type No.	Cap. Mmfd.	Len. In.	Your Cost
K9030	TC-220-L	220	3 3/4	\$2.70
K9034	TC-440-L	440	5	4.62
K9035	TC-90-K	90	2 1/4	2.70
K9036	TC-165-K	165	3 3/8	3.90
K9037	TC-220-K	220	3 3/4	4.80
K9038	TC-290-K	290	5	5.70
K9039	TC-330-K	330	5 3/4	6.00
K9040	TC-240-J	240	5 3/4	6.12
K9041	TC-25-H	25	2 1/2	2.10
K9042	TC-50-II	50	3 3/8	3.60
K9043	TC-100-H	100	5 3/4	5.40
K9044	TC-18-G	18	2 1/2	3.12
K9045	TC-40-G	40	3 3/8	4.20
K9046	TC-65-G	65	5	5.28
K9047	TC-100-G	100	6 3/4	6.72
K9048	TC-150-G	150	9 3/4	8.88
K9049	TC-55-F	55	5	4.90

"TCD" Dual Units

Split stator condensers identical with type "TC" except that stator sections are individual. Capacities shown are per section. Ideal for p.p. power amplifiers.

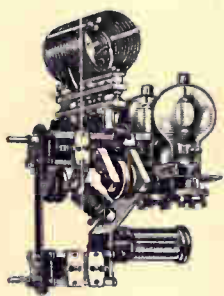
Stock No.	Type No.	Cap. Mmfd.	Len. In.	Your Cost
K8933	TCD-500-M	500	3	\$3.90
K8934	TCD-80-L	80	3	3.30
K8935	TCD-210-L	210	5	4.92
K8936	TCD-90-K	95	3 3/4	4.50
K8937	TCD-165-K	165	5	6.60
K8938	TCD-325-K	325	10	12.30
K8939	TCD-240-J	240	10	11.40
K8940	TCD-50-H	50	5	5.88
K8941	TCD-110-H	110	10	9.60
K8942	TCD-40-G	40	6	6.36
K8943	TCD-75-G	75	10	8.70
K8944	TCD-55-F	55	10	8.10

Type "MC" Midget Units

Cadmium-plated soldered brass plates; Isolantite insulation; heavy aluminum ends; single-hole mount; .0245" gap; .025" plates; 1/4" shaft, can be ganged; silver plated Beryllium wiper; has stop; 500-volt a.c. test; all are clockwise.

Stock No.	No. of Plates	Cap. Min.-Max.	Your Cost
K8503*	3	4.5-20	\$0.84
K8504*	5	5-35	.90
K8505*	7	6-50	.96
K8506†	11	6.5-80	1.20
K8507*	11	7-80	1.20
K8508*	14	7.5-100	1.35
K8509†	14	7-100	1.35
K8510†	19	8-140	1.50
K8514*	19	9-140	1.50
K8511†	27	10-200	1.65
K8512†	34	11-260	1.80
K8513†	43	13-320	2.10

"PA-300" Transmitter Foundation Kit



Designed to make it easier for the amateur to build his transmitter. Standard Hammarlund parts are used, and these are fastened together with specially formed brackets. Entire unit is self supporting; no chassis is required. Parts are so placed that connecting leads are short as possible. Foundation kit consists of 4 brackets that have silver-like finish. Can be used with any of the popular triodes (800's, RK-37's, 35-T's); output varies from 100 to 300-watts depending on type tubes used. Foundation kit furnished with instructions and drilling template. 13x8 1/2 x 8". Shpg. wt. 2 lbs.

K9009—List \$3.25 **Your Cost \$1.95**

COMPLETE PARTS KIT: Includes

Foundation Kit and following parts: 1 MTC-100-B and 1 MTC-100-C condensers; 2 N-10 neutralizing condensers; 1 CH-500 choke; 2 S-4 and 1 S-5 sockets; 4 SWF-5 coil forms. With instructions. List \$27.95 **Your Cost \$16.77**

"BD-40" Buffer-Driver

Driver unit, can be used with the PA-300. All parts mounted with various brackets. Uses a low power beam tube (807, RK-39, etc.). Output approx. 40 watts. Driver can be used as low power output stage in beginners transmitter. Overall size: 8 1/4 x 7 1/2 x 3 1/4". Excellently shielded; all leads short as possible. Foundation kit consists of 1 base plate, 1 large shield, 5 angle brackets, tube shield, all hardware. With instructions. Shpg. wt. 2 lbs.

K9011—List \$3.60 **Your Cost \$2.16**

COMPLETE PARTS KIT: Consists of Foundation Kit plus 2 MTC-100-C condensers, 2 S-4 and 1 S-5 sockets, 1 CHX choke, 8 SWF-4 coil forms and instructions. Wt. 6 lbs. **Your Cost \$8.94**

"OD-10" Oscillator Doubler

Essentially the same as the "BD-40," but uses a 6L6-G tube, has no tube shield and no vertical coil shield. This is a "tri-tet" crystal oscillator and doubler. Kit includes a special crystal mounting; both coil and crystal are changed in one operation. Kit contains: 5 brackets for mounting parts, 1 base plate, 1 crystal mounting and all hardware and instructions. Shpg. wt. 2 lbs. **Your Cost \$1.95**

K9013—List \$3.25. **Your Cost \$1.95**

COMPLETE PARTS KIT: Contains "OD-10" Foundation Kit and following parts: 2 MTC-100-C condensers; 2 S-4 and 1 S-8 sockets; 1 CHX choke; 2 SWF-4 coil forms. Wt. 6 lbs. **Your Cost \$7.66**

"K9014" Your Cost \$7.66

Band Spread Midgets

Tank section has capacitance of 100 mmfd. and can be set and locked. Isolantite insulation. 1/4" shaft front and rear for ganging.

No.	Type	Mmfd.	Each
K8516	MC120B	18	\$1.80
K8517	MC150B	50	1.95

Dual-Spaced Midgets

.0175" air gap; Isolantite insulation; single-hole mount; compact.

No.	Type	Mmfd.	Each
K8527	MC20MX	20	\$1.20
K8468†	MC20SX	20	1.20
K8488†	MC35MX	32	1.35
K8489†	MC50MX	50	1.65
K8490*	MCD35MX	31-31	2.10
K8528*	MCD35SX	31-31	2.10

* Split-stator. † Straight Line.

"HF" Micro Condensers

Cadmium-plated, soldered brass plates; Isolantite insulation; single-hole mounting or base mounting.

No.	Mmfd.	Plates	Each
K8700	17.5	5	\$0.75
K8701	35	10	.90
K8702	50	14	.96
K8703	100	27	1.14
K8704	140	37	1.35
K8705*	30	20	1.11

Split-Stator Units

Specs are given per section.

K8706	50	14	\$1.65
K8707	100	27	1.95
K8708	140	37	2.25
K8709*	28.5	19	1.95

* Indicates double spacing.



Shaft Coupling
Bakelite canvas; brass bushings for 1/4" shafts; 4 set-screws for shaft; overall diameter 1 1/2". **K8412**—FC **Your Cost \$3.60**

STAR Midget Condensers

Non-corrosive aluminum plates. Bakelite insulation. Single-hole mount, 1/4" shaft. Wiper spring contact to rotor plates.



Stock No.	Cap. Mmfd.	Depth Inches	Your Cost
K8482	15	1 1/8	51c
K8483	25	1 1/8	51c
K8484	50	3/8	54c
K8485	100	1 1/8	60c
K8486	140	1 1/2	75c
K8487*	35	1 1/2	60c
K8469*	50	1 1/2	75c

* Double-spaced transmitting units.

Special condensers can be supplied to order. Specify rotation, capacitance, spacing, shaft extensions, etc.

"XP53" SHORT-WAVE PLUG-IN COILS



Provide maximum signal strength and greatest selectivity on all bands. Precision wound on natural, amber-colored ribbed forms. Flange grips for easy handling, and meter indexes for wavelength inscriptions. 1 1/2" diameter, 2 3/4" long, exclusive of prongs. Has shelf for padding condenser. Fit standard sockets.

SWK4 4-PRONG KIT

Kit of four 2-winding coils covering from 17 to 270 meters with 140 mmfd. condenser. **Your Cost \$1.80**

SWK6 6-PRONG KIT

Kit of four 3-winding coils covering from 17 to 270 meters with 140 mmfd. condenser. **Your Cost \$2.25**

Individual 4-Prong Coils

Stock No.	Meters	List	Net
K8500	10 to 20	\$1.00	60c
K8474	17 to 41	1.00	60c
K8476	33 to 75	1.00	60c
K8475	66 to 150	.75	45c
K8477	135 to 270	.75	45c
K9790	250 to 560	1.25	75c

Individual 6-Prong Coils

Stock No.	Meters	List	Net
K8501	10 to 20	\$1.25	75c
K8478	17 to 41	1.25	75c
K8479	33 to 75	1.25	75c
K8480	66 to 150	1.00	60c
K8481	135 to 270	1.00	60c
K9791	250 to 560	1.50	90c

SWF LOW-LOSS COIL FORMS

These forms are made of XP53 dielectric. Their amber color is natural. All forms are grooved and equipped with flange grips for easy handling. Meter indexes for wavelength inscription. Size 1 1/2" diameter, 2 3/4" long.

K9970 4-prong **21c** | K9972 6-prong **24c**
K9971 5-prong **21c** | Your Cost Each



TCF Giant Transmitter Form

Similar to above but for large transmitting coils. Groove ribbed for air-spaced windings. Supplied with brackets for base mounting. 2 1/2" winding diameter. 3" long exclusive of prongs. Fits standard 4 and 5 prong tube sockets.

K8740 4-prong. K8741 5-prong. Either Type, Each **42c**

28-56 MC. Coil Form

Designed for maximum efficiency on ultra high frequencies within 28 to 56 megacycle band. Made of Isolantite, equipped with 5 prongs for standard socket; 1 1/2" diam., 2" long.

K10055 CF5M **60c**
Your Cost



Isolantite Coil Forms

Equipped with a black enameled grip handle. Size 1 1/2" diameter, 2 1/2" high, form only. Ample holes are provided for taps, etc.

K10056 4-prong form
K10057 5-prong form
K10058 6-prong form
Type CF **75c**
Your Cost, Ea.



Iron Core Transformers



Have extremely high gain and sensitivity. For use with all tubes. All tuned to 456 kc. Mica trimmers on Isolantite. Overall 1 3/4" square, 4 1/2" high. Spade bolt mounting, 1 1/2" centers. For 1 and 2 stage amplifiers.

K8729 Single stage input. ICT-1
K8730 Single stage output. ICT-2
K8731 Two stage input. ICT-3
K8732 2 stage interstage. ICT-4
K8733 2 stage output. ICT-5
Your Cost, Any Type \$1.80

Variable Coupling I.F. Air-Tuned Transformer

Continuously variable coupling for maximum fidelity or selectivity. 3-pie Litz windings on Isolantite. Air-type tuning condensers mounted on side of can. Can 2" square, 5" high.

K8537 For 465 kc. Type VT.
K8535 For 175 kc. **Your Cost \$3.30**
Each
K8536 Type VTC panel control unit for up to 4 i.f.'s. **Your Cost Each \$1.50**



Litz-Wound Air-Tuned I.F. Transformers



These units will retain their original settings to within 1/10 of 1%. Coils are Litz-wound, condensers of air-dielectric type. Exceptional "Q" of 115 with gain of 200 per stage. Beat oscillator has lever to obtain 1000 or 1500 kc. note.

2 1/2" diam., 5" high. Type ATT.
Not Tapped At Center
K8542 465 kc. Tapped **K8495**
K8543 465 kc. beat oscillator. **Your Cost Each, Any Type \$2.70**

Type "T" I.F. Units

Lattice wound coils impregnated against moisture. 465 kc. units are Litz wound. Condensers are highest grade mica type on Isolantite base and are adjustable from the top. Shield is 2 1/2" dia., 3 1/2" high. Threaded lugs for mounting on 2" centers. With screen-grid caps.

Not Peaked Center Tapped
K8539 At 175 kc. **K8466**
K8540 465 kc. **K8467**
K8541 465 beat oscillator. **Your Cost Each, Any Type 99c**



Exciter Tuning Unit

Ideal tuning units for constructing high frequency i.f. transformers for U.H.F. superhets and for use in xmtr exciter units. Has two 25 mmfd. condensers on Isolantite base. Coil form 7/8" diam., 2" long. In shield can 2x1 1/2"x4".

K8533 **Your Cost \$2.40**



Type "ST" Midget I.F.s

Similar to above, but 2 3/4" by 1 1/2"; 1 1/2" centers. 262 kc. type for auto radios.

Not Peaked Center Tapped
K8734 At 175 kc. **K8737**
K8735 465 kc. **K8738**
K8736 262 kc.
K8739 465 kc. beat oscillator. **Your Cost Each, Any Type 99c**

Air-Padding Condensers



Isolantite base; soldered brass plates; 0.15" air-gap; only 1 1/2"x1 1/2" high. Screw-driver adjustment; maintain constant capacity under all climatic conditions. Type APC.

Stock No.	Cap. Min.	Mmfd. Max.	Your Cost
K8523	3	25	\$0.78
K8624	3.9	50	.90
K8625	4.5	75	1.02
K8626	5.5	100	1.14
K8743	6.5	140	1.35



Equalizers

Mica dielectric; Bakelite base; phosphor bronze plates; size of base 1 1/4" by 1 1/4". May be attached directly to binding post of socket, etc.

K9748 3 to 35 mmfd. EC-35. **Your Cost Each 18c**
K9749 25 to 80 mmfd. **Your Cost Each 24c**

Mica Trimmers

Type "MICS". Mounted on Isolantite bases. Size, 1x1 1/4". Tested for 500 volts d.c. breakdown.

Stock No.	Cap. Min.	Mmfd. Max.	Your Cost
K9952	10	70	30c
K9953	70	140	36c
K9954	140	220	42c
K9955	600	1000	60c



Type "MEX" Trimmer

Mica dielectric on Isolantite base. Size, 5/8x3/4". Has capacitance of 3 to 30 mmfd.

K9747 MEX-30 **Your Cost Each 18c**



ISOLANTITE TUBE AND COIL SOCKETS



Ideal low loss sockets for improved high frequency reception. Constant resistivity and contact eliminate noise. Glazed top and sides, "Ceresin" treated underneath. Circular tube "guide groove". Subpanel or base mounting. 2 1/4" long x 1" wide. 1 1/2" mtg. centers.

No.	Prongs	No.	Prongs	No.	Prongs	Each
K8496	4	K8498	6	K8530	7S	36c
K8497	5	K8499	7L			45c

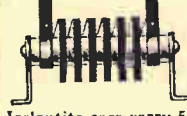
High Frequency Acorn Socket

Isolantite base. Silver plated double grip spring clips 1 1/2" diameter. Aligning plug. Designed especially for use with 954 and 955 (acorn) tubes.

K8473 Type S-900 **Your Cost Each 90c**



Heavy-Duty R.F. Choke



For hi-power rigs working in the 20, 40, 80 and 160-meter bands. Six pies on Isolantite core carry 500 ma., continuous. Inductance 2.4 mh., d.c. resistance 8 ohms. For parallel feed. Effective from 1500 to 15,000 kc. Type CH-500.

K8522 **Your Cost \$1.05**

Isolantite R.F. Choke

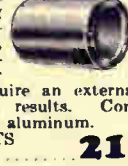
For short and ultra-short wave receivers and transmitters. Four windings carry 125 ma., inductance 8 mh., d.c. resistance 70 ohms. 1 1/2"x7/8". Type CH-8.

K8524 **Your Cost 66c**

Power Tube Shield

Designed for use with xmtrting pentodes, tetrodes, and 807, RK-39, 804, RK-20 and similar tubes which require an external shield for best results. Constructed of heavy aluminum.

K8534 Type PTS **Your Cost 21c**



Midget R.F. Choke

5 universal-wound pies on Isolantite core. 1 1/2" long, 1/2" in diameter. Inductance 2.1 mh., d.c. resistance 35 ohms, rated at 125 ma.

K10002 Type CH-X **Your Cost Each 36c**

Cased R.F. Chokes

In aluminum shield can. Used in hi-gain circuits. 3 universal-wound pies. Inductance 10 millih., d.c. resistance 65 ohms; rates at 100 ma.

K8523 Type CH10S **Your Cost 60c**

Bakelite-Cased Chokes

Type RFC85 Passes 60 ma. 85 millih., 215 ohms.

K8525 **Your Cost \$1.20**

Type RFC250 250 millih., at 60 ma., 420 ohms. **K8526 **Your Cost \$1.35****

Short Wave Manual

Constructional data on short and ultra-short wave receivers, power supplies, xmtrers, preselectors converters. Photos and diagrams. 32 pages. Latest edition.

K20023 **Your Cost Each 10c**

Neutralizing Condensers



A new type high voltage horizontal adjusting neutralizing condenser. Thick, polished aluminum plates with rounded edges. Oversized fine thread screw provides micrometer control. Lock nut for permanent setting. Isolantite insulation. Two-hole base mounting.

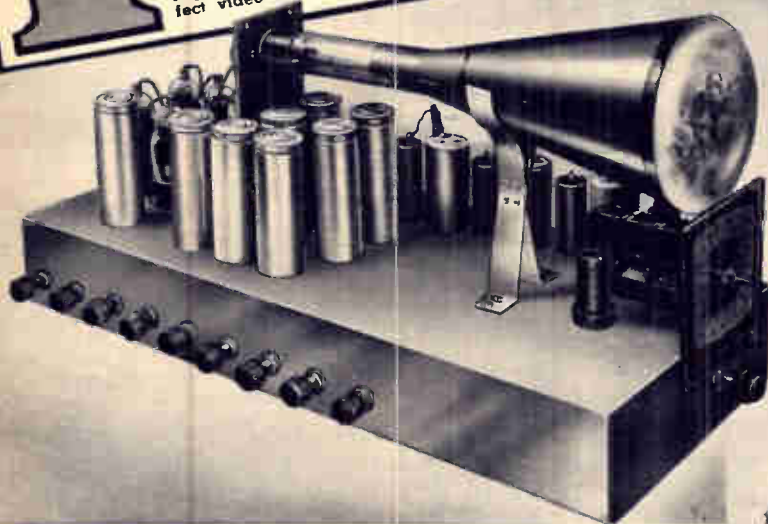
Stock No.	Cap. Range	Air Gap	Range	Plate Dia.	Each
K8573	2.1-10 mmfd.	1/8"	1 1/2"	1 1/2"	\$1.80
K8574	3.2-14 mmfd.	3/8"	2 1/2"	3 1/2"	3.60
K8575	3.8-14 mmfd.	1/2"	2"	4"	3.90

TELEVISION IS HERE!

1ST AS USUAL-

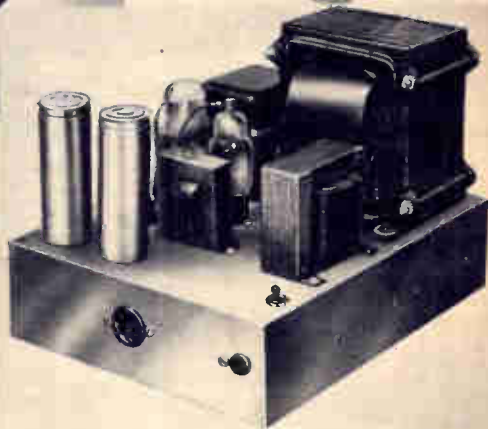
WHOLESALE RADIO SERVICE CO. proudly takes the lead once more and presents to amateurs and experimenters everywhere the first practical cathode-ray television kit. Incorporating the very latest developments in this fascinating modern miracle of science this kit is the culmination of years of effort on the part of the foremost workers in this field, both here and abroad. With this advanced kit, designed by America's outstanding television engineers, the video art takes its first important "step out of the laboratory". It is a perfect video instrument for the home experimenter.

Add to your Thrills by building your own receiver



GAROD TELEVISION KIT

The unforgettable thrill of capturing images from the air is now yours, as is also the undeniable and pardonable pride that will come from being among the first to enjoy this most modern form of entertainment. Conforming fully to standards set up by television stations throughout the country and fully licensed by RCA this receiver is designed to reproduce images scanned at 441 lines, interlaced, 30 frames per second. This provides images that are sharp in detail, fully contrasted, without flicker and in every way comparable to the better type home movies. The images are bright and do not require darkening of the room to view, although obviously the contrast is greater when there is less external light to overcome. Aspect ratio of the frame is 4 to 3 providing a picture similar in proportion to the average movie. A five-inch electrostatic deflection type cathode tube produces a picture large enough to be viewed comfortably by the average home group. Overall color of the present tube image is a pleasant shade of green. By the middle of September we expect to offer a tube producing clear black and white images. Reliable range of completed receiver is approximately 30 miles. The kit contains complete set of approved and tested parts, transformers, condensers, chassis and fullest instructions for assembling, wiring and operating complete video receiver having a tuning range of 45 to 52 megacycles.



The video receiver described on this page is for the reception of television signals only. For reception of the accompanying sound program the Garod Model 100-FR high-frequency 7-tube a.c.d.c. receiver is required. This receiver is not in kit form but is completely assembled, factory wired and tested, ready for operation. Frequency range 45 to 60 megacycles. Tubes used are: 1-6K8, 2-6K7's, 1-6K7G, 1-25L6G "beam-power" output tube, 1-25Z6G rectifier and 1-K42B rectifier. Receiver is supplied with a 6-inch high-fidelity speaker, complete in a handsome walnut cabinet. For operation on 110 volts d.c. or a.c. (50/60 cycles).

K22401—Garod Model 100-FR a.c.-d.c. high frequency receiver, complete with tubes. Shpg. wt. 7 lbs. **\$26.25**

YOUR COST **\$32.00**

Cathode Ray Tubes
 K21917—2-Inch \$ 6.40
 K21918—3-Inch \$11.45
 K21919—5-Inch \$34.00

Improved 5-Inch Cathode Ray Tube

The cathode-ray tube used in this kit is the electrostatic deflection type with long-life fluorescent screen having a virtually flat plane viewing surface producing an image with practically no aberration or edge-halation. Sixteen tubes are used in the receiver and power supply as follows: 1-1852 high transconductance r.f. amplifier; 1-6K8 electronic mixer; 3-1852 high transconductance i.f. amplifiers; 1-6H6 demodulator; 1-1852 first video amplifier; 1-6U6G second video amplifier; 1-6H6 synchronizing impulse selection and separation circuit; 2-6L7G sweep amplifiers; 2-6F8G saw-tooth sweep oscillators; 1-5Z3 rectifier and 1-879 high voltage rectifier. Controls have been reduced to ten, including tuning control as follows: (1) cathode ray bias; (2) cathode ray focus; (3 and 4) spot location; (5) low frequency sweeps. (6) high frequency sweep; (7 and 8) synchronizing separator and selector controls; (9) overall gain control; (10) tuning control. Kit includes punched and drilled chassis for video receiver and power supply.

K22400—Garod Television Kit, including all components, less tubes. For 110 volts A.C. Shpg. wt. 43 lbs. **\$49.95**

Complete kit of tubes for above, less cathode ray tube. YOUR COST **\$17.98**

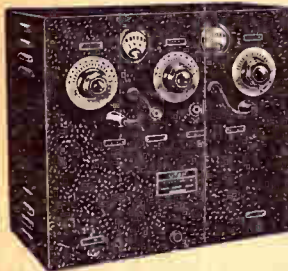
Complete Television Kit, including kit of tubes and 5-inch cathode-ray tube **\$99.95**

NOTE: Receiver will work only in localities where a television broadcast station is in operation.



AMATEUR TRANSMITTER KITS

UTAH Add-A-Unit X'mitter Kits



Kit No. 1—Complete C.W. X'mitter 80 Watts Input
Has new regenerative crystal oscillator for operation on 10, 20, 40, 80 and 160 meters; parallel 6L6 amplifier; self-contained power supply; link-coupled throughout; size 18x16x9 1/2"; uses 1-5Z3, 3-6L6s; requires 1-50 and 1-200 ma. meter. One set coil forms; less tubes, meters and crystal. Wt. 53 lbs. **K21154—**
Your Cost.....\$49.75

Kit No. 2—Makes Up a 50-Watt Modulator
With Kit No. 1 forms a complete phone and c.w. transmitter. High-fidelity class AB fixed bias 6L6 amplifier. Self-contained power supply; size 18x16x9 1/2"; uses 2-6L6G's, 26C5's, 1-6N7, 1-6J7, 1-80, 1-5Z3. Shpg. wt. 60 lbs. **K21155—**
Your Cost.....\$49.75

ANTENNA COUPLING KIT
Matches any tuned feeder antenna system. 18x8x9 1/2". Wt. 17 lbs. **K21156—**
Your Cost.....\$14.95

Now you can own a transmitter with a "kick" in it—at a fraction of the cost of a factory assembled job. Five kits are available—each a complete unit, easily assembled and wired. Start with the 80-watt input c.w. (code) transmitter, illustrated, and add as you go along until you have a complete professional style 400-watt phone and c.w. transmitter. Sensational new circuit operates on 10, 20, 40, 80 and 160 meter bands. Each unit is completely self-contained. Additional units merely plug-in—there is no rewiring. Black crystalline finish. Complete instructions furnished, makes wiring very simple.

Kit No. 4—500-Watt R.F. Amplifier
This unit when added to Kit No. 1, forms a complete 500-watt c.w. transmitter. Employs link coupling; specially designed high Q inductor; complete metering and neutralizing facilities; self-contained power supply; size, 18x16x9 1/2"; uses 2-T56s, 2-866s; meters required, 1-100 ma. and 1-500 ma. Makes a powerful, commercial transmitter. Furnished less tubes and meters. Wt. 85 lbs. **K21157—**
Your Cost.....\$49.75

Kit No. 5—250-Watt Class "B" Modulator
With kit No. 1 and 2, forms a complete 400-watt phone and 500-watt c.w. transmitter. Has self-contained power supply. Uses 2-ZB120 or 2-20Z3 and 2-866 tubes. Meters required 1-100 ma. and 1-500 ma. Provides excellent tone quality. Less tubes and meters. **K21158—** Wt. 85 lbs. **Your Cost.....\$49.75**

UTAH'S Newest 5, 10 and 20 Meter X'mitter Kit



Features:

- ★ Complete Band Switching of Circuits, "Not Coils"
- ★ Dual Independent Amplifier Stages
- ★ Provision for Two Crystals
- ★ 45 Watts Input, CW or Phone
- ★ High-Gain Speech Amplifier—Modulator
- ★ Two Complete Power Supplies with Three Filters
- ★ Steatite Insulation—Air-Wound Coils

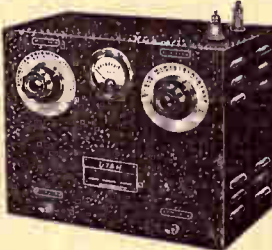
Engineered by Utah, this attractive transmitter can be duplicated by any Amateur. Complete parts available in kit form; including professionally styled chassis, cabinet and modern dial plates. All parts furnished are of the highest grade. Highly efficient circuit provides real power on 5, 10 and 20 meters. No plug-in coils or pruning of condenser capacities to obtain proper LC ratios. Two separate Class C amplifier stages used in conjunction with a special low-resistance switch automatically selects the proper tube sequence. Employs a complete hi-fidelity 35 W. speech amplifier and modulator with provision for both "high" and "low gain" inputs. Dual Power Supply is self-contained. Metering facilities for accurate adjustment. Tubes required: 1-6F6, 2-6L6, 2-6L6G, 2-RK39 or 807, 2-6N7, 1-6J7, 2-866 Jrs, 1-83V, 1-5Z3. Meters required: 1-0-75 MA, 3" square; 1-0-150 MA, 3" square. Crystals required: 1 or 2 40-meter "X" cut. Wt. 82 lbs.

K21163—Complete Kit, less Tubes, Meters and Crystals \$69.75
Your Cost.....

UTAH 25 W. C.W. X'mitter Kit

Really efficient. Uses a 6L6 with 2 crystals to give complete coverage from 10 to 160 meters. Output is 25 w. on fundamental crystal frequency, slightly less on 2nd harmonic. Self-contained power supply, employs 5Z4 rectifier. Cabinet 12x11 1/2 x 7", crackle finish. With full instructions, etc.

K21164—Utah Jr. Kit, less tubes, crystal and meter. Wt. 19 lbs. Your Cost.....\$15.95



G.T.C. "Pee-Wee" X'mitter Kit



FEATURES:

- ★ Complete 25 Watt Crystal Controlled Transmitter Kit
- ★ Built-In Power Supply
- ★ Well Exciter for 100 W. R.F. Final
- ★ Supplied with Meter, Crystal, Tubes, Coil, Etc.

A swell 25 watt C.W. crystal-controlled transmitter, for beginner, amateur, boat installation or wherever a small low-powered rig is desirable. Also, wonderful little exciter stage,—will make a 100 watt RF final really do things. Supplied in complete kit form, ready to assemble and simple to wire; can be completed in one evening. All parts used are nationally known for their excellence. Uses only two tubes, 1-6L6G in crystal oscillator stage and 1-80 rectifier in the self-contained power supply. Supplied with complete instructions and diagrams, plus a Biley 40 meter crystal and requisite coil. Additional plug-in coils permit 10 and 20 meter operation, without changing crystals. Will operate on 80 and 160 meter with appropriate coils and crystals. Dim. of chassis: 11x5x3", attractive smooth-grey finish. **K21165—** Complete with meter, tubes, coil form, etc. **Your Cost.....\$19.95**

THORDARSON



R.F. UNIT

MOD. UNIT

Available in "Foundation Unit" form with complete instructions. Chassis, panels and brackets completely punched. RF unit may be employed with modulator for phone, or by itself for CW. Mod. provides ample power for plate modulation of RF unit. Uses 2-6L6's in class AB₂ in final stage. Both units mount into a cabinet or rack.

K21166—Thordarson RF Foundation Unit; consisting of panel, coil brackets, chassis brackets, instructions, grommets, etc. \$7.00
Your Cost.....

K21167—Complete Thordarson Transformers and Chokes for RF Unit. Your Cost.....\$16.61

K21168—Complete Kit of Miscellaneous Parts for RF unit; such as variable and FIXED conds., chokes, switches, insulators, sockets, etc. But less Tubes, Meters and Crystals. Your Cost.....\$58.33

K21169—Complete Thordarson Transformers and Chokes for Modulator Unit. Your Cost.....\$22.19

K21170—Thordarson Foundation Kit for Mod. Unit. Consists of chassis, brackets, panel, instructions, etc. Your Cost.....\$5.29

K21171—Complete Misc. Kit of balance of parts required; such as resistors, condensers, dial plate, etc.—but less tubes \$15.35 and meter. Your Cost.....

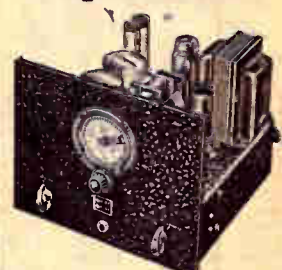
K21192—Cabinet, to house RF and Mod. Units. Each.....\$9.50

100 Watt "Multi-Band" X'mitter Kit

FEATURES

- ★ Bands Switched from Front Panel
- ★ RF Tubes: 6L6G-Cryst. Osc.; 6L6G Buffer-Doubler; TZ-40 Final with Fixed Neutralization
- ★ Mod.: 6J7, 6F5, 6F6 and 2-6L6's
- ★ Band-Switching Optional. Regular Plug-In Coils may be used
- ★ Single Meter Reads All Plate Currents, as well as Grid of Final

Meissner Ham X'mitter "Signal-Shifter"



A variable frequency, electron coupled exciter unit with ganged buffer stages. Permits the ham to change transmitter frequency from operating position. Operates on 10, 20, 40, 80, 160 meter bands. Link-coupled to final stage of low or medium power transmitter or to preceding amplifier in high power rig, eliminating one or more doubler stages. 3-position switch permits automatic built-in relay to cut out transmitter while receiving; to keep transmitter on while checking; or to stand by.

Uses set of 3-plug-in coils for each band. Uses 6F6, 6L6, and an 80 tube. Built-in power supply. **Black crackle finish steel cabinet 11 1/4 x 9 x 11 1/2".**

K21169—Signal-Shifter with 80 meter coils, less tubes. Wt. 15 lbs. Your Cost.....\$39.15

K21110—160 M. Coils \$2.45
K21112—40 M. Coils
K21113—20 M. Coils
K21114—10 M. Coils Per Set (Doubles from 20 M.)



NATIONAL Amateur EQUIPMENT

"TMS" Low Power Units

Aluminum plates; heavy aluminum frames; Insulantite insulation; 1/4" shafts, 1 1/2" long; both 2-hole panel mounting and 2-hole base mounting; adjustable rearbearing; TMS units have .026" air gap, TMSA units, .065"; all screws have lock-washers; overall dimensions: 1 1/2"x2 1/2"x2 1/2". Compact and rigid enough for portable, mobile and aircraft installations. Shpg. wt., each, 3 lbs.

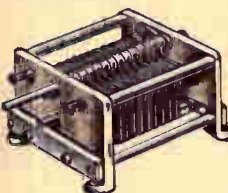


Stock No.	Nat'l No. & Cap. Mfd.	No. of Plates	Peak Volts	Your Cost
K14550	TMS-100	10	1000	\$1.50
K14551	TMS-150	14	1000	1.65
K14552	TMS-250	23	1000	1.80
K14553	TMS-50D*	5-5	1000	2.25
K14554	TMS-100D*	9-9	1000	2.70
K14549	TMS-300	27	1000	2.16
K14555	TMSA-35	8	2000	1.80
K14556	TMSA-50	11	2000	1.95

* Split stator models.

"TMC" Moderate Power Units

For use with RK18, RK20, 800, 830, 203A, 210, etc. Air gap is .077"; buffed plate edges; aluminum plates and heavy aluminum frame; Insulantite insulation; 3-hole panel mounting with bolts and spacers; flanged legs for base mounting; 1/2" shafts, 1 1/2" long; overall size: 3 3/4" wide, 2 1/2" high (except TCN). Have double spring type rotor wiping contacts. **Letter D after type denotes split stator.**



Stock No.	Nat'l No. & Cap. Mfd.	No. of Plates	Peak Volts	Your Cost
K14592	TMC-50	7	3000	\$2.40
K14593	TMC-100	18	3000	2.70
K14594	TMC-150	21	3000	3.15
K14596	TMC-300	39	3000	3.90
K14595	TMC-100D	13-13	3000	4.50
K14261	TCN-25*		6000	2.40

* For neutralizing 203A, 852, 204A, etc.

"TMA" Heavy Duty Units

Plates of heavy aluminum with buffed rounded edges. Insulantite insulation; 4-hole bolt-spacer panel mtg.; 1/2" shafts 1 1/2" long; flanged legs; 4 3/4" wide, 3 1/2" high; type A (last letter) have .171" gap; type B, .265"; type C, .359"; all others, .077". Double spring wiper rotor contacts bolted to frame.



Stock No.	Nat'l No. & Cap. Mfd.	No. of Plates	Peak Volts	Your Cost
K14369	TMA-100B	23	9000	\$8.10
K14328	TMA-50A	8	6000	3.90
K14329	TMA-100A	17	6000	6.00
K14330	TMA-150A	23	6000	7.20
K14332	TMA-50DA*	9-9	6000	6.60
K14333	TMA-100DA*	15-15	6000	10.50
K14544	TMA-150B	35	9000	10.20
K14545	TMA-60DB*	15-15	9000	11.10
K14546	TMA-50C	13	12000	4.80
K14548	TMA-40DC*	11-11	12000	8.10

* Split stator units.

MIDGET RECEIVING CONDENSERS

"ST" type have 180° straight-line-frequency plates; "SE" types have 270° straight-line wave length plates. Insulantite insulation, single hole mounting. 1/4" shafts. Aluminum plates and frames.



Stock No.	Nat'l No.	Cap. Mmfd.	Air Gap Inches	No. of Plates	List Price	Your Cost
K14300	STHS15	15	.018	3	\$1.40	\$0.84
K14299	ST95	35	.026	7	2.00	1.20
K14291	ST50	50	.026	11	1.80	1.80
K14293	ST100	100	.026	20	2.25	1.35
K14295	ST140	140	.026	28	2.50	1.50
K14294	ST150	150	.026	29	2.50	1.50
K14296	STH250	250	.018	32	3.00	1.80
K14303	STD.50	50-50	.026	11-11	3.50	2.10
K14280	SE-50	50	.026	11	3.00	1.80
K14282	SE-100	100	.026	20	3.50	2.10
K14287	SEH355	.895	.018	43	4.25	2.55
K14476	STN-18*	18	.065	7	2.00	1.20

* For neutralizing tubes like 10, 45, 47, etc.; 3000 volts peak.

Interlocking Push Switch



Features low loss, complete reliability and positive contacts. Insulation is R-39. Silver plated contacts are double-pole, double-throw. First designed for the NTE Exciter unit. Tinned lug terminals.

Type ACS-4: Four-Gang, with trigger bar. Shpg. wt. 2 lbs. List \$5.00
K14304—Your Cost Each..... 3.00
Single Section Switch
 Type ACS-1: Single Section, less trigger bar. List \$1.25
K14305—Your Cost..... 75¢

Precision Condensers



For H.F. Circuits And Labs
 Rotors insulated from frame; plate shape is s.l.f. Steatite insulation. Pre-loaded worm gear with 20:1 ratio. Micrometer dial.

Sections	175 Mmfd.	225 Mmfd.	Your Cost
One	K14430	K14575	\$9.00
Two	K14431	K14576	12.00
Three	K14432	K14577	14.40
Four	K14433	K14578	16.50

"NC" NEUTRALIZING CONDENSERS



Type NC-600 (right) is suitable for 6L6's and similar beam tubes. Range from 1/2 to 5 mmfd. Pigtail wire leads. List 45¢

K14252
Your Cost Each..... 27¢
 Type NC-800, 500 and 150 have two plates, micrometer adjustment, Insulantite pillars.
K14253—NC-800. For RCA 800, etc. \$1.80
Your Cost Each..... \$3.90
K14254—NC-150. For 75T, 150T, 800T, 852, etc. Your Cost Each..... \$7.50
K14260—NC-500. For WE218A, etc. Your Cost Each.....



Ultra Midget Condensers

For ultra high frequencies. On Insulantite base 1x2 1/4". Can be mounted in shield can. Shaft extends for ganging. Type UMB25 has 2 stators on single rotor.



No.	Nat. #	Mmfd.	Each
K14336	UM-15	15	50.75
K14337	UM-35	35	.90
K14338	UM-50	50	.96
K14339	UM-75	75	1.02
K14319	UM-100	100	1.14
K14340	UMA25	25*	1.11
K14341	UMB25	25	1.11

*.05" air-gap; all others .017".

Type "N" Precision Dial



Engine divided scale and vernier of solid German silver. Reads to 1/10 of a division. Planetary drive ratio 5:1. Diam. 4". Bakelite knob part of dial assembly.

K14363—Scale 0-100, 180°. Counter-clockwise.
K14364—Clockwise 100-0, 180°.
K14365—Clockwise 150-0, 270°.
K14366—200-0, 360°. Counter clockwise. \$4.05
Your Cost Each.....

Type "B" Vernier Dial



Ratio variable from 6:1 to 20:1. Black Bakelite shell, 4" diam.
K14367—Clockwise, 200-0 in 360°.
K14369—Either direction, 0-100, 180°.

Your Cost Each..... \$1.65
K14352—Dial illuminator..... 30c

Experimenters' Midget Condensers



A low-priced unit for receivers, transmitters and experimental work. Non corrosive brass plates. Bakelite insulation. 1/4" shafts.

Stock No.	Cap. Mmfd.	No. of Plates	Your Cost
K14327*	15	5	51c
K14344*	25	7	51c
K14392*	35	10	60c
K14342	50	6	54c
K14322	100	12	60c
K14343	140	15	75c

*—Dual Spaced

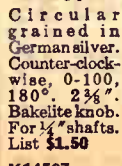
High Voltage Couplings



Insulantite insulated. For 1/4" shafts. Leakage path 3/4" less than overall l'gth.

K14501—TX-1. 1 1/2". Each 60c
K14502—TX-2. 3 1/2". Each. 66c

Type "O" 3 1/2" Dial



Circular grained in German silver. Counter-clockwise, 0-100, 180°, 2 3/4". Bakelite knob. For 1/4" shafts. List \$1.50

K14567—Each..... 90c
K14564—HRO Knob Only..... 51c



HRO Dial And Knob
 Finished in etched nickel silver. 1 1/2" diam. Takes 1/4" shafts. Clockwise, 0-100 in 180°. With black Bakelite knob.
K14568—Your Cost..... 45¢

Flexible Shaft Coupling



Insulantite insulation with a short length of flexible shafting. Will drive shaft at any angle up to 90°. Take 1/4" shafts.

K14530—TX-12. 4 1/2". \$75c
Your Cost.....
K14529—TX-13. 7 1/2". 90c
Your Cost.....
 Without Insulantite insulation.
K14531—TX-11. 4 1/2". 36c
Your Cost.....

Shaft Couplings

Insulantite insulation. Takes 1/4" shafts.
K8470—TX-9 Your Cost..... 66c
 As above, but with canvas Bakelite insulation. TX-10
K8471—Your Cost..... 33c



To Speed Handling of YOUR Order -- Use Our Order Blank



NATIONAL *Amateur* EQUIPMENT

"913" 1" Oscilloscope

Employs the 913 type tube having a 1-in. screen. Power supply, 60 cycle sweep built in. Metal case. Is 4 1/2 x 6 1/2 x 8". Wt. 15 lbs. Furnished less tubes (913, 6X5). List \$18.50. **K21534—CRM**



Your Cost..... \$11.10

TYPE CRO OSCILLOSCOPE

As above, but with 3" screen. Uses 906 and 80 tubes. **K13832—Less tubes \$19.50**

Your Cost..... \$19.50

Screen Grid Coupler

Type S-101

Used to couple the output of a screen grid tube to an audio amplifier tube. Contains a 700 Henry choke, a .01 mfd. condenser and a 1/2 megohm leak. Excellent frequency response.



Wt. 3 lbs. **K14509—Your Cost... \$3.60**

High-Power R.F. Choke

Five honeycomb sections on Insulantite core. 10,000-volt insulation. 0.6 ampere rating, 4 mh. inductance, 10-ohm d.c. resistance, distributed cap. 1 mmd. Type R-152 for 160-m. band, R-154, 40 meters.



K14399—R-152
K14394—R-154
List \$2.25

Your Cost Each..... \$1.35

Insulantite Sockets

Insulantite body in metal ring can be rotated and locked. All but octal mount on ceramic stand-off (furnished).



Two metal pillars with octal type.

No.	Prongs	No.	Prongs
K14534	4	K14537	7 small
K14535	5	K14538	7 large
K14536	6	K14539	8 octal

Your Cost Each, Any Type..... 24¢

Insulantite Sockets

These Insulantite sockets reduce losses to a minimum. Suitable for either standard or sub-panel or baseboard mounting.



No.	Prongs	No.	Prongs
K14425	4	K14439	7 small
K14426	5	K14440	7 large
K14427	6	K14477	8 octal

K14428—Special 6-prong type for National coils.
Your Cost Each..... 36¢

Type JX-100S 803 Sockets

A wafer type Insulantite socket for power pentodes as RK28, 803, etc. **K14522—Your Cost Each..... \$2.16**

Type JX-100; similar to above, but less stand-off insulators. **K14523—Your Cost Each..... \$1.80**



Shell-Type Sockets

Type XM50; glazed ceramic base, metal shell with guide slot. For 50 watt tubes. **K14524—Your Cost Each..... \$1.05**

Type XC60; as above, but all Steatite. **K14492—Your Cost Each..... \$2.10**

Type XM10; for all UX-base tubes. **K14566—Your Cost Each..... 75¢**



Triode Acorn Socket



Type XCA. Of Insulantite. New design; for short leads. New contacts. **K14505—Your Cost..... 90¢**

Pentode Acorn Socket

Type XMA. On square copper base with built in by-pass condensers. List \$2.00. **K14506—Your Cost Each..... \$1.20**



Your Cost Each..... \$1.20

Air-Tuned I.F. Coils

Litz wound coils with air dielectric trimmers having aluminum plates and Insulantite insulation. Aluminum shield between capacitors. Rectangular can 4 1/2 x 2 3/8 x 2".

K14579—175 kc. i.f.
K14580—450-550 kc. i.f.
K14582—450-550 kc. beat oscil.
Your Cost, Any Type..... \$3.00

Low Freq. Oscillator

Two separate inductances, closely coupled, in an aluminum shield. Used for the interruption frequency oscillator. Secondary inductance 6.25 mh. Tunes to 100 kc. with a .00041 mfd. condenser. Type OSK. **K14600—Your Cost..... 90¢**



Universal R.F. Choke

For best performance on 20, 40 and 80-meters. 0.6 amps.; induct. 1 mh.; resistance 6 ohms. Type R154U. **K14326—Your Cost..... \$1.05**



R100 R.F. Choke

For receivers and low-power transmitters. Four sections on Insulantite. With long wire leads. Induct., 2 1/2 mh., d.c. resist., 50 ohms, rating, 125 ma., distributed cap., 1 mmd. **K14429—List 60¢**



Your Cost Each..... 36¢

Buffer Coil Forms



Type XR-13 is 1 1/4 x 3 1/2"; type XR-13A is 1 x 3 1/2". Both types drilled for leads and both fit PB-5 plug. Insulantite. Shpg. wt. 2 lbs. **K14571—UR-13 complete buffer coil assembly..... \$1.50**

Your Cost..... 66¢

K14572—XR-13 coil form

Your Cost..... 36¢

K14569—XR-13A coil form

Your Cost..... 45¢

K14573—Plug only. PB-5

K14574—Base only. XB-5

Your Cost Each, Either Type..... 45¢

Your Cost..... 45¢

K14347—XR-10A coil form only. 26 turns. 2 1/2 x 5".

Your Cost..... 90¢

K14610—PB-15. Plug-in base only. Your Cost Each..... 51¢

K14611—XB-15. Socket only. Your Cost..... \$1.05

K14612—XR14A. Coil form only. (80 meter). 5x5". \$2.10

Your Cost..... \$2.10

Your Cost..... \$2.10

Your Cost..... \$2.10

Your Cost..... \$2.10

Your Cost..... \$2.10

Your Cost..... \$2.10

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Your Cost..... \$2.10

Your Cost..... \$2.10

Exciter Coils and Forms



Unglazed Insulantite form drilled for leads (at left). **K14613—XR-16 coil form 36¢**

K14614—PB-16 plug..... 24¢
K14615—XB-16 socket..... 30¢

AIR SPACED COILS

Victron insulated. Tune with 30 mmd. Fit XB-16 socket.

End Link No.	Band Meters	Center Link No.
K14583	80	K14587
K14584	40	K14588
K14585	20	K14589
K14586	10	K14590

Your Cost Each, Any Above Type..... 90¢

XR Coil Forms

Made of R-39. Excellent power factor. Machinable, permitting drilling and grooving. Excellent for high frequency circuits.



XR-2. No prongs. 1x1 1/2". 21¢

K14448—Each..... 21¢

XR-1. 4 prongs. 1x1 1/2". 30¢

K14424—Each..... 30¢

K14418—XR-4. 4-pr. 1 1/2 x 2 1/4".

K14419—XR-5. 5-pr. 1 1/2 x 2 1/4".

K14420—XR-6. 6-pr. 1 1/2 x 2 1/4".

Your Cost, Any Above Type..... 45¢

Your Cost..... 45¢

Your Cost..... 45¢

Your Cost..... 45¢

Your Cost..... 45¢

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Your Cost..... 45¢

Your Cost..... 45¢

Code Practice Oscillator



Requires 4 cells to supply all voltages to a 30 tube. Ideal as a radio signal source.

code practice oscillator, etc. Type CPO. Shpg. wt. 6 lbs.

K14018—Oscillator less tube and batteries. List \$6.00

Your Cost..... \$3.60

Your Cost..... \$3.60

Your Cost..... \$3.60

Your Cost..... \$3.60

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Your Cost..... \$3.60

Your Cost..... \$3.60

Your Cost..... \$3.60

Your Cost..... \$3.60

Stand-Off Insulators



Insulantite Metal mounted top and bottom. Ideal for r.f. choke cores. Shaped for maximum efficiency.

Stock No.	Type No.	Size—In.	Dia. Ht.	Your Cost
K14479	GS-1	1 1/2 x 1 1/2"		15¢
K14480	GS-2	1 1/2 x 2 1/2"		21¢
K14481	GS-3	1 1/2 x 3 1/2"		54¢
K14482	GS-4	1 1/2 x 4 1/2"		66¢
K14475	GS-4A	1 1/2 x 6"		96¢

Your Cost..... \$3.60

Your Cost..... \$3.60

Your Cost..... \$3.60

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Your Cost..... \$3.60

Your Cost..... \$3.60

Feeder Spreader



Steatite. Conventional in design, unusual in efficiency. 6 1/2" long, 3/4" diameter. Will give 600-ohm surge impedance with No. 12 wire. Type AA-3. **K14498—List 30¢**

Your Cost Each..... 18¢

Your Cost..... 18¢

Your Cost..... 18¢

Your Cost..... 18¢

Your Cost..... 18¢

Your Cost..... 18¢

Your Cost..... 18¢

Your Cost..... 18¢

Your Cost..... 18¢

Your Cost..... 18¢

Stand-Off Insulators



Steatite. Tapped 8/32 at each end, larger 10/32. Make attractive and efficient jobs.

Stock No.	Type	Height	Each
K14493	GS-10	3 1/2"	41¢
K14483	GS-5	1 1/2"	15¢
K14484	GS-6	2"	21¢
K14485	GS-7	3"	45¢

Your Cost..... \$3.60

Your Cost..... \$3.60

Your Cost..... \$3.60

Your Cost..... \$3.60

Your Cost..... \$3.60

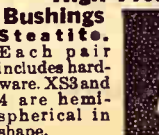
Your Cost..... \$3.60

Your Cost..... \$3.60

Your Cost..... \$3.60

Your Cost..... \$3.60

High Frequency Bushings



Steatite. Each pair includes hardware. XS3 and 4 are hemispherical in shape.

Stock No.	Type	Height	Pair
K14488	XS-1	1 1/4"	\$0.45
K14489	XS-2	1 1/4"	.54
K14490	XS-3	2 1/4"	3.00
K14491	XS-4	2 3/4"	3.90

Your Cost..... \$3.60

Your Cost..... \$3.60

Hallicrafters TRANSMITTER-RECEIVER



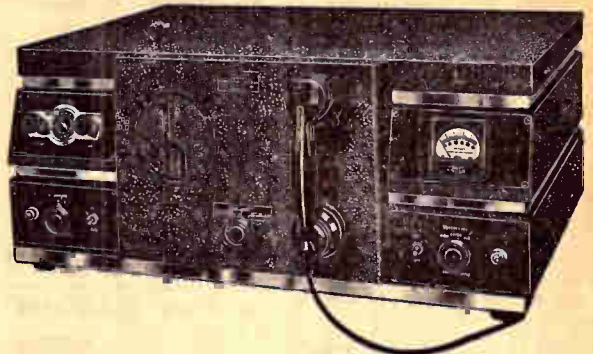
● 2100-2900 Kc. ● Output 50-Watts

The type HT-3 consists of a complete 50-watt radiotelephone transmitter, a sensitive receiver and necessary power units built into a single cabinet and requiring only a 12-volt storage battery and an antenna for operation. When installed, operation is unusually simple.

TRANSMITTER: Carrier output 50-watts; frequency coverage 2100 to 2900 kc., choice of any three frequencies in the Marine band; frequency controlled by a low drift crystal controlled oscillator; tuning adjustments set and locked upon installation. Subsequent choice of frequency by switch on front panel; complete modulation obtained by high level modulator driven directly from carbon microphone; tube complement includes 1-6F6 crystal oscillator, 2-RK-39 class C amplifiers and 4-6L6G modulators. Provision is made for matching an antenna of reasonable length as encountered in Marine service. A relay inside the cabinet switches the antenna from receiver to transmitter when operating.

RECEIVER: Employs 1-6K7 r.f. stage, 1-6L7 first detector, 1-6J5 h.f. oscillator, 1-6K7 i.f. stage, 1-6Q7 second detector—a.v.c.—first audio, 1-6F6 power output tube. Coverage preset to 3 frequencies in Marine band, 2100-2900 kc., frequency selected by same switch that controls transmitter frequency. Output 3 watts normally fed to speaker on front panel, but switched to telephone receiver during operation. Receiver and transmitter filaments supplied directly from 12-volt storage battery. Receiver plate supply furnished by vibrapack operated from 12-volt battery. Transmitter plate power furnished by 450 volt dynamotor.

Telephone headset, loudspeaker and all controls on front panel. One meter provided for checking transmitter operation and for tuning purposes; meter can be switched into the various circuits. Power drain from 12-volt battery: 9.5 amps. for receiver and transmitter filaments during standby, 35 amps. while x'mitting.



Model HT-3 Transmitter-Receiver: In black crackle finished cabinet with chrome bands. Size: 29 3/4" wide, 11 3/4" high, 19 1/4" deep. Complete with telephone handset, tubes, power supplies and complete instructions. **Less crystals.** No storage battery furnished. Shpg. wt. 175 lbs.

K21095—Your Cost..... \$390.00
(3 crystals for marine channel not included in above price. Frequencies to be determined by service and location of purchaser.)

DEAGAN Chimes

For Ham and broadcast stations. Four perfectly pitched notes tuned to a perfect chord that is impossible to play out of tune. Simulates bugle calls, clock tower chimes, etc. Complete with hammer and book of instructions, and 80 easy-to-play selections. 12 1/2 x 8 1/4 x 3". Shpg. wt. 6 lbs.



K14013—Your Cost..... \$4.50

GENERAL Power Packs

Model 1



Ideal for the low power transmitter and for many other applications. Entire unit completely encased in metal housing and provided with binding post terminals. Delivers 500 volts pure d.c. at 150 ma. for up to 4 type 10 tubes or 2-10's and 2-50's. Also delivers 7.5 volts c.t. at 5 amps. for filaments. Heavy duty transformer and filters used. For operation on 115 volts, 50-60 cycles a.c. Requires two type 81 rectifiers. 5x7x12". Shpg. wt. 25 lbs.

K21173—Less rectifier tubes. \$7.75
Your Cost.....

Model J-2

For s.w. receivers. Delivers 250 volts d.c. at 40 ma., tapped at 22 1/2 and 90 volts; 2.5 volts c.t. at 5 amps. for heaters. Chassis 7 1/2 x 4 x 1 1/2". Requires 1 type 80 tube. Shpg. wt. 4 lbs.

Less tube. \$4.95
K21174—Your Cost.....
Same as above, but has filament winding for 6.3 volt tubes c.t. at 2 amps. **\$4.95**
K21175—Less tube, Your Cost.....

RAYTHEON Transmitting Tubes

Eveready-Raytheon, manufacturers of the famous "four-pillar" receiving tubes, make a complete line of tubes designed solely for amateur use. These tubes are highly efficient, permitting maximum power output with minimum input. All have Isolantite bases and are ruggedly constructed to provide long, uninterrupted service. Only the more popular types are listed; others supplied on order.



Type	Purpose	Net
RK-11	Triode. R.F. amp.-Osc	\$2.50
RK-12	Triode. R.F. amp.-Osc	2.50
RK-20A	18-watt r.f. pentode	15.00
RK-25B	R.F. Pentode	3.50
RK-38	225 watt triode	13.50
RK-39	35-watt Beam r.f. tetrode	3.50
RK-48	250-watt Beam r.f. tetrode	27.50
RK-49	25-watt Beam r.f. tetrode	2.10
RK-51	170-watt triode	8.00
RK-52	Triode r.f. amp.-osc.	8.00
RK-56	Tetrode power amp.-osc.	3.00
RK-57	Triode power amp.-osc.	13.50
RK-58	Triode power amp.-osc.	16.00
RK-59	Twin triode pow. amp.-osc.	4.50
RK-60	Twin diode f.w. rectifier	4.00
1851	Hi-Freq. tube for television	2.10

UNIVERSAL Transceiver Sets

Cased in highly polished bakelite, weighs only 15 ounces. Include 6-ft. connector cord.

K14043—Single-button. Output minus 38 db. Your Cost..... \$5.88
K13592—Double-button. Output minus 55 db. Your Cost..... \$8.24

BURGESS Portable Batteries "A", "B", and "C"

Especially well suited for use in portable and mobile equipment where space is limited and where weight must be conserved. Burgess batteries bear a long standing reputation for dependability under all conditions of use. They are unexcelled for quality and performance. All are perfectly sealed and cases are covered by impregnated cartons in the familiar striped pattern. Popular types listed below.



Stock No.	Bur. No.	Volts	Taps at	Type Term.	Dimensions Inches	Stand. Carton	Your Cost Each	Carton Lots Each
Portable "A", Ignition and Test Batteries								
K19853	T2FL	3	None	Leads	3 1/2 x 2 3/8 x 1 1/2	6	32c	29c
K19844	F2BP	3	None	Screw	4 1/2 x 2 3/8 x 1 1/2	6	34c	31c
K19845	2F2H	3	None	Screw	3 1/2 x 2 3/8 x 2 3/8	6	40c	36c
K19858	4FH	1 1/2	None	Screw	4 1/2 x 2 3/8 x 2 3/8	20	29c	26c
K19846	4F2H	3	None	Screw	5 7/8 x 3 3/8 x 2 3/8	15	56c	51c
Portable "B" Batteries—Compact Type								
K19856	W30BP	45	22 1/2	Screw	3 5/8 x 2 3/8 x 1 1/2	6	\$1.66	\$1.49
K19865	Z3ON	45	22 1/2	Screw	4 1/2 x 3 x 1 1/2	6	1.15	1.03
K19861	5308	45	22 1/2	Screw	6 3/8 x 4 1/2 x 2 3/8	6	1.14	1.04
K19848	Z30X	45	22 1/2	Screw	3 3/4 x 3 3/8 x 2 3/8	6	1.50	1.35
Compact "C" Batteries								
K19862	5156	22 1/2	+6, +18, +19 1/2, +22 1/2, -3, -4 1/2, -6, -9, -10 1/2, -16 1/2, -22 1/2	Clip	4 1/2 x 2 3/4 x 2 3/8	4	67c	61c
K19863	4156	22 1/2	None	Screw	3 3/8 x 2 3/8 x 2 3/8	4	56c	51c
K19867	2370	4 1/2	-1 1/2, -3, -4 1/2	Screw	4 x 3 x 1 1/2	10	30c	27c
K19866	5360	4 1/2	None	Screw	2 3/8 x 2 3/8 x 1 1/2	4	31c	28c
K19849	A3BPX	4 1/2	-3, -4 1/2	Screw	2 1/2 x 2 3/8 x 1 1/2	6	25c	22c

RAYTHEON Handbook of Amateur Radio Tubes

65 pages crammed with useful information on amateur tubes.

K19889—Your Cost Per Copy..... \$5.00

AMPEREX X'mitting Tubes

All types listed below fit standard 50-watt sockets.

ZB-120: Triode. 150 watts output in class C. **Net Each..... \$10.00**
HF-100: 170 watts out at 1500 volts. **Net Each..... \$12.50**
HF-200: Hi-freq. 400 watts out up to 20 mc. **Net Each..... \$24.50**
HF-300: Output up to 600 watts. **Net Each..... \$35.00**



Electronic Converter

6 to 300 V.D.C.
For mobile x'mitters. Input 6 volts d.c., output 300 volts at 100 ma. d.c. Rated 80 watts continuous, 40 watts intermittent. Plug-in vibrator, OZ-4 rectifier furnished. Draws 9 amps. at full load. Plated case 8 1/2 x 5 1/2 x 3 1/4". **K14223—Your Cost..... \$14.70**



We Will Not Knowingly Be Undersold

AMATEUR TRANSMITTING TUBES

Taylor Tubes

These popular tubes have proven themselves in many well-known amateur stations throughout the country. Carefully engineered and built of the finest materials these tubes give long and faithful service under the most trying operating conditions.

Type T-20—General purpose triode. 20 watts maximum plate dissipation. **Your Cost \$2.25**

Type TZ-20—Similar to the above but zero bias. For class "B" audio and doublers. **Your Cost \$2.25**

Type T-40—Carbon anode. 40 watts plate dissipation. **Your Cost \$3.50**

Type TZ-40—Same as above but zero bias. **Your Cost \$3.50**

Type T-55—55 watts plate dissipation! For frequencies up to 120 MC! **Your Cost \$7.00**

Type 203Z—300 watts class "B" audio. **Your Cost \$8.00**

Type T125—125 watts plate dissipation. Top plate lead. Side grid lead. **Your Cost \$13.50**

Type 866—Half-wave mercury-vapor rectifier. Inverse peak voltage 7500. 600 ma. current peak. SVEA metal. **Your Cost \$1.50**

Type 866 Jr.—Similar to above but for lighter duty. Up to 250 ma. per pair with choke input. **Your Cost \$1.00**



RCA de Forest TRANSMITTING TUBES

LICENSED FOR HAM USE ONLY

Wholesale Radio Service Company as the largest distributor of RCA tubes carries a complete stock of transmitting and experimental types. If the type you want is not listed please write for quotation. Following are abbreviations used in tabulation below:

R—RF Power Amplifier; **O**—Oscillator; **M**—Modulator; **C**—Class B Modulator; **B**—Beam Power Amplifier; **A**—AF Power Amplifier; **S**—Screen Grid Power Amplifier; **T**—Triode; **P**—Pentode.

Type No.	Watts Diss.	Description	Net Price	Type No.	Watts Diss.	Description	Net Price
203A	100	R, O, C, T	\$15.00	834	50	R, O, T	\$12.50
204A	250	O, R, C, T	97.50	835	100	T, R, O, A, M	18.50
211	100	T, R, O, A, M	15.00	837	12	R, C, R, O	8.50
800	35	T, R, O, C	10.00	838	100	T, C, R, O	16.00
801	20	T, R, A, O, M	3.45	841	15	R, O, A, T	3.25
802	10	P, R	3.50	842	12	A, M, T	3.25
803	125	P, R	34.50	843	15	T, R, O	12.50
804	40	P, R	15.00	844	15	S, R	18.00
805	125	T, R, O, C	13.50	845	75	T, M, R	15.00
806	150	T, R, O, C	22.00	849	400	T, M, A, R, O	15.00
807	25	B	3.50	850	100	S	37.50
808	50	R, T, O, C	7.75	851	750	T, M, A, R, O	350.00
809	25	T, R, O, C	2.50	852	100	T, O, R	16.40
814	50	B	17.50	860	100	S	32.50
830B	60	T, C, R, O	10.00	861	400	S	295.00
831	400	T, O, R	265.00	865	15	S	12.75
833	300	T, R, O	85.00	1602	15	T, R	2.75
1608	20	T, R, O	4.00	1610	6	P, O	2.00

Western Electric



Type 316A—Ultra high frequency oscillator and amplifier. Upper frequency limit 750 megacycles. Approx. 7.5 watts peak output. Max. plate dissipation 80 watts. Filament 450. Filament 2 volts a.c. or d.c. **Your Cost \$10.50**

Type 316A—Net. **Your Cost \$10.50**

Type 304B—Triode. 50 watts plate dissipation. Filament 7.5 volts. **Your Cost \$12.50**

Type 304B—Net. **Your Cost \$12.50**

Type 305A—Tetrode. 60 watts plate dissipation. Freq. limit 100 MC at 500 volts plate. Max. plate volts 1000; amp. fac. 56. **Your Cost \$38.50**

Type 305A—Net. **Your Cost \$38.50**

Type 300A—Triode. For AF. Max. plate dissipation 40 watts, volts 450. Fil. 5 v. **Your Cost \$10.10**

Type 300A—Net. **Your Cost \$10.10**

Type 306A—Suppressor grid pentode. Plate dissipation 15 watts, volts 700. Fil. 2.75 v. **Your Cost \$10.80**

Type 306A—Net. **Your Cost \$10.80**

Type 307A—Suppressor grid pentode. Max. plate volts 500, dissipation 15 watts. Fil. 6.5 v. **Your Cost \$13.65**

Type 307A—Net. **Your Cost \$13.65**

Type 242C—Triode. Max. plate dissipation 100 watts. Freq. limit 80 MC at 600 v. Max. volts 1250. **Your Cost \$15.00**

Type 242C—Net. **Your Cost \$15.00**

GAMMATRON

Type 54—Plate dissipation 50 watts, Max. plate volts 2000; Fil. v. 5; Max. pwr. output 210 watts. Max. freq. at full ratings 100 MC. **Your Cost \$6.75**

Type 54—Net. **Your Cost \$6.75**

Type 254—Plate dissipation 100 watts, Max. plate volts 3000; Fil. v. 5; Max. pwr. output 450 w. Max. freq. at full ratings 50 MC. **Your Cost \$12.50**

Type 254—Each. **Your Cost \$12.50**

Type 354A—Plate dissipation 150 watts; Max. plate v. 4000; Fil. v. 5; Max. power output 630 watts; Max. freq. 30 MC. **Your Cost \$24.50**

Type 354A—Each. **Your Cost \$24.50**

Type 354A—Net. **Your Cost \$24.50**

HYTRON X'mitting Tubes



Hytron tubes are noted for long life. Ceramic bases. All triodes have graphite plates. Priced unusually low. Most popular types are listed below.

Type 6L6-GX—Low loss replacement for 6L6 and 6L6G. **Your Cost \$1.55**

Type 6L6-GX—Net. **Your Cost \$1.55**

Type HY-25—High efficiency triode. Dissipation 25 watts. Filament 7.5 volts. **Your Cost \$1.45**

Type HY-25—Net. **Your Cost \$1.45**

Type HY-40—High efficiency triode. Dissipation 40 watts. **Your Cost \$2.75**

Type HY-40—Net. **Your Cost \$2.75**

Type HY-51A—Triode. Maximum RF output 100 watts. Filament 7.5 volts. **Your Cost \$5.00**

Type HY-51A—Net. **Your Cost \$5.00**

Type HY-51B—Same as above but with 10 v. filament. 100 watts RF. **Your Cost \$5.00**

Type HY-51B—Net. **Your Cost \$5.00**

Type HY-57—Zero bias triode. 6.3 v. filament. Max. RF 55 watts. **Your Cost \$3.50**

Type HY-57—Net. **Your Cost \$3.50**

Type HY-60—Beam tetrode. 6.3 v. filament. 15 watts output. **Your Cost \$2.50**

Type HY-60—Net. **Your Cost \$2.50**

Type HY-61—Beam tetrode. Filament 6.3 volts. Maximum power output 25 watts. **Your Cost \$3.00**

Type HY-61—Net. **Your Cost \$3.00**

Type HY-866 Jr.—H. W. mercury-vapor rectifier. **Your Cost \$1.05**

Type HY-866 Jr.—Net. **Your Cost \$1.05**

HYTRON HY-615



Ultra high frequency Oscillator, R.F. Amplifier, Detector. Plate and grid leads brought out to top of bulb. Standard Octal base. Overall height (from extreme bottom of guide pin to extreme top of caps), 2 1/4". Diameter 1 1/4". Heater volts (a.c. or d.c.) 6.3 v. at 0.15 amp. Plate: 250 v. Grid: 9 v. Average amp. factor: 19. Plate resistance 9500 ohms. Ceramic base. **Your Cost \$2.00**

Type HY-615—Net. **Your Cost \$2.00**

HIGH VOLTAGE HALF WAVE RECTIFIERS

Type	Des.	Fil. Vts.	Net	Type	Des.	Fil. Vts.	Net
217A	Hi-Vac	10	\$20.00	866A	Merc-Vap	2.5	\$4.00
217C	Hi-Vac	10	20.00	872	Merc-Vap	5.0	14.00
836	Hi-Vac	2.5	11.50	872A	Merc-Vap	5.0	16.50
866	Merc-Vap	2.5	1.50				



Type	Screen	Net	Type	Screen	Net
902	2"	\$7.50	908	3"	\$18.00
903	9"	86.00	909	5"	49.00
904	5"	52.50	910	3"	21.25
905	5"	45.00	911	3"	22.50
906	3"	13.50	912	5"	163.40
907	5"	48.75	913	1"	4.00

CATHODE RAY RECTIFIERS AND GAS TRIODES

Type	Description	Net	Type	Description	Net
878	H. W. Hi-Vac Rec.	\$11.00	884	Gas Triode	\$2.00
879	H. W. Hi-Vac Rec.	3.00	885	Gas Triode	2.00

EXPERIMENTAL TELEVISION TUBES

Type	Description	Net
1800	9" Kinescope, Electromagnetic Deflection	\$60.00
1801	5" Kinescope, Electromagnetic Deflection	40.00
1851	Television Amplifier Pentode	2.10

PHOTOTUBES

Type	Description	Vlts.	Net	Type	Description	Vlts.	Net
868	Gas Type	90	\$3.70	920	Twin, Gas	90	\$5.25
917	Vacuum Type	500	4.75	921	Gas, Cartridge	90	2.00
918	Gas, Hi-Sens.	90	4.50	922	Vacuum, Cart.	500	2.00
919	Vacuum Type	500	4.75	923	Gas, Hi-Sens.	90	2.60

MISCELLANEOUS TYPES

Type	Description	Vlts.	Net
840	R.F. Pentode	2.0	\$6.00
864	Amplifier (low microphonic design)	1.1	1.00
954	Detector, Amplifier Pentode (Acorn Type)	6.3	5.00
955	Amplifier, Detector, Oscillator (Acorn Type)	6.3	3.00
956	Super-Control R.F. Amplifier Pentode (Acorn)	6.3	5.00
991	Voltage Regulator (Glow discharge)		.90
1603	Triple-Grid Amplifier (Low Microphonic Type)	6.3	4.75
1609	Amplifier Pentode (Low Microphonic Design)	1.1	1.60
1612	Pentagrid Amplifier (Low Microphonic Design)	6.3	3.25

RCA Transmitting Tube Manual



Most complete collection of transmitting tube information available. 109 pages of tube data, 11 pages of transmitter circuits, 8 pages rectifier and filter circuits, 44 pages of technical dope. A total of 172 pages of valuable information. **K19992—Your Cost \$25.00**

Schools write for quantity discounts.

Clips and Sockets for New Tubes

Acorn Socket—Made of genuine Mycalex, 1 1/4" square for 954 and 955 type tubes. Rugged spring contacts assure tight noiseless connections.



K13171 —Special grid Clip for 1851 tube. Your Cost \$5.00
K13155 —Your Cost \$5.00
K13156 —Complete socket and mount for 922 and 921 tubes. Your Cost \$59.00
K13157 —Cathode Clip for 922 and 921 tubes. Your Cost \$15.00
K13158 —Anode Clip for above. Your Cost \$15.00

PRICES SUBJECT TO CHANGE...WITHOUT NOTICE



Transmitting TRANSFORMERS



Dimensions

Type	L.	W.	H.
PA-1	2 1/2	3	3
PA-2	3 1/16	4 1/2	3
PA-3	3 5/8	4 7/8	4 1/4
PA-4	6	4 1/2	4 3/4



PA
1, 2, 3



PA
4



UTS

Mounting Dimensions

PA-1	1 1/16 x 2 1/16
PA-2	2 1/16 x 3 7/8
PA-3	3 1/16 x 4 5/16
PA-4	3 3/4 x 5 7/8

High Power Plate Transformers

All primaries are for 105, 115, 220, 230 volts, 50/60 cycles a.c. Secondary voltages shown are each side of center. For reduced power secondary voltages can be reduced to half by using 220 volt primary on 110 volts. These transformers may be used on 25 to 43 cycles when 220 volt primary is used on 110 volts.

Stock No.	Type No.	Secondary Volts		D.C. Ma.	Wt. Lbs.	Mtg. or Size	Your Cost
		A.C.	D.C.				
K5873	PA300	625-515	500/400	200	10	PA-3	\$5.88
K5874	PA301	580-530-300	475/425/250	500	16	PA-4	8.23
K5875	PA302	975-750	760/610	325	25	PA-4	10.00
K5876	PA303	1500-1235-400	1250/1000/300	300	32	8x 7 1/2 5 1/2	14.70
K5877	PA304	1500-1235	1250/1000	800	118	14x11 x 9 1/2	38.22
K5878	PA305	2400-1750	2000/1500	300	50	10x 7 1/2 x 5 1/2	20.58
K5879	PA306	2400-1750	2000/1500	500	120	14x11 x 9 1/2	38.22
K5880	PA307	3500-3000-2400	3000/2500/2000	300	110	13x11 x 9 1/2	35.28
K5881	PA308	3500-3000-2400	3000/2500/2000	500	140	15x11 x 9 1/2	49.98
K5882	PA309	3500-3000-2400	3000/2500/2000	1000	210	17x14 x 11 1/2	79.38
K5883	PA310	4600-4050-3500	4000/3500/3000	600	168	15x14 x 11 1/2	61.74

*—In UTS case. Dimensions are Length, Width, Height.

Varimatch Modulation Transformers Match Any Modulator Tube To Any R.F. Load

Here's the answer to your modulation problem—a new line of transformers providing a universal range of load impedances for any modulator combination. The VARIMATCH transformer can never become obsolete. All units carry Class C current and have charts giving impedance combinations.

Stock No.	Type No.	Max.		Typical	Case	Wt. Lbs.	Your Cost
		Audio Watts	Input Class					Mod. Tubes
K5400	VM0	12	25	30, 49, 79, 6A6	PA1	4	\$2.94
K5360	VM1	30	60	6V6, 6B5, 2A3	PA2	6	4.70
K5361	VM2	60	125	801, 6L6, 809	PA3	10	7.35
K5362	VM3	125	250	800, 807, 845	PA4	15	11.75
K5363	VM4	300	600	50-T, 203A	8x8x8"	28	19.10
K5364	VM5	500	1200	805, HF-300	11x11x9"	85	41.16

Varimatch Driver Transformers

Stock No.	Type No.	Primary	Typical		Case	Wt. Lbs.	Your Cost
			Out. Tubes	In. Fuses			
K5351	PA-51AX	Single 6C5, 30, etc.	19, 30, 49, 79	PA1	3	\$3.24	
K5353	PA-53AX	P.P. 45, 59, 2A3, etc.	45, 841, 210	PA2	5	4.40	
K5359	PA-59AX	50, 200, 500 ohm line	805, 838, 203A	PA2	5	4.40	

Filament Transformers

Stock No.	Type No.	Sec. Volts C.T.	Working Amps.	Test Voltage	Wt. Lbs.	Your Cost
K5543	PA34	2 1/2	10	2500	6000	5 \$4.40
K5539	PA120	2 1/2	10	5000	11000	PA2 7 5.23
K5544	PA121	5	22	5000	11000	PA3 8 8.23
K5545	PA122	7.5/6.3	8	1500	4000	PA3 8 6.46
K5547	PA124	10	10	1500	4000	PA3 8 7.06
K5641	PA125	14/12/11	10	1500	4000	PA3 9 8.23
K5548	PA126	14/11/10	10	1500	4000	PA4 15 11.75

Combined Plate and Filament Transformers

All primaries are for 115 volts, 50/60 cycles a.c. Type PA422. High voltage; 435-365-0-365-435 at 125 ma. and 125-0-125 at 25 ma.; fil.; 5V-3A, 5V-2A, 6.3VCT-3A, 2.5VCT-5A. \$5.88

Type PA428. High voltage; 500-0-500 at 250 ma. and 80-0-80 at 100 ma.; fil.; 5V-3A, 5V-2A, 6.3VCT-4A and 6.3VCT-3A/2.5 VCT-3A.* \$8.23

K5885—In PA4 case. Shpg. wt. 15 lbs. Your Cost \$8.82

Type PA429. High voltage; 600-525-0-525-600 at 250 ma.; fil.; 5V-3A, 6.3VCT-3A and 7.5VCT-3A/6.3VCT-3A.* \$8.82

K5886—In PA4 case. Shpg. wt. 16 lbs. Your Cost \$13.23

Type PA431. High voltage 500-400-0-400-500 at 500 ma.; fil.; 5V-6A, 5V-2A, 6.3VCT-5A, 6.3VCT-3A. In UTS case, 00x00x00.* \$13.23

K5887—Shpg. wt. 26 lbs. Your Cost \$13.23

*—Tapped for either voltage.

Tapped Resonant Smoothing Chokes

All have an off-center tap for hum bucking arrangement.

Stock No.	Type No.	Induct. Henrys	M.A. D.C.	D.C. Res. Ohms	Wt. Lbs.	Type Mtg.	Your Cost
K5340	PA100	10-12	150	115	5	PA2	\$2.94
K5341	PA102	10-12	200	110	10	PA3	4.70
K5342	PA104	10-12	250	90	15	PA4	7.06
K5344	PA108	10	500	60	25	PA6	11.75
K5489	PA18	10	1000	60	45	UTS	20.58

Swinging Input Chokes (no taps)

K5345	PA101	5-25	15-150	115	5	PA2	\$2.94
K5346	PA103	5-25	20-200	110	10	PA3	4.70
K5347	PA105	5-30	25-250	90	15	PA4	7.06
K5349	PA109	5-25	75-500	60	25	PA6	11.75
K5488	PA1C	5-25	75-1000	60	45	UTS	20.58

SX-80 80 WATT X'MITTER KIT

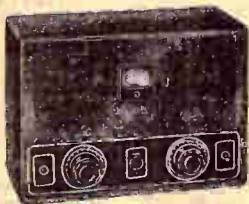


A complete 80 watt C.W. kit of modern design. Operates on all bands through the use of plug-in coils. Keying is accomplished in the oscillator cathode circuit to permit break-in operation. Power supply using choke input filter incorporated on same chassis. Output consists of a link circuit terminated at two isolantite feed-through insulators at rear of chassis, and may be connected to twisted pair feeder or to external coupling system. May be used as a complete 80 watt unit or as an exciter to drive a higher power stage. Uses three 6L6G's and an 83 rectifier. Kit includes the cabinet and all components and accessories, resistors, condensers, sockets, coil forms, etched plate, line cord, etc. Cabinet size: 18" long, 13" wide and 12 1/2" high. Shpg. wt. 80 lbs.

K21161—UTC SX-80 X'mitter Kit, less tubes, meter, xtal. Your Cost \$37.50

UTC TRANSMITTER KITS UTC

SX-25—THE IDEAL 25-WATT KIT



UTC engineers proudly present this splendid low-price transmitter kit as an ideal unit for the beginner and also as a stand-by transmitter for the experienced amateur. The circuit is a straight crystal controlled oscillator of high power output (25 watts CW) and stability. It is constructed with a self-contained power supply and antenna tuning condenser. Keying is accomplished in the cathode circuit, thus permitting break-in operation. Will operate on all amateur bands from 10 meters to 160 meters. Kit is supplied with all components and accessories, such as resistors, condensers, coil form, sockets, etched plate, line cord, etc. Extremely simple to wire and operate. Completely detailed diagram and instructions furnished. Tubes required are one 6L6G oscillator and one 83 rectifier. The cabinet is finished in slate-grey crinkle enamel and is 15 1/2" long, 7 1/2" wide and 10 1/2" high. Large etched plates. Mounts a two-inch 200 MA meter (not furnished). With a good antenna this x'mitter has a range of several thousand miles. For use on 110 volts, 50/60 cycles a.c.

K21160—UTC SX-25 Transmitter Kit, including cabinet, panel, all components and accessories, completely mounted, ready to wire. Less tubes, meter and crystal. Shpg. wt. 22 lbs. Your Cost \$18.00

SX-200 200 WATT X'MITTER KIT



A high power output stage designed to be used in conjunction with the SX-80 (listed at left) to form a complete 300 watt transmitter. May also be supplemented by a 100 watt modulator to become a 200 watt one transmitter. Employs four type 809 tubes in a push-pull parallel circuit, thus effecting high power at moderate plate potentials and permitting operation at lower power by eliminating one pair of tubes if so desired. May be used at a power amplifier stage following any exciter having a 40 watt power output. Operates at all frequencies up to 30 mc. Efficient power supply on same chassis with RF amplifier. Single section input filtering. Requires 4-809's and 2-866A's. Completely mounted, ready to wire. Wt. 88 lbs.

K21162—UTC SX-200 Kit, complete, less tubes and meter. Cabinet size: 18x18x12 1/2" high. Your Cost \$43.50

UTC Special Series AUDIO S UTC

Case Dimensions

Type	Height	Width	Depth
G-1	1 7/8"	2"	1 3/4"
G-2	2 5/16"	2 3/8"	1 15/16"
G-3	2 1/2"	2 3/4"	2 1/8"
G-4	2 15/16"	3 1/8"	2 5/16"
G-5	3 5/8"	3 1/8"	4 9/16"
G-6	4 5/8"	3 3/4"	5 1/2"



Case Dimensions

Type	Height	Width	Depth
G-7	5 3/8"	4 9/16"	5 9/16"
G-8	5 3/8"	5 1/2"	5 1/2"
G-9	6 1/8"	5 5/16"	6 1 3/16"
G-10	6 1/4"	6 3/16"	6 1 1/16"
G-11	7 1/8"	6 9/16"	7 3/8"

Class A Input Transformers

Stock No.	Type No.	Application	Ratio	Case	Shpg. Wt.	Your Cost
K5801	S-1	1 plate* to 1 grid.....	3 1/2:1	G-2	2	\$1.32
K5802	S-2	1 plate* to 2 grids.....	2:1	G-2	2	1.47
K5803	S-3	1 plate* to 1 or 2 grids, compact type.....	{4:1 {2:1}	G-1	2	1.18
K5804	S-4	1 plate* to 2 grids, wide range response.....	1:1	G-3	3	2.06
K5805	S-5	Single or double button mike or line to 1 grid; hum bucking type.....	16:1	G-2	2	1.76
K5806	S-6	Single or double button mike or line to 1 grid, compact type.....	16:1	G-1	2	1.18
K5807	S-7	Single plate* and carbon mike to 1 or 2 grids.....	{8:1 {16:1}	G-2	2	2.06

* Will match tubes like 6C6, 56, 6C6 triode, 77 triode, etc. Can be used with high mu triodes with loss in low frequencies.

Universal Output Transformers To Line and Voice Coil

All secondaries designed to match 2, 8 and 15 ohm voice coils and 500 ohm line. Average shpg. wt., each 6 lbs.

Stock No.	Type No.	Primary Ohms	Power Watts	Case	Your Cost
K5814	S-14	2500, 4000, 7000.....	10	G-2	\$1.91
K5815	S-15	4000, 5000, 10,000.....	12	G-2	2.06
K5816	S-16	3000, 6000-6500, 10,000.....	30	G-4	2.79
K5817	S-17	3300, 3300, 5000.....	55	G-5	3.82

Universal Output Transformers

Designed to match any modulator tubes to any RF load. Secondary will carry d.c.

Stock No.	Type No.	Audio Power Watts	Case	Weight Lbs.	Your Cost
K5818	S-18	12	G-3	3	\$2.06
K5819	S-19	30	G-4	4	2.79
K5820	S-20	55	G-5	5	3.82
K5821	S-21	110	G-7	11	5.88
K5822	S-22	250	G-9	18	8.25

Matching Transformers

Average shipping weight, each 4 lbs.

Stock No.	Type No.	Application	Pri. Ohms	Sec. Ohms	Case	Your Cost
K5811	S-11	Single 66, 6C6 triode, 6C5 or similar tube to line.....	10,000	200, 500	G-2	\$1.76
K5812	S-12	Line to speaker, 15 watts.....	{5000, 2000, 4000}	2, 4, 8, 15	G-2	2.06
K5813	S-13	Line to speaker, 30 watts.....	{5000, 2000, 4000}	2, 4, 8, 15	G-4	2.65

Universal Driver Transformers

Stock No.	Type No.	Application	Case	Wt. Lbs.	Your Cost
K5808	S-8	Single driver plate to push-pull grids.....	G-3	3	\$1.62
K5809	S-9	P.P. Driver plates to grids of class B tubes up to 400 watts output.....	G-3	4	2.21
K5810	S-10	P.P. 56, 6C6 triode, 6C5, or similar plates to 45's, 2A3's, or 6L6's self or fixed bias.....	G-3	3	2.06

Multiple Secondary Filament Windings

Primaries tapped 105, 115 volts, 50/60 cycles a.c. All secondaries center tapped. Shpg. wt., each, 8 lbs.

Stock No.	Type No.	Fil. No. 1 Volts Amps.	Fil. No. 2 Volts Amps.	Fil. No. 3 Volts Amps.	Case	Your Cost
K5864	S-64	2.5 5	2.5 5	5 6	G-5	\$2.35
K5865	S-65	2.5 5	5 4	6.8 3	G-5	2.35
K5866	S-66	2.5 10	7.5 6.5		G-5	2.35
K5867	S-67	5 6	6.3 5		G-5	2.65
K5868	S-68	5 3	6.3 4	7.5 5	G-5	2.65
K5869	S-69	6.3 3	7.5 6.5		G-5	2.65
K5870	S-70	6.3 5	6.3 5		G-5	2.65
K5871	S-71	2.5 6	2.5 6	2.5 12	G-7	4.41
K5872	S-72	5 3	5 3	5 6	G-5	2.94

All 3000 volt insulation except S-71 (10,000 v) and S-72 (5000 v).

Filter, Swinging and Audio Chokes

Stock No.	Type No.	Service	Induct. Hy.	Curr. Ma.	Res. Ohms	Case	Your Cost
K5823	*S-23	Audio	500	5	6000	G-2	\$1.32
K5824	*S-24	P.P. Choke	500 c.t.	8	4000	G-2	1.47
K5825	*S-25	Filter	30	30	900	G-2	1.18
K5826	*S-26	Filter	15	60	230	G-2	1.18
K5827	*S-27	Filter	30	75	350	G-4	1.62
K5828	*S-28	Filter	20	100	350	G-4	1.62
K5829	*S-29	Filter	10	175	95	G-4	1.62
K5830	*S-30	Swing.	5/25	175	95	G-4	1.62
K5831	†S-31	Filter	20	225	120	G-5	2.06
K5832	†S-32	Swing.	5/25	225	120	G-5	2.06
K5833	†S-33	Filter	20	300	90	G-7	2.94
K5834	†S-34	Swing.	5/25	300	90	G-7	2.94
K5835	‡S-35	Filter	20	400	85	G-8	3.82
K5836	‡S-36	Swing.	5/25	400	85	G-8	3.82
K5837	‡S-37	Filter	20	550	60	G-9	5.29
K5838	‡S-38	Swing.	5/25	550	60	G-9	5.29

* Shpg. wt. 4 lbs. † Shpg. wt. 6 lbs. ‡ Shpg. wt. 9 lbs.

Plate Transformers

All primaries for 115 volts, 50/60 cycles a.c.

Stock No.	Type No.	High Voltage	D.C. Ma.	Case	Wt. Lbs.	Your Cost
K5844	S-44	575-525-0-525-575.....	500	G-9	19	\$5.59
K5845	S-45	900-750-0-750-900.....	200	G-8	11	3.82
K5846	S-46	1000-750-0-750-1000.....	300	G-9	19	5.59
K5847	S-47	1500-1250-1000-0-1000-1250-1500.....	300	G-10	25	7.06
K5848	S-48	1500-1250-1000-0-1000-1250-1500.....	500	G-11	29	11.46
K5849	S-49	2100-1800-1500-0-1500-1800-2100.....	300	G-11	29	10.58
K5850	S-50	3000-2500-0-2500-3000.....	300	G-11	32	12.64

Plate and Filament Transformers

All primaries for 115 volts, 50/60 cycles a.c.

High volt. 490-400-0-400-490 at 175 ma.; 5 v. at 8 a. (rect.); 2.5 v. c.t. at 6 a.; 6.3 v. c.t. at 4 a. G-6. Wt. 8 lbs.						
K5839	S-39	Your Cost				\$3.23
High volt. 525-425-0-425-525 at 250 ma.; 5 v. at 8 a. (rect.); 6.3 v. c.t. at 8 a.; 6.3 v. c.t. at 3 a. G-7. Wt. 11 lbs.						
K5840	S-40	Your Cost				\$3.53
High volt. 600-0-600 at 200 ma.; 5 v. at 8 a. (rect.); 7.5 v. tapped at 6.3 v. at 8 a.; 6.3 v. c.t. at 2 a. G-7. Wt. 11 lbs.						
K5841	S-41	Your Cost				\$3.53
High volt. 600-525-0-525-600 at 300 ma.; 5 v. at 8 a. (rect.); 7.5 v. tapped at 6.3 v. at 3 a.; 6.3 v. c.t. at 3 a. G-8. Wt. 14 lbs.						
K5842	S-42	Your Cost				\$5.00
High volt. 525-0-525 at 450 ma.; 40-0-40 at 200 ma.; 5 v. at 8 a. (rect.); 5 v. at 6 a. (rect.); 6.3 v. c.t. at 2 a.; 6.3 v. c.t. at 5 a. G-9. Wt. 19 lbs.						
K5843	S-43	Your Cost				\$7.08

Single Secondary Filament Transformers

Primaries tapped 105, 115 volts, 50/60 cycles a.c.

Stock No.	Type No.	Volts	Secondary Amps	Insulation	Case	Wt. Lbs.	Your Cost
K5853	S-53	2.5 c.t.	10	1500 v.	G-8	3	\$1.32
K5854	S-54	5 c.t.	4	2500 v.	G-8	3	1.32
K5855	S-55	6.3 c.t.	3	1500 v.	G-8	3	1.32
K5856	S-56	7.5 c.t.	3	1500 v.	G-8	3	1.32
K5857	S-57	2.5 c.t.	10	10000 v.	G-5	5	1.76
K5858	S-58	2.5 c.t.	20	10000 v.	G-5	5	2.35
K5859	S-59	5 to 5.25 c.t.	18	5000 v.	G-5	5	2.06
K5860	S-60	5 to 5.25 c.t.	22	10000 v.	G-7	11	4.41
K5861	S-61	7.5 tapped, 6.3 c.t.	8	3000 v.	G-5	5	2.06
K5862	S-62	10 c.t.	10	5000 v.	G-5	5	2.35
K5863	S-63	14 v. c.t. tapped at 12 v. c.t., 11 v. c.t.	10	5000 v.	G-7	5	4.81

THORDARSON Transmitting Transformers



Type 2K, 2J



Type 2N



Type 2B



Type 2G

PLATE TRANSFORMERS

All primaries 115 v., 50-60 cycles A.C. Specified Sec. A.C. voltage is at transformer terminals either side of c.t.; dual Sec. A.C. listings indicate tapped secondary. D.C. voltage out of 2-section filter (choke input) approx. 20% less than A.C. rating. All have electrostatic shields between pri. and sec.

Stock No.	Thord. No.	Sec. A.C.	D.C. Ma.	Mtg. Type	Size, Inches H. W. D.	Wt. Lbs.	Your Cost
K642	*T19P55	660 550	250	2G	3 7/8 x 3 1/2 x 4 1/8	8	\$4.41
K643	†T19P56	900 800	225	2G	3 7/8 x 4 x 4 1/8	9	4.70
K644	T19P57	1260 750	125	2G	3 7/8 x 4 1/4 x 4 1/8	9 1/2	5.88
K645	T19P59	1560 1250	300	2K	5 7/8 x 7 x 7	26 1/2	9.40
K646	T19P60	1875 1560	300	2K	6 3/4 x 4 1/2 x 7	29	10.88
K647	T19P61	2125 1875	300	2K	6 3/4 x 4 1/2 x 7	31	11.76
K648	T19P63	1560 1265	500	2K	6 3/4 x 5 1/4 x 7	36	13.52
K649	T19P67	2450 2125	500	2K	6 3/4 x 4 3/4 x 10	56	24.99

*—Indicates bias tap at 25 volts.

†—Indicates transformer designed for double rectifiers and will deliver both secondary ratings simultaneously.



Type 2E



Type 4D

FILAMENT TRANSFORMERS

All primaries 115 volts, 50/60 cycles A.C., except those marked (*) which have primary taps of 105, 110, 115 volts. All secondaries center-tapped unless indicated by (†).

Stock No.	Thord. No.	Windings Volts Amps.	Insul. Volts	Mtg. Type	Size, Inches D. W. H.	Your Cost
K517	T50F61	2.5 3.5	1600	2B	2 x 1 1/2 x 2 3/8	\$0.88
K304	T19F88	2.5 5.25	2000	3C	2 x 2 x 2 3/8	1.03
K305	T19F89	2.5 10	2000	3C	2 1/2 x 2 x 3	1.32
K306	T19F90	2.5 10	7500	3C	2 1/2 x 2 1/2 x 3 1/4	1.76
K450	T64F38*	2.5 10	7500	2N	3 3/4 x 3 3/8 x 4	2.64
K307	T19F91	5.25 4	2000	3C	2 1/2 x 2 1/2 x 3 1/4	1.32
K309	T19F92	5.25 13	2000	3C	3 3/8 x 2 1/2 x 4	1.91
K467	T74F23*	5.25 13	1600	2D	3 1/2 x 3 3/8 x 4	2.94
K468	T74F24*	5.25 21	1600	2D	3 1/2 x 3 3/8 x 4 1/2	4.12
K311	T19F97	6.3 3	2000	3C	2 x 2 x 2 3/8	1.18
K303	T61F85†	6.3, 2.5	1600	2E	2 5/8 x 2 x 2 1/4	1.18
K373	T73F60*	6.3 5	1600	2D	3 x 2 1/2 x 3 3/4	2.20
K312	T19F98	6.3 6	2000	3C	2 1/2 x 2 1/2 x 3 1/4	1.62
K313	T19F99	6.3 10	2000	3C	3 3/4 x 2 1/2 x 4	2.06
K314	T19F93	7.5 4	2000	3C	2 1/2 x 2 1/2 x 3 1/4	1.32
K315	T19F94	7.5 8	2000	3C	3 x 2 1/2 x 3 3/4	1.76
K374	T92F20	7.5 8	1600	2D	3 5/8 x 3 3/8 x 4	2.79
K442	T64F14*	10 8	1600	2D	3 5/8 x 3 3/8 x 4	2.79
K509	T79F84	2.5 3.5				
		5 3				
		6.3 3	1600	2G	3 3/8 x 3 1/4 x 4 5/8	2.79



Type 3B, 2B



Type 3C

INPUT (SWINGING) CHOKES

For use in choke input filters. Two values of inductance are given, high for zero current, low for full rated load.

Stock No.	Thord. No.	Inductance Henries	Load Ma.	Resis. Ohms	Insul. Volts	Mtg. Type	Your Cost
K634	T19C35	5-20	200	130	3000	2D	\$2.79
K635	T19C36	5-20	300	105	3000	2D	3.82
K636	T19C37	5-20	400	90	4000	2J	5.29
K637	T19C38	5-20	500	75	4000	2J	6.76

SMOOTHING CHOKES

Stock No.	Thord. No.	Inductance Henries	Load Ma.	Resis. Ohms	Insul. Volts	Mtg. Type	Your Cost
K638	T19C42	12	200	130	3000	2D	\$2.79
K639	T19C43	12	300	105	3000	2D	3.82
K640	T19C44	12	400	90	4000	2J	5.29
K641	T19C45	12	500	75	4000	2J	6.76

UNIVERSAL DRIVER TRANSFORMERS

These transformers are just the thing for Amateurs and Public Address Engineers who are constantly improving and revising their amplifier-modulator units. Each contains 5 usable ratios. All are Type 4D Mtg., have a capacity of 15 watts and the maximum Primary current per side, for each, is 60 ma. Dim.: 2 1/4" W.; 3 3/4" D.; 3 1/2" H. Shpg. wt. 4 1/2 lbs. each.

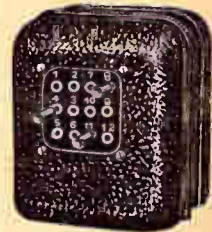
Stock No.	Thord. No.	Ratio Primary to Secondary	Your Cost
K627	T19D01	1:1, 1.2:1, 1.4:1, 1.6:1, 1.8:1	\$3.53
K628	T19D02	2:1, 2.2:1, 2.4:1, 2.6:1, 2.8:1	
K629	T19D03	3:1, 3.2:1, 3.4:1, 3.6:1, 3.8:1	
K630	T19D04	4:1, 4.5:1, 5:1, 5.5:1, 6:1	

TRANSCIEVER AUDIOS

Stock No.	Type No.	Mtg. No.	Description	Dimen. In.	Cost
K363	T7258	2B	Output, single pent. (47, 42, etc.), to lower high imp. phones; Single button (200 ohms) mike and audio	2x1 1/2 x 1 1/2"	\$0.97
K377	T7259	2B		2x1 1/2 x 1 1/2"	.97

C H T "MULTI-MATCH" MODULATION TRANSFORMERS

Features plug-in terminals for input and output, complete variable matching for any tube to any plate load. Will take plate-to-plate primary impedance from 2000 to 16000 ohms and offer an extremely wide range of secondary matches. Variation in primary and secondary is obtained with 3 plug-in jacks which are furnished with each transformer.



- K367—T11M74. 40 watts. Maximum ma. d.c. per side, primary—(series) 100; secondary—(series) 80, (parallel) 160. 4x4 1/2 x 4 1/2" High. Shpg. wt. 7 3/4 lbs. **\$5.29**
- List \$9.00. Your Cost.....
- K372—T11M75. 75 watts. Maximum ma. d.c. per side, primary—(series) 145; 2 secondary—(series) 145, (parallel) 90. Dimen.: 4 1/2 x 5 x 4 1/2" high. Shpg. wt. 10 lbs. **\$7.35**
- List \$12.50. Your Cost.....
- K371—T11M76. 125 watts. Maximum ma. d.c. per side, primary—(series) 210; secondary—(series) 160, (parallel) 320. Dimen.: 5 1/2 x 5 1/2 x 6" high. Shpg. wt. 28 lbs. List \$19.50. **\$11.46**
- Your Cost.....
- K370—T11M77. 300 watts. Maximum ma. d.c. per side, primary—(series) 250; secondary—(series) 250, (parallel) 500. Dimen.: 6 3/4 x 6 3/4 x 7 1/2" high. Shpg. wt. 50 lbs. List \$30.00. **\$17.64**
- Your Cost.....

Universal Modulation Transformers

Just the thing for Amateurs and Experimenters. The tapped coils used in this series are designed to give a wide range of applications. All use Type 2N Mounting.

Stock No.	Thord. No.	Cap. Watts	Pr. Ma. Per Side	Secondary Series	Ma. Par.	Wt. Lbs.	Your Cost
K631	T19M14	30	75	75	150	4 1/2	\$4.12
K632	T19M15	60	125	125	250	6 1/2	5.88
K633	T19M16	100	175	175	350	12 1/2	8.82

Truest XMITTING TRANSFORMERS and CHOKES

The TRUTEST transformers and choke coils listed on this page cover practically all the popular types used in amateur stations. In the event that you should require a unit not listed here, we will be glad to quote you low wholesale prices on specifications submitted by you.



Type D Mounting—Fully shielded. Can be mounted so as to have the terminals above or below chassis.



Type E Mounting—Open type. Has terminal strip on Bakelite.



Type F Mounting—Fully shielded. With nut and bolt terminals.



Type G Mounting—Fully shielded.

PLATE TRANSFORMERS

All primaries for 115 volts, 50/60 cycles, a.c. Where voltage is specified (ct.) divide by two to obtain voltage each side.

Stock No.	Mount. Type	Load Ma.	Volts Plate and Fil.	Size Inches	Your Cost
K1517	G	150	(800 ct.; 2½ v. ct.-5 a.; 2½ v. ct.-12 a.; 5 v.-3 a.)	4½x3¾x4½	\$3.25
K5539	G	200	1000 ct.; 2½ v. ct.-14 a.; 5 v.-3 a.)	4½x3¾x4½	4.00
K1516	C	175	(1160 ct.; 2½ v. ct.-10 a.; 2½ v. ct.-3 a.; 5 v.-3 a.)	4½x3¾x4½	3.75
K5540	G	200	1200 ct.; 2½ v. ct.-10 a.; 7½ v. ct.-3 a.; 5 v.-3 a.)	5½x3¾x4½	4.95
K5521	G	150	800-0-800	5½x3¾x4½	3.75
K2551	G	200	625-515-0-515-625	4 x 4 x 4½	3.95
K5522	G	250	800-0-800	6½x3¾x4½	5.50
K5523	H	350	900-750-0-750-900	6 x 4½x3¾	7.95
K5524	H	500	1400-1250-0-1250-1400	7¾x7¾x7¾	15.50
K1512	E	300	1000-800-0-800-1000	4½x5¾x4	5.85
K1513	E	200	750-0-750	4½x5¾x4	2.75
K5527	H	200	1400-1250-0-1250-1400	7 x 5½x5½	10.00

FILAMENT TRANSFORMERS

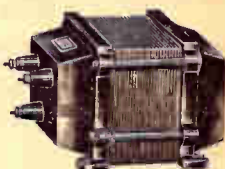
Stock No.	Mount. Type	Windings Volts and Amps.	Insula. Volts	Size Inches	Your Cost
K2542	B	2½ v. ct. 10 a.	10,000	4½x4½x3¾	\$3.40
K2544	B	7½ v. 5 amps.	5,000	4½x4½x3¾	3.25
K2545	B	7½ v. 5 amps.	5,000	4½x4½x3¾	3.40
K2546	B	10 v. ct. 8 a.	5,000	4½x4½x3¾	3.40
K2547	E	10 v. ct. 6½ a.	2,500	3¾x2¾x3¾	1.75
K2549	E	2½ v. ct. 5 a. (2) 5 v. ct. 3 a.	2,500	3¾x2¾x3¾	1.75
K2031	E	2½ v. 5 a.; 5 v. 3 a.; 7½ v. 3 a.	2,500	3¾x2¾x3¾	1.75
K2032	E	2½ v. 5 a.; 7½ v. 3 a.; 7½ v. 3 a.	2,500	3¾x2¾x3¾	1.75
K2033	E	3 secondaries, 7½ v. at 3 a.	2,500	3¾x2¾x3¾	1.75
K2034	E	7½ v. 3 a. (2) 5 v. 3 a.	2,500	3¾x2¾x3¾	1.75
K5508	E	2½ v. ct. 20 a.	2,500	3¾x2¾x3¾	1.50
K5509	E	7½ v. ct. 6½ a.	2,500	3¾x2¾x3¾	1.75
K5511	E	6.3 v. ct. 5 a.; 5 v. ct. 6 a.	2,500	3¾x2¾x3¾	2.00
K5512	E	2½ v. ct. 12 a.	5,000	3¾x2¾x3¾	1.75
K5513	E	5 v. ct. 3 a. (2) 5 v. ct. 6 a.	2,500	3¾x2¾x3¾	1.75

SMOOTHING AND SWINGING CHOKES

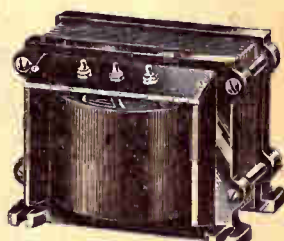
Stock No.	Mount. Type	Induc. Hen.	Ma.	Resis. Ohms	Dimensions Inches	Your Cost
K5518*	F†	5/25	200	140	4½x8¾x4½	\$ 2.35
K5519*	G**	5/25	300	105	4½x8¾x4½	3.75
K5520*	G**	5/25	500	70	6½x8¾x4½	5.95
K2535*	B†	5/25	750	40	12 x 7½x5½	11.25
K1514	E	12	300	100	4½x8¾x4	2.95
K5515	F†	12	200	140	4½x8¾x4½	2.50
K5516	G**	12	300	105	4½x8¾x4½	3.75
K5517	G**	12	500	70	6½x8¾x4½	5.95
K2536	D†	15	150	110	4½x8¾x4½	2.40
K2537	D**	15	250	100	5 x 3¾x4¾	3.75
K2538	D**	30	150	180	5 x 3¾x4¾	3.75
K2539	B**	30	250	100	5½x6¾x4¾	6.75

* Indicates swinging types — others are smoothing chokes. † Breakdown voltage, 1000. ** 2000 volts. ‡ 3000 volts.

All TRUTEST components are fully guaranteed under RMA standards and are individually tested and constructed to conform with the highest standards of the industry. Design and materials are such as to withstand unusually severe service over long periods.



Type A Mounting—Totally enclosed. Massive die-cast frame with metal end covers. Terminals are of the ceramic stand-off type.



Type B Mounting—Open type with Bakelite terminal plate and heavy die-cast frame. Slotted legs.



Type C Mounting—Flush mounting type in combination models only.



Type D Mounting—Similar to Type H, but equipped with ceramic stand-off insulators.

UTC VARIPOWER Autoformers



Designed to permit variation of the line voltage from zero to 130 volts in 5 volt steps. Excellent for connection between fluctuating power line and electrical apparatus requiring a constant voltage input. Also, can be used for reducing or increasing voltages on filament transformers, receivers, transmitters, etc.—where a slight reduction in operating voltage results in a material increase in the life or operating characteristics of the tubes and other components. Varipower units permit control of filament voltage at the tube socket to within 2½% of desired value, simultaneously with line voltage control and plate voltage control. Units are tapped at 25, 55, 75, 95, 100, 115, 120, 125 and 130 volts. Servicemen and Public Address Engineers will find this item extremely valuable for de-luxe installations. Will spare the receiver or amplifier from dangerous surges due to line voltage fluctuations.

Stock No.	Type	Watts Output	Dimensions Inches	Wt. Lbs.	Your Cost
K5766	VA-1	150	4½x3¾x3¾	6	\$3.53
K5767	VA-2	250	4½x4½x3¾	9	4.41
K5768	VA-3	500	5½x4½x4	11	5.88
K5769	VA-4	1,000	5½x6 x4	19	8.82
K5770	VA-5	2,000	7 x 6 x 5½	25	11.76

Lafayette Transceiver Audios



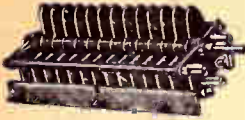
Housed in welded metal cases with leads taken from side to permit flat mounting. Each unit is offered in two sizes: the larger size provides extended frequency range and heavier windings. Large units measure 2¾" wide, 2" high, 1¾" deep. Small units, for use where extremely wide range response is not required, measure 2x1¾x1½". Large choke is 3½x2½x2½" and is designed to match into an r.f. load. Shpg. wt. each 3 lbs.

K5646—Large input. Matches 30 tube plate to 19 grids.	Your Cost.....	\$1.48
K5647—Small input. Matches 30 tube plate to 19 grids.	Your Cost.....	\$1.25
K5648—Large transformer, matches microphone plate to 30 grids.	Your Cost.....	\$1.48
K5649—Small size; microphone plate to 30 grids.	Your Cost.....	\$1.25
K5650—Large size; 19 plates to 3000 ohm load.	Your Cost.....	\$1.48
K5651—Small size; 19 plates to 3000 ohm load.	Your Cost.....	\$1.25
K5652—Large size; interstage 1 plate to 1 grid.	Your Cost.....	\$1.35
K5653—Large size; output audio matching choke.	Your Cost.....	\$1.48
K5654—Small size; output audio matching choke. Unshielded.	Your Cost.....	49¢

We Will Not Knowingly Be Undersold

CARDWELL CONDENSERS

TYPE X TRANSMITTING CONDENSERS



A standard for years. Heavy aluminum rounded plates; frames and connecting rods of nickle plated brass; rotor bearing of ball and thrust type; phosphor bronze rotor contact; nickle plated brass bushings; steel shaft supports the rotor plates and spacers. Insulation on all units listed is Mycalex. Frame measures 2 1/2" x 4".

Only popular types are listed below; write for any Cardwell condenser not listed here; we can supply any Cardwell unit.

Stock No.	Card. No.	Cap. Mmfd. Min.—Max.	No. of Plates	Airgap Inch	Depth Inches	Your Cost
K8603	XT220PS	20—220	21	.070	4	\$2.70
K8604	XT440PS	40—440	43	.070	5 1/2	4.62
K8641	XP90KS	18—90	11	.084	4	2.70
K8642	XP165KS	22—165	19	.084	4	3.90
K8611	XG25KS	8—25	5	.171	8	2.10
K8627	XG50KS	14.5—50	11	.171	4	3.90
K8609	XG110KS	26—110	23	.171	6 1/2	5.82
K8596	XC18XS	8.5—19	5	.200	2 1/2	3.30
K8643	XC65XS	20—65	17	.200	6 1/2	5.70
K8644	XC100XS	28—100	25	.200	7 3/8	6.90

DOUBLE STATOR CONDENSERS

Capacitances and number of plates are given per section.

Stock No.	Card. No.	Cap. Mmfd. Min.—Max.	No. of Plates	Airgap Inch	Depth Inches	Your Cost
K8615	XR600PD	18—500	21	.080	4	\$3.90
K8616	XR80PD	11—80	9	.070	4	3.30
K8617	XT210PD	22—210	21	.070	5 1/2	5.22
K8618	XG50KD	14—50	11	.171	6 1/2	6.42
K8610	XG110KD	27—110	23	.171	11 1/2	10.80
K8595	XD160XD	28—160	27	.125	11 1/2	11.40
K8647	XP90KD	15—95	11	.084	4 1/2	4.50
K8648	XP165KD	23—165	19	.084	6 1/2	6.60

Airgap-voltage relation in above units is as follows: .070"—3000 volts; .084"—4250 volts; .100"—4800 volts; .171"—6000 volts; .200"—7000 volts. All ratings are breakdown.

Ultra H. F. Dual X'mitting Condensers



Designed for 5 and 10 meter transmitters and diathermy machines. No frame with closed loops to absorb energy or create parasitics. Capacity 35 mmdf.; 9 plates; .084" air gap; Isolantite insulation.

K8651—NP-35-ND. Buffed Plates... \$3.60
K8594—NP-35-DD. Unbuffed Plates... \$3.20

Rotor Locking Device

Holds the rotor in a fixed position. Used where adjustment from front panel is not required, or shock-proof operation is desired.
K8592—Your Cost Each... **35¢**



Trim-Air Midgets



Sturdy midget construction. Ideal for portable gear. Isolantite insulation. Singles have removable shaft; 1 1/4" wide, 1 1/2" high. Duals have solid shaft, extends 1/4" at rear for ganging. Double end plates and bearings. 1 1/2" x 1 1/2".



Single

Dual

Stock No.	Card No.	Mmfd. Max.	Gap In.	Your Cost	Stock No.	Card. No.	Mmfd. Max.	Gap In.	Your Cost
K8652	ZR10AS	10	.031	\$0.75	K8744	ER10AD	10	.030	\$1.56
K8631	ZR15AS	15	.031	.75	K8745	ER15AD	15	.030	1.56
K8632	ZR25AS	25	.031	.84	K8746	ER25AD	25	.030	1.62
K8633	ZR35AS	35	.031	.90	K8747	ER35AD	35	.030	1.74
K8634	ZR50AS	50	.031	.96	K8748	ER50AD	50	.030	1.86
K8635	ZU75AS	75	.020	1.02	K8749	EU75AD	75	.020	1.98
K8636	ZU100AS	100	.020	1.05	K8750	EU100AD	100	.020	2.04
K8637	ZU140AS	140	.020	1.89	K8751	EU140AD	140	.020	3.60
K8630	ZT30AS	30	.070	1.11	K8752	ET30AD	30	.070	2.16
K8599	ZV75S*	5	.061	.75	K8753	ET30ADI*	30	.070	2.46

*—With two-segment stator for 5 — Isolantite coupling between sections. Capacities given are per section.

- K8638—Mounting bracket with screws and nuts..... 6c
- K8639—Ganging shaft with setting nut..... 4c
- K8640—Pair of mounting posts with screws, lockwashers..... 8c

Midway X'mitting and Receiving Units

Single Midways

Double Midways



Mycalex insulation; overall mounting space, 3x2 1/2", 1" steel shaft, 1" long. With mounting brackets.

Similar to singles described at left, but with double stators. For low and medium power p.p. stages where space and ruggedness are factors.



Stock No.	Cap. Mmfd.	Mfrs. Type	Gap In.	Your Cost	Stock No.	Cap. Mmfd.	Mfrs. Type	Gap In.	Your Cost
K8564	50	MR60BS	.031	\$1.68	K8584	50	MR50BD	.031	\$1.62
K8565	70	MR70BS	.031	1.77	K8547	70	MR70BD	.031	2.94
K8566	105	MR105BS	.031	1.83	K8548	100	MR100BD	.031	3.06
K8567	150	MR150BS	.031	1.89	K8549	150	MR150BD	.031	3.18
K8568	260	MR260BS	.031	1.98	K8585	260	MR260BD	.031	3.30
K8569	365	MR365BS	.031	2.28	K8620	35	MT35GD	.070	3.60
K8554	165	MO165BS	.050	1.98	K8621	50	MT50GD	.070	3.81
K8550	20	MT20GS	.070	1.95	K8628	70	MT70GD	.070	4.20
K8551	35	MT35GS	.070	2.10	K8629	100	MT100GD	.070	4.80
K8552	50	MT50GS	.070	2.34					
K8553	70	MT70GS	.070	2.67					
K8554	100	MT100GS	.070	2.94					
K8555	150	MT150GS	.070	3.60					
K8614	35	MG35GS	.171	3.60					

NOTE—The maximum capacitances given above are per section.

Thrust Midget Condensers



Non-corrosive aluminum plates. Ceramic insulation. Single hole mtg. 1/4" shaft of brass, plated. Complete with mounting nut. For s. w. sets.



Stock No.	Cap. Mmfd. Min.—Max.	No. of Plates	Your Cost
K9724	3 15	3	33c
K9728	8.5 25	4	36c
K9729	4 50	7	39c
K9731	6 80	11	45c
K9727	6 100	14	46c
K9734	7 140	19	55c

Dual Spaced Units

Stock No.	Cap. Mmfd. Min.—Max.	No. of Plates	Your Cost
K9706	6.5 95	10	49c
K9707	5 50	16	59c

BUD 6L6 Neutralizing Condenser



For neutralizing beam power tubes like the 6L6, 6V8, 807, RK49, RK89, etc. Capacity range 1 to 9 mmdf. Heavy aluminum plates 1" in diam. have rounded and polished edges. Solder lug terminals, thumb nutlocking.
K9569—Each... **59¢**

polished edges. Solder lug terminals, thumb nutlocking.
K9569—Each... **59¢**

Isolantite Couplings

Isolantite disc 1" in diameter. Collars, on spring saddles, take 1/2" shafts; grip with set screws. Construction prevents lag between condensers.
K8494—Your Cost Each... **35¢**
Heavy Duty Coupling: High power glazed Alsimag. 1 1/2" diameter. For 1/2" and 3/4" shafts. Removable bushings.
K8492—Your Cost Each... **90¢**

JOHNSON Sockets



Glazed porcelain base, nickel plated brass shell. Low resistance dual wiping contacts. For baseboard mounting.

K14160—Stand. UX base
Your Cost Each... **50¢**
K14161—50-watt base
Your Cost Each... **73¢**

ICA Insulex 50-Watt Socket



Made entirely of Insulex; low loss, highly efficient at high frequencies. Contacts of phosphor bronze. Connections to screw terminals or extended contact springs. For base or sub panel mtg.
K12635—Each... **88¢**

BUD Ceramic 50-Watt Socket



Low loss ceramic construction. Especially suited for high frequency use. Nickel plated hardware. Screw and solder lug terminals.
K14061—Your Cost Ea... **59¢**

terminals.
K14061—Your Cost Ea... **59¢**

Johnson 250-Watt Set

For 204A, 849, etc. 2-piece set. White glazed porcelain. Safety cup on plate.
K14158—Your Cost **\$2.06**

UX Insulex Socket



Base mounting. For use with standard UX tubes like the 10, 52, 866, etc. Insulex low loss insulation. Firm grip spring contacts.
K12636—Each... **35¢**

BUD Dual Spaced Condensers

Rotor and stator plates of hard drawn brass soldered to the shaft. Rotor plates 1 1/2" diam. Heavy aluminum end plates with closely fitted brass bearings. Isolantite insulation placed outside of the electrostatic field.



No.	Mmfd.	Plates	Each
K9550	4-15	5	\$0.88
K9551	6-35	11	.91
K9552	7-50	15	1.18
K9553	8-75	23	1.53
K9554	10-100	31	1.76

Dual Units

No.	Mmfd.	No. Plates	Your Cost
K9555	5-35*	11*	1.76
K9556	4-20*	6*	1.76
K9565	6-100*	14*	1.76
K9566	7-140*	19*	2.06

*—Per section.

BUD Midget Condensers

Similar to the above, but single spacing. At real low prices.

Stock No.	Cap. Mmfd.	No. Plates	Your Cost
K9557	3-15	3	50c
K9558	8-20	3	50c
K9559	4-35	5	56c
K9560	5-50	7	62c
K9567	6-80	11	70c
K9561	6-100	14	78c
K9568	7-140	19	79c

TRANSMITTING CAPACITORS



PYRANOL Transmitting Condensers

New improved models of the ever popular Pyranol filled and treated General Electric Transmitting Capacitors. Universal clamp type brackets. Lacquered hermetically sealed cases. Porcelain insulated terminals. These condensers will withstand temperatures as high as 75 degrees Centigrade and are designed for continuous operation at voltages 10% higher than rated values.



Stock No.	Cap. Mfd.	D.C. Volts	Wkg.	Your Cost	Stock No.	Cap. Mfd.	D.C. Volts	Wkg.	Your Cost
K3768	1.0	600		\$1.61	K3756	1.0	1500		2.94
K3769	2.0	600		2.06	K3757	2.0	1500		2.94
K3770	4.0	600		2.65	K3758	4.0	1500		4.32
K3753	1.0	1000		1.76	K3759	1.0	2000		2.65
K3754	2.0	1000		2.35	K3760	2.0	2000		3.23
K3755	4.0	1000		2.94	K3654	4.0	2000		5.29

Thutest

1000 Volts Surge Dry Electrolytics



Especially designed for amateur use. Fully shielded in metal containers only 4 1/2" high by 2 1/2" wide, by 1 1/2" deep; centers 2 1/2". Have excellent power factor, leakage and capacitance characteristics. Readily

adaptable to all types of equipment. All 800 volts d.c. working voltage, 1000 volts peak. Ideally suited for P.A. amplifiers. Shpg. wt. each, 2 lbs.

Stock No.	Cap. Mfd.	Your Cost	10 for
K4192	2	\$0.85	\$8.00
K4193	4	.95	9.00
K4194	8	1.39	13.00

TOBE Capacitors

Processed in Micro-nol. Metal container. Terminals mounted on porcelain stand-off insulators. Metal mounting flanges. 2000 volts (d.c.) working voltage. Tested at 6000 volts d.c.



K2723—1.0 mfd. **\$1.67**
K2724—2.0 mfd. **\$2.45**

BRADLEY 500 Watt Radiostat

For radio transmitters and industrial use. Resistance variable from 4 to 150 ohms. Dissipates 500 watts. 3 hole panel mount nickel disc 3 1/2" diam. Extends 7 1/2" back of panel. Shpg. wt. 5 lbs.

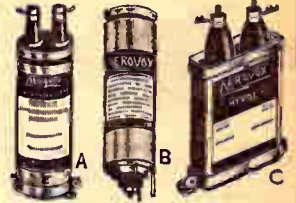
K4128 **\$5.42**



Hi-Voltage Oil Filled Transmitting Condensers



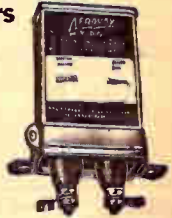
Hy-vol oil filled and impregnated transmitting condensers. Hermetically sealed in metal containers. Rated capacity remains constant over a wide range of temperature (minus 30 to plus 200° Fahrenheit). Type "A" and "C" (shown at right) have universal type mounting. Type "B" is screw type with lug. Types "A" and "C" are aluminum cans—Type "B" welded steel aluminum finish. Shpg. wt. 2 lbs.



Stock No.	Cap. Mfd.	Size Ins.	Your Cost	Stock No.	Cap. Mfd.	Size Ins.	Your Cost
500 VOLTS WORKING				1000 VOLTS WORKING			
K4819	A 1.0	2 x 2 1/2	\$1.47	K4793	A 1.0	2 x 5 1/4	\$1.59
K4820	A 2.0	2 x 2 1/2	1.76	K4794	A 2.0	2 x 5 1/4	1.97
K4821	A 4.0	2 x 3 1/2	2.35	K4795	A 4.0	2 1/2 x 5 1/4	2.85
K4519	B 2.0	1 1/2 x 2 1/2	1.32	K4522	B 1.0	1 1/2 x 2 1/2	1.32
K4520	B 3.0	1 1/2 x 4 1/2	1.62	K4523	B 2.0	1 1/2 x 4 1/2	1.62
K4521	B 4.0	1 1/2 x 4 1/2	1.76	K4529	C 1.0	2 1/2 x 1 1/2 x 1 1/2	1.76
K4526	C 1.0	2 1/2 x 1 1/2 x 1 1/2	1.62	K4530	C 2.0	4 x 1 1/2 x 1 1/2	2.35
K4527	C 2.0	2 1/2 x 1 1/2 x 1 1/2	2.06	K4531	C 4.0	4 x 2 1/2 x 1 1/2	2.94
K4528	C 4.0	3 1/2 x 2 1/2 x 1 1/2	2.65	2000 VOLTS WORKING			
1500 VOLTS WORKING				2500 VOLTS WORKING			
K4796	A 1.0	2 x 5 1/4	1.67	K4798	A 1.0	2 x 5 1/4	2.09
K4797	A 2.0	2 x 5 1/4	2.30	K4799	A 2.0	2 1/2 x 5 1/4	2.79
K4822	A 4.0	2 1/2 x 5 1/4	3.53	K4535	C 1.0	3 1/2 x 2 1/2 x 1 1/2	2.65
K4824	B 0.5	1 1/2 x 2 1/2	1.76	K4536	C 2.0	4 x 3 x 1 1/2	3.23
K4825	B 1.0	1 1/2 x 4 1/2	2.06	K4826	C 4.0	4 x 3 x 2 1/2	5.29
K4532	C 1.0	4 x 1 1/2 x 1 1/2	2.06	3000 VOLTS WORKING			
K4533	C 2.0	4 x 2 1/2 x 1 1/2	2.94	K4827	A 1.0	2 x 5 1/4	3.23
K4534	C 4.0	4 x 3 1/2 x 1 1/2	4.12	K4828	A 2.0	2 1/2 x 5 1/4	4.12
3000 VOLTS WORKING				K4829	C 1.0	3 1/2 x 3 x 1 1/2	4.70
K4823	A 1.0	2 1/2 x 5 1/4	5.00	K4830	C 2.0	4 1/2 x 3 x 1 1/2	7.65
K4824	C 1.0	4 x 3 x 2 1/2	7.06				
K4825	C 2.0	4 x 3 x 3 x 3 1/2	8.82				

AEROVOX Oil Impregnated Wax Filled Condensers

Same general construction as rectangular type listed above but filled with high melting point wax. Oil impregnated and fitted with porcelain high tension terminals. Also has universally adjustable mounting bracket that permits mounting condenser inverted or upright any distance above or below the chassis. Welded steel case is attractively finished in aluminum. All units are conservatively rated. A truly fine product by a well known manufacturer at a very low price.



Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K3234	1.0	1000	\$1.08	K3238	1.0	2000	\$1.72
K3235	2.0	1000	1.47	K3239	2.0	2000	2.40
K3310	4.0	1000	1.91	K3312	4.0	2000	4.56
K3236	1.0	1500	1.42	K3313	1.0	3000	2.45
K3237	2.0	1500	1.96	K3314	2.0	3000	4.85
K3311	4.0	1500	3.19				

CORNELL-DUBILIER CAPACITORS

Type "TJU" Oil Filled Capacitors



New low prices together with the new universal mounting bracket make these well known and highly regarded condensers a better buy than ever. DYKANOL filled and impregnated. Porcelain high tension terminals. Hermetically sealed

Type 86 Porcelain Cased Micacaps



Hermetically sealed in porcelain containers and provided with binding post terminals on stand-offs. Mounting feet on base. Low r.f. resistance; capacity remains constant at high frequencies and temperatures. Mounting centers 3 1/4" apart. 3 1/2" overall height, 2" deep.

Stock No.	Cap. Mfd.	Wkg. Volts	Ht. Ins.	Your Cost	Stock No.	Cap. Mfd.	D.C. Volts	Your Cost
K2994	1	600	2 1/2	\$1.62	K4143	.00005	12,500	\$2.20
K2995	2	600	2 1/2	2.06	K4144	.0001	12,500	
K2996	4	600	3 1/2	2.65	K4145	.00025	12,500	
K2997	1	1000	2 1/2	1.76	K4146	.0005	7,000	
K2998	2	1000	4	2.35	K4147	.001	3,500	\$2.94
K3004	4	1000	4 1/2	2.94	K4140	.001	12,500	3.23
K2999	1	1500	4	2.06	K4148	.0015	12,500	3.09
K3000	2	1500	4 1/2	2.94	K4149	.002	7,000	3.82
K3005	4	1500	4 1/2	4.12	K4141	.002	12,500	5.58
K3001	1	2000	3 1/2	2.65	K4142	.005	10,000	4.12
K3003	2	2000	4 1/2	3.23	K4152	.01	3,500	5.14
K3019	1	3000	4 1/2	7.06	K4153	.02	3,500	
K3020	2	3000	4 1/2	8.82				

Type "TF" Compact Oil Filled Units



Ultra-compact Dykanol filled capacitors ideal for use in portable transmitters, etc. Sealed in metal cases 1" deep, 1" wide, 2" high; centers 1 1/2". All 1000 d.c. working

Type "TLA" DYKANOL Filter Capacitors



In Sealed aluminum containers 4 1/2 x 1 1/2" (2 mfd. 600 v. is 2 1/2" high). Mount in any position. Dykanol filled and impregnated. For high voltage apparatus.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K4195	2	600	\$1.32	K4197	1	1000	1.32
K4000	.05	600	0.97	K4198	2	1000	1.62
K4001	.1	600	1.03	K4199	1	1500	1.76
K4002	.25	600	1.09				
K4003	.5	600	1.18				

SANGAMO Transmitting Micacaps

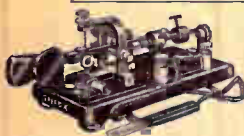
For low and high power transmitters, power supplies, power amplifiers, etc. Employ the finest ruby mica dielectric. Completely cased in molded bakelite housings with screw terminals on each end. Size: 1 1/2" long, 1/2" thick and 1 1/2" wide (varies slightly with capacitance). Impervious to moisture or temperature. Working voltage approximately half of the test voltage.



1000 Volts Test			2500 Volts Test			5000 Volts Test		
Cap. Mfd.	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
.00004	K3050	24c	K3771	41c	K3085	53c		
.00005	K3051	24c	K3772	41c	K3077	53c		
.0001	K3053	24c	K3773	41c	K3078	59c		
.00015	K3054	24c	K3774	41c	K3080	62c		
.0002	K3055	24c						
.00025	K3056	24c	K3775	41c	K3079	62c		
.00035	K3058	24c						
.0005	K3060	24c	K3776	41c	K3076	73c		
.001	K3061	29c	K3777	53c	K3082	88c		
.0015	K3063	29c	K3778	68c	K3084	\$1.15		
.002	K3064	29c	K3779	79c	K3081	1.32		
.003	K3066	35c	K3780	91c	K3761	1.62		
.004	K3068	35c	K3781	91c	K3762	1.85		
.005	K3069	41c	K3782	\$1.03	K3763	1.94		
.006	K3070	50c	K3783	1.03	K3764	2.06		
.01	K3073	68c	K3784	1.65	K3765	2.41		
.012	K3074	70c						
.015	K3075	73c	K3785	2.03				
.02	K3766	\$1.09	K3845	2.32				

TRANSMITTING KEYS and ACCESSORIES

SPEED-X Transmitting Keys & Accessories



Model 501 Hi-Speed Key

A professional high-speed key for the amateur and commercial operator. Has $\frac{1}{4}$ " coin silver contacts, pig-tail connections to the vibrator arm, no current to the case-hardened bearings; polished chromium on all machine parts and base. Adjustable from 8 words per minute to as high a speed as desired. Equipped with switch and cord and plug. With rubber legs. Shpg. wt. 5 lbs.
K14028—Your Cost **\$10.29**



Model 321 Senior Key

For the old timer and the ham who is to start right. $\frac{1}{4}$ " silver contacts. Chrome and black finish. All metal base highly insulated.
K14039—Your Cost **\$2.06**



Model 300 Practice Key

Two adjustments; base is of molded Bakelite; machined bronze; coin silver contacts.
K14041—Your Cost **88c**



Model 310 Manual Key

Provision for plugging-in Hi-Speed model. Black wrinkle base; parts nicked. $\frac{1}{8}$ " silver contacts.
K14051—Manual Key, without Switch.
Your Cost **\$1.47**
K14052—With Switch. Your Cost **\$1.76**



Model 301 Ham Key

Designed for the amateur. Silver contacts. Bakelite base; metal parts nicked.
K14040—Your Cost **\$1.26**
K14044—As above but with switch **\$1.47**



Hi-Frequency Buzzer

Constant frequency buzzer for practice or modulation work. 2 ohms resistance.
K14021—Your Cost **73c**



Model 450 Practice Set

Constructed of mottled walnut Bakelite. Plated metal parts. For code practice or 2-way communication. Adjustable buzzer. Code chart secured to base. Overall $6\frac{1}{2} \times 5\frac{3}{8}$ ".
K14027—Single set. Your Cost **\$1.91**



Bakelite Key Knobs

These units are of brilliant, black Bakelite. Navy knob (with disc).
K14037—Your Cost Each **8c**
Paddle for speed keys. K14038—Each **15c**

"MAC" Practice A.F. Oscillator

A new, improved 3-tone A. F. oscillator, by McElroy. 3-position switch selects either 600, 800 or 1000 cycle tubes and a ball-tone. Uses 2-6C5 last tube. Beautifully molded bakelite case; binding posts for key terminals and for the 200 ohm output for matching mike input. Phone tip jacks for the operator. Can be used as a tone source for bridges and other laboratory equipment. Operates from 110-120 volts AC or DC. Supplied with 2 glass and 1 metal ballast tubes. Shpg. wt. 3 lbs.
K14034—McElroy A. F. Oscillator **\$5.95**
Your Cost



McELROY'S Keys & Accessories



De-Luxe MacKey

Best of the famous Macs. One-piece cast iron base, black marble finish. Parts finished in chrome. Swedish blue steel springs. Patented "Dot Stabilizer" exclusive with Mac; bronze adjusting screws; $\frac{1}{8}$ " silver contacts. With circuit closing switch.
K14032—Shpg. wt. 7 lbs. Your Cost **\$9.50**

Standard MacKey. Includes "Dot Stabilizer"; 9 Adjustments; bakelite bushings; bakelite paddle and knob. Less switch.
K14087—Shipping wt. 5 lbs. Your Cost **\$7.50**

Junior Model. Same main lever as above models. Somewhat lighter in construction.
K14090—Shpg. wt. 5 lbs. Your Cost **\$4.95**



Straight Key De-Luxe

Oversized base of cast brass. Carefully machined and heavily chromium plated. $\frac{3}{8}$ " contacts. Case hardened steel bearing screws. With circuit closing switch. Shpg. wt. 2 lbs.
K14091—Your Cost **\$2.25**

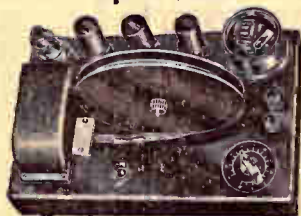
Professional Model

Same base as above, but polished brass finish lacquered. $\frac{1}{8}$ " contacts. With circuit closing switch. Wt. 2 lbs.
K14092—Your Cost **\$1.85**

Amateur Model

Perfectly designed and balanced. Black wrinkle base with cadmium plated parts. Less switch. $\frac{3}{8}$ " contacts.
K14093—Your Cost **\$1.20**

Auto; Recorder; And Tape Puller



The Mac "Auto", illustrated, comprises a photocell, amplifier and relay arrangement which makes an ideal practicing device for amateur or commercial operator. Ordinary $\frac{3}{8}$ " paper tape is pulled through a brass gateway with a light on one side and photocell below. The photocell impulses are amplified, then work the plug-in relay which either keys a local oscillator, transmitter or sounder. Machine supplied complete with one roll of recorded tape and complete instructions. Shpg. wt. 10 lbs. with tubes. **\$29.75**
K14094—Your Cost

Recorder. For recording received signals, and playing back at any desired speed. Shpg. wt. 7 lbs. **\$29.75**
K14095—Your Cost

Tape Puller. For either of above. 110 v.—60 cy. A.C. Wt. 7 lbs. **\$12.00**
K14096—Your Cost

"MAC HUMMER" AND STRAIGHT KEY

Combination of carbon mike and miniature loud speaker gives swell 1000-cycle note with $4\frac{1}{2}$ -volt "C" battery. Hummer can be removed from key base. Base is cast iron, black wrinkle finish and stays put on table without screws. $\frac{1}{8}$ " contacts; pigtail to posts.
K14084—Your Cost **\$2.95**
K14085—Hummer only. Your Cost **\$1.50**
14086—Key only **\$1.50**



SIGNAL Keys And Practice Sets



R-50

Amateur Key
 Black, cast base. Coin silver contacts. Nickeled parts. Shpg. wt. 2 lbs.
K14009—Your Cost **88c**



Heavy Duty Keys

Arm, base and supporting posts of heavy cast brass. Coin silver contacts points.
Stock No. Type Contacts Each
K14002 R62 \$2.25
K14003 R63 2.35
K14004 R64 $\frac{3}{8}$ " 2.50



Key with Switch

A telegraph key with a switch to close contacts. Polished lacquered brass base. Key and switch lever nicked. Shpg. wt. 4 lbs. Type M100.
K14017—Your Cost **\$1.75**
R48, as above, less switch. K14005—Your Cost **\$1.65**



R68 Code Practice Set

Key and high frequency buzzer on polished hardwood base. Hook battery to terminals and it is ready to operate ($1\frac{1}{2}$ -volt dry cell not supplied). Metal code plate on base.
K14001—Each **\$2.00**
High Frequency Buzzer Only
 Adjustable type. Crystalline case. **K14006—Your Cost** **82c**

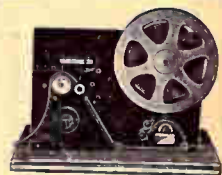
Two-Way Code Set

Ideal for the code learner. A switch on each set permits radio code (buzzer), blinker (bulb) or telegraph. Metal code plate on each set; adjustable key with standard knob. Each set takes 2 No. 950 flashlight cells. Supplied with bulbs, 60 ft. of double wire and instructions. Less cells. **\$1.85**
K14000—Your Cost
K20124—Eveready No. 950 cell. Each **6 $\frac{1}{2}$ c**



AMERICAN Code Reader

Will record code signals up to 100 words per minute without the use of inking pens or punching of paper. The instrument connects directly across the voice coil of the loud speaker and code signals are recorded on chemically treated paper. To obtain personal readings, just connect a $4\frac{1}{2}$ volt battery in series with the key (battery not supplied). Wt. 10 lbs. Less 76 tube. **\$11.76**
K14144—Your Cost
K14145—Extra 250 foot roll of tape **25c**



G. L. Automatic Tape Sender

Used for transmission of code practice. Blank tape is fed through punching die, formed into an endless belt and transferred to the motor-driven sending mechanism. Speed adjusted with cone friction drive for 10 to 70 w.p.m.; as low as 1 w.p.m. 110 volts, 60 cycles a.c. Cast aluminum case, 5" sq. 3" high in black crackle. With 6-ft. cord and plug, and four rolls of tape. Shpg. wt. 10 lbs.
Postpaid Anywhere in U.S.A. \$12.50
K14022—Your Cost
K14023—1000-ft. roll of tape. Your Cost **\$1.00**



CRYSTALS and RELAYS



Truest MOUNTED CRYSTALS



At least, a high quality guaranteed accurate crystal mounted in a newly designed, high efficiency type holder, at the former cost of the crystal only. All are low drift AT cut, accurate to .03% of calibrated frequency. Crystal holders designed to be stacked, take less room than multiple holders. All within 5 kc. of desired frequency. 1 1/4 x 1 1/4 x 1/4". Mounts in 6 prong socket.

Stock No.	Frequency	Your Cost	Each
K13514	7000 to 7300 kilocycles	\$3.45	
K13513	3500 to 4000 kilocycles	2.95	
K13512	1700 to 2000 kilocycles	2.95	

Any above supplied to exact integral frequency add.....\$1.00

Mounted Test Crystals

These crystals are mounted in a holder similar to those described above. Supplied for test purposes. Accurate to 1/10th of 1%.
 K13479—500 to 7000 kc. Specify frequency. **\$5.50**
 Your Cost Each.....

Broadcast & Commercial Frequency Crystals

Guaranteed accuracy to .02%. Mounted AT cut. Drift less than four cycles per degree Centigrade per megacycle. In low loss Bakelite holder. Ground to your specified frequency within range of 500 to 7000 kilocycles. Complete with holder. **\$15.00**
 K13480—Your Cost Each.....
 For frequencies other than 500 to 7000 kilocycles, prices upon request.

Single Signal Filters

Properly mounted for this use. For receivers with IF peak between 465 and 525 kc. Specify frequency when ordering. These mounted crystals are of the resonator type assuring optimum performance in communications type receivers.
 K13459—**\$3.95**
 Your Cost.....

Oscillating Blanks

Finished crystals approximately 1" square, with rounded corners. Not mounted. X cut for the 80 meter band, but not calibrated.
 K13461—**\$1.75**
 Your Cost Each.....

Crystal Holder

Cover is all metal and slips over the crystal mount proper. Crystal grips all brass on Bakelite. Plates parallel. Phosphor bronze springs. 1 1/4" high, 1 1/4" wide. Designed to fit any standard five-prong socket. Cover is easily removed by means of one small screw.
 K13190—For A-T cut crystals.
 K13191—For 40-meter crystal.
 K13192—For 80 and 160 meter crystals.
95¢
 Your Cost Each.....



Frequency Standard Bar

Mounted 100 kc. standard frequency bar. Highly accurate.
 K13460—**\$5.50**
 Your Cost.....

Quartz Specialties

NOTE: We can supply quartz specialties of all kinds such as lenses, special quartz crystals cut at various angles, etc., to your electrical or optical specifications. We shall be glad to quote upon receipt of your requirements.

DUNCO Radio Relays

Compact relays having 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-cycles or d.c. circuits. Size: 1 1/2 x 2 1/2 x 1/4". Shpg. wt. 2 lbs.
 K14030—RA-1. 2.5 volt coil, 60 cycles.
 K14031—RD-1. 5-6 volts d.c.
\$2.00
 Your Cost, Either Type.....



BLILEY MOUNTED CRYSTALS

BC3 "Ham" Crystals



Mounted X-cut power crystals for 40 and 80 meter ham bands. Powerful oscillator. Freq. drift only 23 cycles/Mc/°C. One-piece Bakelite holder fits standard 6-prong socket. Specify frequency (40 or 80 meter band) and accuracy desired.
 K13531—BC3 mounted crystal. Within 5 kc. of specified frequency. **\$3.35**
 Your Cost.....
 Exact integral kc.....\$4.95
 K13532—BC3 mounted xtal for 160 meters within 10 kc. of specified frequency. **\$3.35**
 Your Cost.....

Type B5

A superior low-drift mounted crystal for 20 and 40 meter bands. Accurately calibrated. Less than 4 cycles/Mc/°C drift. B5 unit for 40 meters replaces the LD2 model and will carry 35% more RF current. Mounted in a low-loss holder.

Stock No.	Freq. in MC	Accurate Within	Your Cost
K13546	7.0-7.3	5 Kc	\$4.80
K13547	7.0-7.3	Exact	5.90
K13548	14.0-14.4	15 Kc	7.50
K13548	14.0-14.4	5 Kc	12.00
K13549	14.4-15.0	30 Kc	7.50
K13550	14.4-15.0	5 Kc	17.50



VFI Variable Freq. Crystal



A mounted low-drift 80-meter xtal. Frequency can be changed up to 6 kc. on 80, 12 kc. on 40, 24 kc. on 20. Bakelite holder fits 6-prong socket. Specify minimum frequency in 80 m. band. Supplied accurate within 5 kc.
 K13493—**\$7.50**
 Your Cost.....
 K13482—Exact integral kc. \$10.00

Type LD2

A mounted low drift crystal for the 80 and 160 meter bands. Frequency drift of less than 4 cycles per megacycle per degree Centigrade. Mounted in a low-loss Bakelite holder. Fits 6-prong socket. Specify frequency desired. Accurate within .03%.
 K13585—Within 5 kc. of specified frequency. **\$4.80**
 Your Cost.....
 K13494—Exact integral kc. **\$5.90**
 Your Cost.....

CFI "I.F." Crystals

Mounted crystals for use in 1st i.f. stage of short wave receivers. Ground for maximum efficiency; no spurious responses within 7 kc. of fundamental. Steatite holder.
 K13516—456 kc. **\$5.50**
 K13517—465 kc. **\$5.50**
 K13510—1600 kc. \$9.50

Type SMC-100



This standard frequency crystal unit provides a simple inexpensive means of rapid check of calibration of receivers, oscillators and ham monitors. Mounted precision, dual frequency xtal ground to oscillate within .01% of 100 kc. and .05% of 1000 kc. by switching proper tank coil in circuit. **\$7.75**
 K13523—Your Cost

Type HF2

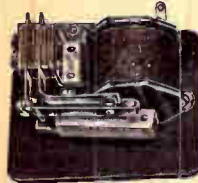
Similar in appearance to above. Precision ground crystal for 10 and 20 meter bands, offers control for 5, 10 and 20 meters.
 K13507—14.0-14.4 Mc., drift 20 cycles/Mc/°C, within 15 Kc. specified frequency.
 K13508—14.4-15.0 Mc., drift 20 cycles/Mc/°C, within 30 Kc. specified frequency.
 K13509—28.0-30.0 Mc., drift 43 cycles/Mc/°C, within 50 Kc. specified frequency. **\$5.75**
 Any Type, Each.....

BC-2 Crystal Holder



Crystal holder of molded Bakelite to fit tube socket base. 20-40 meter and 80-160 meter types. Diameter, 2", height 1" excluding pins, weight, 1 1/4 ounces. Will fit the usual 6-prong socket.
 K13098—20-40 meter.
 K13099—80-160 meter.
95¢
 Your Cost, Each.....

GUARDIAN Transmitting Relays



Use pure silver relay contacts and will handle high voltages at the highest possible rate of transmission with standard or "bug" keys. Mounted on genuine Bakelite insulation. Strong magnet coil and return spring assures a clean make and break for a fine CW note and easy copying. Model X-100 Adjustable Overload Relay: Opens the 110-volt input when plate currents exceed any value from 150 to 500 ma. Hand reset—does not make contact until handle is released so that it will immediately reopen if overload has not been removed. Re-set push-button extends through panel.
 K14120—Shpg. wt. 4 lbs. List \$10.00 **\$5.88**
 Your Cost.....
 Model L-500. Same as above, but non-adjustable. 500 ma.
 K14122—List \$7.50 **\$4.41**
 Your Cost Each.....
 K-100. Keying Relay: Single contact. Works on 5 to 16 volts a.c. or from any 1 1/2 to 3 volt d.c. source. **\$3.23**
 K14123—Your Cost.....
 B-100 Break-in Relay: Double Pole, double throw, 110 volts a.c. Ideal for remote control. **\$4.41**
 K14125—Your Cost Each.....
 R-100. Relay: Single pole, single throw, 110 volts, 60 cycles a.c. Work R.F. phone circuits up to 1 K.W. **\$1.47**
 K14118—Your Cost Each.....
 R-100-C. Similar to above, but single pole, double throw. Shpg. wt. 2 lbs. List \$3.00 **1.76**
 K14119—Your Cost Each.....

WARD LEONARD Midget Relays



Midget radio frequency relays designed especially for use in automatic switching of the antenna from transmitting to receiving position. For low power transmitters where transmission and reception are near the same frequency and where r.f. currents do not exceed 4 amperes. Features include: Mycalex base and cross-arm, silver to silver contacts, cadmium plated parts, coil consumption 3 to 4 watts, base 2 1/4 x 2 1/4". Double pole, double throw, single break. Wt. 1 lb.
 K14147—Type 507-532. 6-8 volts d.c. coil.
 K14148—Type 507-531. 110/120 volts, 50/60 cycles. **\$5.88**
 List \$10.00. Your Cost, Either Type.....
 K14133—Model 507-507. Keying Relay. Single pole, single throw, double break. Coil for 2.5 volts d.c. Base of molded insulation. **\$4.12**
 K14134—Model 507-508. As above, but for 6-8 volts d.c. **\$5.00**
 List Price \$7.00. Your Cost, Either Type.....
 K14130—Type 507-533. Band switch relay for 110 volts, 60 cycles a.c. Micalox base and arm. S.P.S.T. **\$5.00**
 Your Cost.....
 K14131—Type 507-534. Midget Break-in or Push-to-Talk relays. For 110 volts, 60 cycles a.c. Micalox insulation. **\$7.35**
 K14132—Type 507-535. Similar to above, but for 6-8 volts d.c. **\$5.17**
 Your Cost.....
 K14136—Type 507-518. Heavy Duty Remote Control Relay for 110 volts, 60 cycles a.c. Molded base. **\$4.41**
 Your Cost.....
 K14137—Type 507-516. Keying Relay for 6-8 volts d.c. **\$4.41**
 Your Cost, Each.....

ANTENNA INSULATORS and ACCESSORIES

Etched Metal Dials

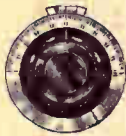


Polished nickel silver with black etched markings. 4" diameter. 1 1/2" mounting centers. Marked: **A**mplifier Plate; **A**mplifier Grid; **O**scillator. Specify marking.

- K9858—Each..... 41¢**
- As above, but 2 1/2" diameter. Available marked **N**eutralization and without marking. **33¢**
- K9857—Your Cost Each..... 33¢**
- As above, 2 1/2" diameter. Available marked **G**ain only. **23¢**
- K9903—Your Cost Each..... 23¢**

Precision Vernier Dial

Chrome silver dial, large; large flanged knob takes 1/4" shafts. All read 0-100. Accurate to within 1/10 division. Has etched graduations.



Stock No.	Diam. Ins.	Rot. Deg.	Your Cost
K14236	4	325	\$1.03
K14237	2 1/2	325	.73
K14238	4	180	1.03
K14239	2 1/2	180	.73

New Vernier Dial



A new friction drive vernier dial, 2 1/2" diam. Modern appearance, smooth action, no backlash. Polished nickel silver with etched black markings. For 1/4" shaft. **K14240—Less Knob Your Cost..... 88¢**

E.F. JOHNSON INSULATORS

Stand-Off Insulators



Made of white glazed porcelain. Furnished with all hardware. Screw and jack types. Have many uses.

- K16745—No. 20. 1 1/8" high, 10-32 hardware. Your Cost Each..... 8¢**
- K16744—No. 20J. Same as above, with jack top. Your Cost Each..... 10¢**
- K16746—No. 22. 1" high, 8-32 hardware. Your Cost Each..... 5¢**
- K16748—No. 22J. Same as above, with jack top. Your Cost Each..... 7¢**
- K16747—No. 24. 5/8" high, 6-32 hardware. Your Cost Each..... 4¢**

Metal Base Stand-Offs



Cadmium plated drawn steel bases. White glazed porcelain. No. 66 "beehive" type; Nos. 66 and 67 have 1/20 hardware.

- K17024—No. 65. 1 1/8" high. Your Cost Each..... 12¢**
- K17025—No. 66. 2 1/4" high. Your Cost Each..... 21¢**
- K17026—No. 67. 4 1/2" high. Your Cost Each..... 32¢**

Thru-Panel Insulators

Made of white glazed porcelain. Non-hygroscopic. Feature great mechanical strength and increased breakdown voltage. Flat mounting surfaces with cushion washers eliminates breakage. All have longest possible leakage path. Jack types have terminals permitting connection above as well as below the panel. Nickel plated brass hardware furnished. They are ideal for use as terminals on high frequency, high voltage and low frequency devices.



- K16736—No. 40. 1 1/4" body top, 1/2" bottom. 10-32 hardware. 1/2" panel hole mounting. Your Cost Each..... 15¢**
- K16737—No. 40J. Same as above, but with jack top. Your Cost Each..... 18¢**
- K16738—No. 42. 7/8" body top, 1/2" bottom. 10-32 hardware. 1/2" panel hole mounting. Your Cost Each..... 12¢**
- K16739—No. 42J. Same as above, but with jack top. Your Cost Each..... 15¢**
- K16740—No. 44. 5/8" body top, 1/2" bottom. 6-32 hardware. 5/16" panel hole mounting. Your Cost Each..... 10¢**
- K16741—No. 45. 1 1/4" body top, 1 1/4" bottom. 10-32 hardware. 1/2" panel hole mounting. Your Cost Each..... 21¢**
- K16742—No. 45J. Same as above, but with jack top. Your Cost Each..... 24¢**

OHMITE 3-Point Band Switch



Features Lavite insulation, wide spacing, silver plated contacts, and floating contact shoe. Single hole mounting. For power amplifier or output circuits up to 1 kw. With knob and bracket. **K12996—Your Cost..... \$1.76**

Tap Switches

Non-shorting type. Porcelain and vitreous enamel construction. Only 2 1/2" diameter. Silver contact shoe has extremely low resistance. **Type T504—4-contacts. K12997—Your Cost..... \$2.79**
Type T505—5-contacts. K12998—Your Cost..... \$2.94

Etched Dial Plates

Etched aluminum and black dial plates, calibrated 0-10 in 300°. 2 1/4" high by 1 1/2" wide, with four mounting holes. Specify marking desired.



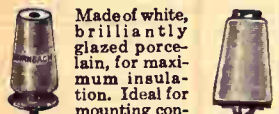
- Plain dial Gain Tone K9904—5 for 57c Your Cost Each..... 12¢**
- Record Microphone Master Gain K9904—5 for 57c Your Cost Each..... 12¢**

Handle Indicators



Johnson controls with Bakelite handles. 4" diam. scale on No. 204, 6" on No. 206. For 1/4" or 3/8" shafts. Scales 0-100, zero on left. **K13015—No. 204..... 59¢**
K13016—No. 206..... 73¢

BIRNBACH Stand-off Insulators



Made of white, brilliantly glazed porcelain, for maximum insulation. Ideal for mounting condensers, coils, tube sockets and other high frequency apparatus. Complete with nickelled brass hardware.

- K17001—5/8" high, 3/8" base diam. Threaded both ends 6-32. Your Cost Each..... 6¢**
- K17002—1" high, 1 1/8" base diam. Threaded both ends 8-32. Your Cost Each..... 9¢**
- K17003—1 1/4" high, 1 1/8" base diam. Threaded both ends 10-32. Your Cost Each..... 12¢**
- K17004—2 1/4" high, 1 1/4" base diam. Threaded both ends 1/2-20. Your Cost Each..... 15¢**
- K16998—1" high, 1 1/8" base diam. With Jack in top. Your Cost Each..... 12¢**
- K16999—1 1/2" high, 3/8" base diam. With Jack in top. Your Cost Each..... 15¢**
- K17000—2 1/4" high, 1 1/4" base diam. With Jack in top. Your Cost Each..... 29¢**

BIRNBACH Banana Plugs and Jacks



Long-life nickel silver contact spring secured over a pin makes plugs non-collapsible and permits low-resistant contact.

- K12990—Giant plug with 10-32 threaded hole. With screw, lug. K12991—Giant plug with 1/2-20 threaded hole. With screw, lug. K12992—Giant plug with 1/4-28 threaded shank. With nut, lug. K12993—Giant jack, 1/4" mounting hole. With nut and lug. Your Cost Each, Any Type..... 15¢**
- Insulated Jack and Plug K12986—Insulated giant jack, mounts on panel with no metal exposed. 1/2" mtg. hole. In red or black. Your Cost, Either Color..... 24¢**
- K12987—Insulated giant plug with 1 1/8" insulated handle, in red or black. Your Cost..... 29¢**

Xmitter Lead-in Insulator

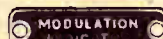
For use as transmitter and receiver lead-in insulators. Each 2 1/4" high, of low absorption, highly vitrified glazed porcelain. K17039 and K17040 have porcelain insulating bushing to insulate threaded lead-in rod. Complete with nickel-plated hardware and lead and cork washers to make watertight seals. **K17037—With 10-inch rod. Your Cost..... 53¢**
K17038—With 15-inch rod. Your Cost..... 59¢
K17039—10-inch rod with bushings. Your Cost..... 70¢
K17040—15-inch rod with bushings. Your Cost..... 88¢

TRANSMITTER KNOBS

All with brass inserts for 1/4" shafts.



- K13011—Type A. 2 1/8" diameter, with smooth skirt. Your Cost Each..... 28¢**
- K13010—Type A. 3" diameter. Your Cost Each..... 37¢**
- K9896—Type B. 1 1/2" diameter; with pointer. Your Cost Each..... 16¢**
- K13014—Type D. 1 1/8" diameter. Knurled edge..... 17¢**
- K13013—Type D. 1 1/4" diameter. Your Cost Each..... 23¢**
- K13012—Type D. 2 3/8" diameter. Your Cost Each..... 28¢**
- K13055—Type C. 2 1/4" long, 3/4" skirt, 1 1/8" radius. Your Cost Each..... 8¢**
- K13053—Type C. 1 1/4" long, 3/4" skirt, 3/8" radius. Your Cost Each..... 6¢**
- K9885—Type E. 1 1/2" diameter. With arrow pointer. Your Cost Each..... 6¢**
- K9886—Type E. 1 1/2" diameter. Your Cost Each..... 6¢**
- K13007—Type F. 1 1/8" diameter. With metal pointer. Your Cost Each..... 23¢**
- K13008—Type F. 1 5/8" diameter. Your Cost Each..... 28¢**
- K13009—Type F. 2 3/8" diameter. Each..... 34¢**



Etched Metal Name Plates

Rectangular aluminum plates, 1 1/2 x 3/4". Raised aluminum letters on black etched background.

- A.C. Input
- Amplifier Grid Cur.
- Amplifier Plate Cur.
- Amplifier Screen Cur.
- Antenna
- Antenna Feeder Cur.
- Buffer Plate Current
- 1st Buf.-Dblr.
- 1st Buffer Grid
- 1st Buffer Plate
- 2nd Buffer Grid
- 2nd Buffer Plate
- 1st Buf.-Dblr. Grid
- 2nd Buf.-Dblr. Grid
- 2nd Buf.-Dblr. Plate
- Triet Osc.
- W9898—Be sure to specify marking desired
- Your Cost Each..... 6¢
- 10 Plates (Any selection) for..... 55¢
- Filament Voltage
- Fil. 1st ON: 2nd OFF
- Gain Control
- Input
- 50 Ohm Input
- 125 Ohm Input
- 200 Ohm Input
- 500 Ohm Input
- Plate
- Plate Voltage
- Plate 2nd ON: 1st OFF
- Power Amp. Grid
- Power Amp. Plate
- Receive
- Rectifier
- Send
- Osc. Plate Current
- Output
- Output Grd.-Gnd.
- 50 Ohm Output
- 125 Ohm Output
- 200 Ohm Output
- 500 Ohm Output

We Will Not Knowingly Be Undersold

Transmitting AERIALS & EQUIPMENT

LYNCH Improved Giant Killer Cable



A low impedance transmission line for x'mitters running less than 250 watts. 18 gauge stranded conductors, extremely flexible. Ideal for feeding all aerials, including rotary beams and connecting link-coupled circuits. Rubber covered. Very low loss; will stand more than 25,000 volts. O.D. $\frac{3}{8}$ ".

K17179—Per Foot..... 5^c
 Per 50 feet..... **\$2.35**
 Per 100 feet..... **\$4.70**

Bassett Concentric Feeder



A fully flexible coaxial transmission line for the transfer of audio or radio frequency. Impervious to the most adverse weather. Outer conductor may be grounded; no insulation required. Completely assembled with rubber end seal.

BCF-13-1000
 13 ohms, 1000 watt line.
K16494—50 ft. system \$5.00
 Wt. 15 lbs. **Your Cost.**
K16495—100 ft. system \$8.50
 Wt. 40 lbs. **Your Cost.**

BCF-64-500
 64 ohms, 500 watt line.
K16496—50 ft. system \$6.50
 Wt. 15 lbs. **Your Cost.**
K16497—100 ft. system \$11.50
 Wt. 38 lbs. **Your Cost.**

Write for prices on lines of special lengths.

Pyrex Stand-Off Insulators



Are absolutely non-hygroscopic. Unaffected by temperature changes. Oval base size $3\frac{1}{2} \times 1\frac{1}{2}$ ". Diameter of glass $1\frac{1}{2}$ ". Have flash-over value when dry of 21.5 and 56 kv. respectively. Shpg. wt. 2 lbs.

K16808—3" high overall.
Your Cost \$1.59
Each.
K16809—7" high overall. Shpg. wt. 3 lbs.
Your Cost Each \$1.79

PYREX Double Lead-Ins

Diameter $2\frac{1}{2}$ ". With brass rod, 4 brass jam nuts, 2 brass washers, 2 rubber washers and 2 rubber gaskets. Unaffected by temperature or extreme moisture conditions. Shpg. wt. 3 lbs.



K16813—15" rod.
Your Cost \$1.59
Each.
K16814—20" rod.
Your Cost \$1.69

JOHNSON Feeder Spreaders



White glazed overall; cross-section all sizes is $\frac{3}{8} \times \frac{1}{2}$ ". With end covers for line conductors and spacers for tie-wires. Molded from high quality porcelain.

2" long..... 9^c
3" long..... 12^c
4" long..... 15^c

PREMAX VERTICAL STEEL RADIATOR



The answer to the ham's demand for a simple to install, easily erected vertical radiator. No long pipes to handle. Simply erect a six-foot unit and adjust to size. Made of heavy gauge steel tubing in carefully designed sizes to provide complete telescoping of entire mast into 6-ft. unit. Positive clamping caps on each section lock all extensions at height desired and provide efficient electrical contact. All sections copper plated and lacquered for minimum r.f. resistance. Insulator for VR136 type is a special Lapp design, using heavy, wet process, brown glazed porcelain held in compression between malleable iron castings. VR118 type is brown glazed porcelain mounted on special post and base flange. VR118 mast is corrugated for extra strength.

K17157—VR118-10 Meter, adjusts to 17 feet. Shpg. wt. 6 $\frac{1}{2}$ lbs. \$6.17
Your Cost.....
K17158—VR136-20 Meter, adjusts to 34 ft. Shpg. wt. 25 lbs. 16.76
Your Cost.....

PREMAX POWER-GAINER ROTARY BEAM ANTENNA KIT



Suitable for use in making all popular type of arrays for 10 and/or 20 meters. Kit consists of four PREMAX CORULITE tubular elements, each completely telescopic and adjustable from 6 to 17 $\frac{1}{2}$ feet with set of 8 combination mounting clamps and soldering lugs. Adjustable sections are positively locked at any desired extension by three set screws and lock-nuts at each joint. Elements are 1-inch in diameter tapering to $\frac{3}{4}$ -inch at outside end. Of lightweight steel, copper plated inside and out for low r.f. resistance, and lacquered to withstand weather. Minimum sag (less than 4 inches sag fully extended). Large diameter provides high Q. Full instructions with each kit for making all popular rotary beams with several suitable designs for making supporting framework.

K17150—Complete kit of four 17 $\frac{1}{2}$ -ft. elements, combination mtg. brackets and soldering lugs. Shpg. wt. 13 lbs. \$14.70
Your Cost.....

Commercial Standard Coaxial Cable



IN $\frac{3}{8}$ " AND $\frac{1}{2}$ " DIAMETERS

Constructed of heavy wall soft copper tubing which guarantees no radiation, maximum flexibility and freedom from changing sheath resistance when subjected to vibration. Line constants do not change on bending—inner conductor is concentric to within 10% of diameter. Large size uses quartz-polished Steatite beads that will not absorb moisture. Conductor in small cable is supported on spirally-wound spun glass insulation. Both cables have Imp. of approx. 70 ohms.

K17130— $\frac{1}{2}$ " CABLE, 50 ft. length. 4" bending radius; capacity $\frac{1}{2}$ kw., modulated. Less terminal. \$11.50
Your Cost.....
Longer lengths at 23c per foot; less terminal.
K17133— $\frac{3}{8}$ " CABLE, 50 ft. length. 8" bending radius; capacity 1 kw., modulated. Commercial standard. Less terminal. \$14.50
Your Cost.....
Longer lengths to order at 29c per foot; less terminal.

INSULATED TERMINALS

K17134—For $\frac{1}{2}$ " coaxial cable. 2 $\frac{1}{2}$ " long. Weatherproof construction. 1 $\frac{1}{2}$ " leakage path of molded composition. Lug. \$1.50
Your Cost.....
K17131—For $\frac{3}{8}$ " coaxial cable. 4 $\frac{1}{4}$ " long. 2 $\frac{1}{2}$ " ceramic leakage path. Heavy non-corrosive metal fittings. Each \$2.50

JOHNSON "Q" Antennas



The ideal amateur transmitting antenna systems. Will provide 100% more radiation with the same power than the ordinary doublet antenna. Matched impedance throughout. Negligible losses in entire system. Practically zero radiation from transmission line. No exact or critical over-all feeder lengths—line may be several thousand feet long if desired, with full efficiency. Kits including all parts and instructions. Less end insulators.

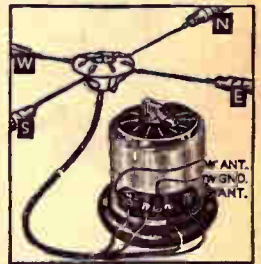
K17162—Model 10Q. 10 meter kit. List \$7.85. Each..... \$4.62
K17163—Model 20Q. 20 meter kit. List \$12.25. Each..... \$7.20
K17164—Model 40Q. 40 meter kit. List \$22.60. Each..... \$13.29
K17165—Model 80Q. 80 meter kit. List \$42.00. Each..... \$24.70
K17160—Model 10QS*. 10 meter kit. List \$8.65. Each..... \$5.09
K17161—Model 20QS*. 20 meter kit. List \$14.50. Each..... \$8.53
 * These models supplied with straight tubing. All others are coiled.

FIVE METER "Q" ANTENNAS

Designed for convenient installation at a fixed station or under a variety of conditions encountered in portable work. Weighs only 1 $\frac{1}{2}$ pounds net. Complete with antenna, quarter-wave tubes, 4 glazed porcelain bars. List price \$7.00.

K17167—Your Cost \$4.12
K17168—As above, but Mycalex insulated. Your Cost \$5.88
K17169—Mounting strip jack with Mycalex. Your Cost \$1.18
K17170—Lug terminal strip with Mycalex insulation. Your Cost 59c

NEW! TACO Selective-Beam Antenna



Increases the effective DX range in any locality while reducing interference to a minimum. Switch coupling device at the receiver gives choice of NINE directional beams through the use of two doublets placed at right angles. 4 quarter-wave aerial wires are connected to a transmission line having equal impedance between the four conductors. Kit contains: 1 Aerial Connecting Block; 4 Coils 7/22 tinned antenna wire; 1-50 ft. coil Taco 4-conductor transmission line; 1 Beam Selector Coupler; 4 Insulators; 3 nail-knobs; 1 Screw-eye; 1-Porcelain tube; Instruction Sheet. Wt. 7 lbs.

K16463—Your Cost. \$7.35

Button Type Lead-Ins

These are the famous "Butt-Ins" with a thousand uses. Tiny as they are they have a flash-over of 5,800 volts at 60 cycles. Overall diameter $\frac{5}{16}$ ", $\frac{1}{4}$ " high, fit $\frac{1}{8}$ " hole and pass 6-32 screw. For $\frac{1}{8}$ ", or heavier, panels.



K16798—CP-19
Your Cost Per Dozen... 20^c

Amphenol Beads For Coaxial Cable

Transparent ultra-low loss polystyrene beads $\frac{1}{8}$ " diam. for coaxial cables, photocell transmissions, lead-ins, etc. Ball and socket design for easy flexing. $\frac{1}{8}$ " hole. String 31 beads per foot.

K16795—
Box 250 Beads..... \$1.47

Coaxial Cable Beads

Cardwell Alsimag Ceramic beads for $\frac{3}{8}$ " O.D. coaxial lines of straight brass tube or soft copper tubing. Center hole for #12 copper wire. 250 beads sufficient for 50 ft. of line.

K16796—Box of 250. \$1.38

Vertical Ultra H.F. Antenna

Three-piece, telescopic heavy wall brass tubing, cadmium plated for all installations. Adjusts from 37" to 99". Insulated locking collars for positive and permanent adjustment. For use as $\frac{1}{4}$ or $\frac{1}{2}$ wave radiators.

K17154—With 5" sturdy stand-off porcelain insulator base. \$1.47
Your Cost.....

K17155—Less base mtg. With drilled attachment on bottom for mounting on transceiver, auto trunk, etc. \$1.18
Your Cost.....

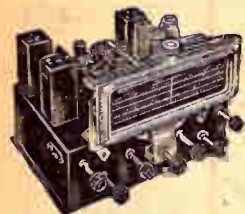
K17156—Less base mtg. With threaded coupler. \$1.18
Your Cost.....



Meissner "BUILD-YOUR-OWN" KITS

ALL KITS ARE COMPLETE--NOTHING ELSE TO BUY!

8-TUBE "Combination" 4-Band Super



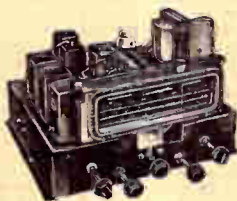
Here is an 8-tube all-wave super you'll be proud to own. Four overlapping bands cover 42.3 mc. to 540 kc. (7.1-565 meters. Incorporates a beat-frequency oscillator for tuning weak S.W. stations or for CW signals. Ferrocart (iron-core) transformers. Air-tuned, multi-wave coil assembly completely wired and aligned; assembled on wave change switch ready for mounting. "Slide-Rule" dial with 9" linear scales, calibrated in four bands. A.V.C. with cutout switch. Has both r.f. gain control and audio volume

control. You need only a screwdriver, pliers and soldering iron. Amazingly simple pictorial and wiring diagrams. Kit contains; wired and aligned coil-assembly; 3-gang tuning condenser; punched and drilled chassis, 9x13x4 1/2"; "Slide-Rule" dial with escutcheon; all controls, condensers, switches, resistors, knobs, wire, solder, hardware and instructions. Tubes required: 2-6K7S, 1-6J7, 1-6L7, 1-6C5, 1-6Q7, 1-6V6, 1-5Y4G.

K10346—Complete kit, less tubes, panel and cabinet. **\$33.80**
Your Cost
K10347—Punched and drilled front panel for above. **\$2.06**
Your Cost
K21134—Black crackle finished steel cabinet for above, 15x10 1/2 x 11 1/2". **Your Cost** **\$4.41**

6-TUBE 6-Volt Battery Supers

Available in broadcast only (530 to 1660 kc.) and broadcast and S.W. models (530-1660 kc., 5.85-18.8 mc.) these supers achieve the ultimate in battery receiver performance. Operate entirely from 6-volt storage battery. Only 4 amperes drain; built-in power supply. Uses 2-6K7, 6A8, 6Q7, 6G6G and 6X5. Kits include chassis, all coils, condensers resistors, hardware, etc., necessary. Sturdy vibrator and power transformer, for power supply. Has Ferrocart (iron-core) i.f. channel. Full vision rectangular dial with 7 1/2" linear scales. These battery sets provide more power, more distance, greater selectivity than ever achieved before.



K10348—Broadcast Kit, only. Less tubes. **\$22.78**
Your Cost
K10349—Front Panel for above. Black crackle-finished steel. **Your Cost** **\$1.09**
K10350—Broadcast and S.W. Kit, only. Less tubes. **\$26.90**
Your Cost
K10351—Front Panel for above. Black crackle-finished steel. **Your Cost** **\$1.09**
K21130—11x14x10" black crackle-finished steel cabinet for both models above. **Your Cost** **\$2.65**

Public Address Tuner



A super-sensitive tuner for real high fidelity reproduction of broadcast programs. Covers 530 to 1600 kc. Employs the time-tried T.R.F. circuit for the ultimate in tone quality. Has dual-audio output channel for monitoring purposes. Absence of oscillators makes this tuner non-interfering regardless of number grouped together. Frequency calibrated 4" dial. Four tuned circuits using iron-core R.F.s. Kit includes: all coils, variable condenser, dial and escutcheon, punched and drilled chassis, power transformer, condensers, resistors, etc., and complete detailed wiring and operating instructions.

Uses 3-6K7s, 1-6H6, 1-6F8G and 1-5Z4 rectifier.
K10352—Complete P.A. Tuner Kit. Less tubes. **\$22.78**
Your Cost
K10353—Front Panel for above. Black crystal finished steel. **Your Cost** **73c**
K10354—Cabinet for above, 8 1/2 x 8 1/2 x 12 1/2". Black crystal finished steel. **Your Cost** **\$2.79**

Phonograph Oscillator

A self-contained unit that permits you to connect a phono pickup to the radio without affecting performance of the set. Disconnects by turning switch. Has its own power supply. Requires only two connections, to antenna and ground post. You may then listen to recordings or regular broadcast programs. Operates on 110 volts a.c. or d.c. Oscillator is supplied complete, except for tubes. Explicit wiring diagrams make assembly and wiring simple. Requires one 6F7 and one 25Z5 tube. Complete phonograph oscillator kit.



K10355—Your Cost **\$6.76**
 In performance the oscillator acts as a miniature broadcast station. This oscillator forms an ideal unit for radios not provided with an auxiliary phonograph jack—eliminating need for temporary or poor connections. You merely tune your radio to the oscillator's frequency just as you would do with a broadcast program. Size: 8 1/4 x 6 1/2 x 2 1/4".

Beginner's All-Wave Kits

Ideal kits for the radio newcomer. Not just assembly of parts, but carefully designed to provide excellent results with a minimum of effort and simplicity of construction. Each kit contains all components necessary, including 3-winding coil for broadcast band. Additional 3-winding coils listed below. Full detailed, step-by-step instructions for wiring and operating are included.



One Tube Kit

A splendid one tube outfit which operates on a single 1 1/2 volt dry cell and small 45 volt "B" battery. Uses a 1C5G tube. Perfect headphone reception. Has special regeneration control in addition to main tuning dial.
K10356—Kit, less tube, batteries, headphones..... **\$2.65**

Two Tube Kit

Similar to one tube kit but with additional tube for more gain and greater distance coverage. Uses 1-1C5G and 1-1H5G. 1 1/2 V. dry cell, 2-45 V. "B" batteries and 1-7 1/2 V. "C" battery required. A powerful signal getter full of real DX thrills.
K10357—Kit, less tubes, batteries, headphones..... **\$2.94**

Three Tube Kit

A really de luxe job that will operate a loudspeaker with good volume. Has volume control to adjust gain when using headphones. Exceptional sensitivity and power. Uses 1-1C5G and 2-1H5Gs. Requires 1-1 1/2 V. dry cell, 2-45 V. "B" batteries, 1-7 1/2 V. "C" battery.
K10358—Kit, less tubes, batteries, speaker. **\$3.68**
Your Cost

Extra Plug-In Coils

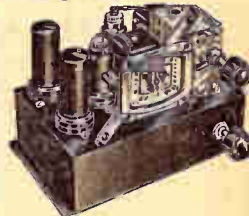
For All Kits
 These splendid little receivers are capable of real all-wave coverage through these additional coils.
K10359—70 to 200 Meters **23c**
K10360—35 to 70 Meters **Each**
K10361—17 to 35 Meters **Each**

Kit Accessories

1-1C5G Tube, 1-1H5G Tube **\$1.15**
Each
K20122—1 1/2 V. "A" Battery **.33**
K20100—45 V. "B" Battery **1.01**
K20114—7 1/2 V. "C" Battery **.48**
K13896—Single Headset **.....66**
K13892—Double Headset **.....97**

4-TUBE AC-DC T.R.F. KIT

A small compact receiver with amazing sensitivity and tone quality may be constructed from this kit. Tunes the broadcast band, 530 to 1600 kc. Operates from any 110 volt line, either AC or DC. Requires 1-6K7, 1-6J7, 1-25A6, 1-25Z6. Complete kit includes all coils, condensers, resistors, controls, hardware, wire, solder, etc., necessary for construction with complete pictorial and schematic diagrams and explicit wiring and operating instructions. Easily assembled in a few hours by anyone.



K10362—Kit as above, less chassis and tubes. **\$7.20**
Your Cost
K10363—Punched and drilled chassis for above, 7x9x2" **\$1.32**

5-TUBE A.C.-D.C. T.R.F. KIT

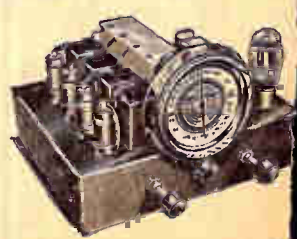


A low-cost, easy-to-build kit with exceptional sensitivity and selectivity. T.R.F. circuit provides fine tone quality. Covers full broadcast band, 530-1600 kc. (187-565 meters). Has two tuned r.f. stages (3 tuned circuits), 3-gang condenser, 4" dial, volume and tone control, pentode output. Requires 2-6K7, 1-6J6, 1-6F6 and 1-5Y4G. Kit includes all coils, condensers, drilled chassis, 7x9x2" resistors, wire, solder, hardware, etc., necessary for construction. Complete pictorial and schematic diagram, full wiring and operating instructions.

K10364—Kit as above, less tubes. **Your Cost** **\$12.64**

6-TUBE "IRON CORE" T.R.F. KIT

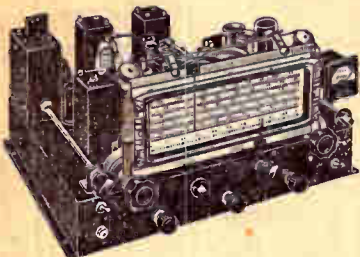
A splendid kit using Ferrocart (iron core) coils in the antenna and r.f. circuits for improved selectivity and gain. Provides performance of a superhet with tone and noiseless reproduction of T.R.F. Covers 187 to 565 meters. Employs 3 r.f. stages. Features full A.V.C., diode second detector circuit, calibrated dial, volume and tone controls. Requires 3-6K7, 1-6Q7, 1-6V6 or 6V6G, 1-5Y4G. Operates on 110 volts, 50/60 cycles a.c. Kit includes all coils, tuning condenser, dial and escutcheon, punched and drilled chassis, resistors, condensers, knobs, hardware, wire, solder, etc. Complete detailed instructions.



K10365—Complete kit as above, less tubes. **Your Cost** **\$19.00**
K10366—Front panel for above. Black, crystal finished steel. Drilled. **Your Cost** **\$2.06**
K21130—Steel cabinet, 11x14x10". Black, crystal finished steel. **Your Cost**

Meissner "BUILD-YOUR-OWN" KITS

14-Tube "Traffic Master" Receiver



- ★ 5 Bands, 9.2-565 Meters
- ★ "Align-Aire" I.F.'s
- ★ Electrical Band Spread
- ★ Pre-Aligned Tuning Unit

This 14-tube communications receiver kit has been especially designed for the advanced amateur. The tuning range is split-up into 5 overlapping bands covering from 9.25 to 565 meters (530 kc. to 32.4 mc.). Outstanding circuit features include: 5-band **FACTORY ALIGNED tuning unit** for r.f., mixer and oscillator; Align-Aire (air tuned) individual coils for each band; fully shielded switch assembly; ceramic insulated 3-gang precision tuning condenser; electrical band spread condensers with separate control; giant rectangular dial with 9" linear scales accurately calibrated on all 5 bands; flywheel tuning on both main and bandspread controls; **mono-unit crystal filter assembly** with phasing control for panel operation; factory assembled crystal plugs into top of unit; **two stages of Ferrocart (iron core) i.f.**; full a.v.c.; beat freq. osc. with panel pitch control for CW signals; **built-in noise silencer circuit (Lamb)**; "R" meter; headphone jack; stand-by switch; 8.5 watts undistorted output.

K21115—Complete kit includes chassis, coils, condensers, resistors, transformer, meter, crystal, hardware, knobs, wire, solder, etc. Instructions (pictorial and schematic) included. Less panel, cabinet, speaker and tubes. For 110 volts, 50-60 cycles a.c. Shpg. wt. 32 lbs. **List \$136.50.**

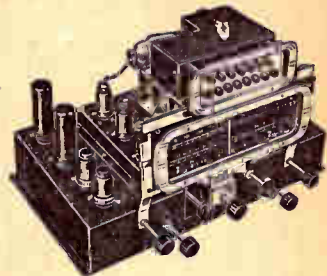
Your Cost **\$80.26**
K21117 Front panel (steel, crackle finish) \$2.35
K21118 Cabinet (steel, black crackle finish) 5.00
 Kit of Raytheon tubes: 1-6K7G, 1-6K8, 1-6J7G, 1-6K7, 1-6J7, 2-6H6, 1-6L7, 1-6C8G, 2-6V6G, 1-5Y4G-2-6C5. **\$10.77**

Completely Assembled Tuning Unit

Tuning unit of above only, completely wired and tested, ready for use. **Just 7 connections to make to feed into any 456 kc. i.f. channel.** Tunes 9.25 to 565 meters in 5 bands. **\$32.63**

K21143—"Traffic Master" Tuning Unit, only

12-Tube High Fidelity Super



- ★ 5 Bands 7.1-2270 Meters
- ★ Push-Button Tuning
- ★ Beam Power Output
- ★ Pre-Aligned Tuning Unit

A superior all-wave receiver to provide maximum reception range and high fidelity output for general home use. Five overlapping tuning bands cover from 7.1 to 2270 meters (132 kc. to 42.3 mc.). Features include: 5-band **factory aligned tuning unit** embodying r.f., mixer and osc. stages; "Align-Aire" individual coils for each band; giant dial with 9" linear scales calibrated on all 5 bands; **AUTOMATIC PUSH-BUTTON CONTROL UNIT** with seven station selectors is permeability tuned—absolutely free from drift; single adjustment for each button; Ferrocart iron core coils in both i.f. stages; p.p. "beam power" output stage affording 15 watts; high fidelity switch; bass and treble controls; audio degeneration; etc.

K21119—Complete kit includes chassis, coils, condensers, resistors, transformers, push-button assembly, sockets, knobs, wire, solder, hardware, etc., and full instructions. Less cabinet, panel, speaker and tubes. For 110 V. a.c. Shpg. wt. 32 lbs. **\$58.50**

List \$99.50. Your Cost **\$52.03**

K21120—Same as above, but with cathode ray tuning "eye" instead of push-button tuning. **List \$88.50.** **Your Cost** **\$2.06**
K21122—Panel for Push-Button Tuning Kit 2.06
K21123—Panel for Tuning "Eye" Kit 2.06
K21145—Cabinet for Push-Button Kit (21 1/2" x 10 1/2" x 11 1/2") 5.00
K21146—Cabinet for Tuning "Eye" Kit (19 1/2" x 10 1/2" x 11 1/2") 4.41
 Kit of Raytheon tubes: 3-6K7, 1-6L7, 1-6J7, 1-6H6, 2-6C5, 2-6L6G, 1-5X4G, and 1-6A7 for "Push-Button" Kit or 1-6G5 for "Tuning Eye" Kit. **\$9.74**

Completely Assembled Tuning Unit

Tuning unit of kits above, only. Completely wired and tested. **Only 7 connections to feed into 456 kc. i.f.** **\$26.75**

K21144—"Super" Tuning Unit only

8-Tube "Traffic Scout" Receiver



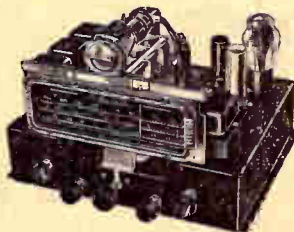
Here is an unbeatable 8-tube, 5-band communications super with electrical band spread. Features: 5-band pre-aligned tuning unit; covers 530 kc.-32.4 mc. in 5 overlapping bands; giant "Slide-Rule" 9" dial; beat frequency oscillator with pitch control; Ferrocart i.f. transformers; 6V6G "beam-power" output; A.V.C.; flywheel tuning; i.f. volume control; headphone jack which automatically disconnects output stage. For 110 volts 60 cycles A.C.

K21131—Complete kit includes: pre-aligned 5-band coil assembly; 3-gang electrical band-spread tuning condenser; resistors, dial, transformers, knobs, wire, hardware, sockets, drilled and punched chassis. Complete pictorial and wiring diagrams; full instructions on assembling, wiring and operating. Less tubes, panel and cabinet. **List \$87.50. Wt. 25 lbs.**

Your Cost **\$51.45**
K17022—Front panel \$2.06
Your Cost **4.41**
K17028—tubes: 1-6K7G, 1-6K8, **Your Cost** **6.03**
K17029—1-6K7, 1-6Q7, 1-**K17029**—6C5, **Your Cost** **6.03**

7-Tube A.C. Tuning "Eye" Supers

Excellently engineered a.c. superhets employing cathode ray tuning "eye" indicators. Features: r.f. mixer and oscillator stages on all bands; 3-gang precision tuning condenser; full-volume dial with 7 1/4" linear scales; vernier tuning; sensitivity control (not on "Broadcast model"); Ferrocart iron-core i.f.; diode 2nd detector; manual volume and tone controls; full A.V.C.; 6V6G Class A output. All kits below contain all parts necessary to construct the receiver, including all coils, tuning condenser, dial, chassis, volume and tone controls, knobs, switches, resistors, condensers, transformers, screws, wire, etc.; less tubes, panel and cabinet. Complete pictorial and schematic diagrams are supplied as well as detailed instructions for assembling and operating.



Broadcast Model

Tunes from 530 to 1660 Kc. Complete kit includes all resistors, condensers, transformers, coils, wire, hardware, chassis and knobs, etc. For 110 V. a.c.

K21124—**List \$34.75**
Your Cost **\$20.43**

Broadcast and Skip

Same as above, but two bands: 530-1660 Kc. (broadcast) and 5.8 to 18.8 mc. (16.2 to 52 meters) covering the most popular short wave bands.

K21125—**List \$38.75**
Your Cost **\$22.78**

K21147—Front panel for "Broadcast" model \$1.09
K21129—Front panel for all other models 1.09
K21130—Cabinet for ALL kits above 2.65

Kit of Raytheon tubes for ALL kits above: 2-6K7, 1-6A8 1-6Q7, 1-6V6G, 1-5Y4G, 1-6G5. **\$5.26**

B'cast, Police and Skip

Three bands: 537-1770 Kc. (broadcast); 1.75 to 5.4 mc. (police); 5.2 to 18.5 mc. (popular short wave). Complete instructions. For 110 V. a.c.

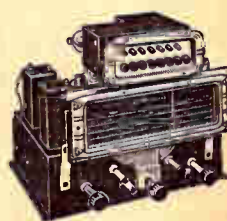
K21126—**List \$41.75**
Your Cost **\$24.54**

B'cast, Long-Wave & Skip

Same as above, but with European broadcast band (135 to 370 Kc.) instead of police band. Detailed instructions furnished.

K21127—**List \$41.75**
Your Cost **\$24.54**

9-Tube 4-Band A.C. Super



An extremely sensitive all-wave receiver covering from 540 kc. to 42.3 mc. (7.1 to 555 meters) in four overlapping bands. Features pre-aligned coil assembly; Align-Aire coils for each band; Automatic Push-Button Tuning with 7 station selector buttons—permeability tuned, absolutely no drift; Ferrocart (iron core) i.f. stage; large full-vision dial; 9-inch linear scales.

K21135—Complete kit of parts, less cabinet, panel, tubes and speaker. Wt. 25 lbs. **\$43.22**

K21136—Same as above, but with tuning "eye" instead of push-button assembly. **\$34.98**

Your Cost **\$34.98**
K21138 Panel. P-B Kit \$1.76
K21139 Panel. "Eye" Kit. 1.76
K21145—Cabinet. P-B Kit. 5.00
K21146—Cabinet. "Eye" Kit. 4.41

Kit of tubes: 2-6K7, 6L7, 6J7, 6F8G, 2-6V6G, 5Y4G and 6A7 for Push-Button or 6G5 for Tuning "Eye" Kit. **\$7.06**

RACKS · PANELS · CABINETS

New! Gray Ripple Finish Steel Panels



Another step forward by Lafayette. Something new—something different. In addition to the black ripple finished steel panels, we now make available for the first time panels finished in commercial ripple slate gray—v-y fb OM. These panels don't collect dust and they don't show finger marks.

You can make your rig look like a "million bucks," whether it's a 5-watter or a kilowatter. All are sturdily constructed of 1/8" steel and there are 12 standard sizes to fill practically every requirement. Note: All other equipment listed on this and the following page (racks, cabinets, speaker cases, etc.) can be supplied in the new commercial ripple slate gray finish, on special order at 15% above listed price. Shipment of all such orders, however, will be subject to a delay.

Stock No.	Width In.	Wt. Lbs.	Your Cost	Stock No.	Width In.	Wt. Lbs.	Your Cost		
K22169	K22118	1 1/2	2	\$0.43	K22163	K22124	12 1/2	12	\$1.16
K22170	K22119	3 1/2	5	.50	K22164	K22125	14	13	1.35
K22171	K22120	5 1/2	7	.62	K22165	K22126	15 1/2	14	1.50
K22160	K22121	7	8	.67	K22166	K22127	17 1/2	16	1.70
K22161	K22122	8 1/2	9	.85	K22167	K22128	19 1/2	18	1.82
K22162	K22123	10 1/2	10	1.00	K22168	K22129	21	17	2.02

Black Ripple Aluminum Panels

For the OM who desires aluminum panels in place of steel, Lafayette has made these units available in black crystalline finish only. All of 1/8" aluminum, 19" wide.

Stock No.	Width In.	Wt. Lbs.	Your Cost	Stock No.	Width In.	Wt. Lbs.	Your Cost
K22200	1 1/2	1	\$0.88	K22206	12 1/2	4	\$3.35
K22201	3 1/2	1	1.23	K22207	15 1/2	5	4.25
K22202	5 1/2	2	1.55	K22208	17 1/2	5	4.55
K22203	7	2	1.85	K22209	19 1/2	6	5.15
K22204	8 1/2	3	2.23	K22210	21	7	6.00
K22205	10 1/2	3	2.85				

Blank Steel Chassis or Sub-Bases

Substantially constructed for heavy duty use. Formed from one piece of 1/8" steel, with all corners and bottoms reinforced. All furnished with bottom cover plates and all mounting screws. Ends are drilled to fit standard mounting brackets (listed below). Black Ripple finish.

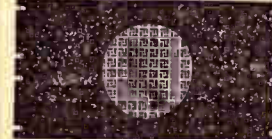


Stock No.	Dimen.	Shpg. Wt.	Your Cost	Stock No.	Dimen.	Shpg. Wt.	Your Cost
K22155	8x17x2"	14 lbs.	\$1.59	K22156	11x17x3"	20 lbs.	\$1.91
K22229	8x17x3"	15 lbs.	1.76	K22230	13x17x2"	21 lbs.	2.06
K22231	11x17x2"	19 lbs.	1.76	K22232	13x17x3"	22 lbs.	2.26

Cadmium Plated Chassis

Stock No.	Dimen.	Shpg. Wt.	Your Cost	Stock No.	Dimen.	Shpg. Wt.	Your Cost
K22109	8x17x2"	14 lbs.	\$1.59	K22111	13x17x2"	21 lbs.	\$2.06
K22110	8x17x3"	15 lbs.	1.76	K22112	13x17x3"	22 lbs.	2.26
K22157	11x17x2 1/2"	18 lbs.	1.85				

Speaker Panels



Constructed of 12-gauge steel finished in durable black ripple finish. Speaker opening covered by a steel grill. Available in four sizes, for 6, 8, 10 or 12" speakers. Mounting holes not included. These panels can be used in separate steel cabinets or as standard relay racks for transmitters.

Stock No.	Panel Size	Hole Size	Shpg. Wt.	List Price	Your Cost
K22237	8" x 19"	4 5/8"	6"	\$2.65	\$1.55
K22238	10" x 19"	6 1/2"	8"	3.15	1.85
K22197	12" x 19"	8 1/2"	10"	4.25	2.45
K22239	14" x 19"	10"	12"	4.75	2.79

General Utility Steel Cabinets

These steel cabinets can be used for a multitude of purposes. They are substantially made of sheet steel, with spot-welded reinforced corners. The tops and bottoms are removable, held in place by self-tapping screws that are furnished. In black ripple.



Stock No.	Dimen. Inches	Shpg. Wt. Lbs.	Your Cost
K22174	5 1/2 x 6 x 5 1/2	3 lbs.	\$0.76
K22175	5 x 9 x 6	5 lbs.	1.12
K22173	8 x 10 x 7	6 lbs.	1.40
K22176	8 x 10 x 10	7 lbs.	1.53
K22177	11 x 12 x 8	9 lbs.	1.90

Meter Panels



Of steel, with ripple black finish. All 5 1/2" high, 19" long.

Stock No.	Holes	Size	Wt. Lbs.	Each
K22222	3	2"	7 lbs.	\$0.97
K22223	5	2"	6 lbs.	1.44
K22224	3	3"	7 lbs.	.97
K22225	5	3"	6 lbs.	1.44

Steel Screws and Washers



These 10/32 oval head screws are available in two lengths. The cup washer, also, 10/32, is designed to match the screw head in appearance. Nickel-plated.

Stock No.	Length	12 For
K14775	1 1/2"	4c
K14776	1 3/4"	6c
K14777	Cup washer	6c

Your Cost for 12..... 6c

Portable Cabinets



Made of sheet steel, reinforced on all edges, securely welded at all joints. Front and back panels removable, held by self-tapping screws that are supplied. Black ripple finish. With carrying handle for portable work.

Stock No.	Dimensions	Shpg. Wt.	Your Cost
K22078	12x7 3/4 x 6 1/2"	9 lbs.	\$1.74
K22079	15x7 3/4 x 8 1/2"	11 lbs.	2.20

Chassis for above, 6 1/2 x 6 1/2 x 1 1/2". Ideal for mounting transceivers, portable test equipments, etc.

K22085—Your Cost..... 29c

Radio Panels For All Uses



Black hard rubber and Bakelite panels, 1/8" thick—odd sizes cut to order at 1 1/4c per square inch. Aluminum and electroalloy panels, 1/16" thick—odd sizes cut to order at 1c per square inch. 75c minimum order.

Size In.	Bakelite		Hard Rubber		Aluminum		Electroalloy	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
7x10	K19600	\$0.79	K19630	\$0.69	K19660	\$0.42	K22310	\$0.40
7x12	K19601	1.00	K19631	.82	K19661	.50	K22311	.45
7x14	K19602	1.15	K19632	.98	K19662	.60	K22312	.53
7x18	K19603	1.40	K19633	1.22	K19664	.80	K22314	.65
7x21	K19604	1.59	K19634	1.42	K19665	.85	K22315	.68
7x24	K19605	1.85	K19635	1.58	K19666	.98	K22316	.79
7x30	K19608	2.25	K19638	1.98			K22317	1.10

Combination Bracket and Panel



These units have many uses in relay rack assemblies. Built of heavy steel, with black ripple finish. Each assembly will take either 2", 2 1/2" or 3" deep chassis. These units will make up a sturdy assembly, and one that will appear professional looking. Chassis are not included: suitable chassis are listed above, at right. These units find extensive use in P.A., laboratory and transmitting applications.

Stock No.	Panel Size	For Chassis	Shpg. Wt.	List Price	Your Cost
K22235	8 1/2 x 19"	8x17"	12 lbs.	\$2.65	\$1.55
K22234	8 1/2 x 19"	11x17"	14 lbs.	3.15	1.85
K22236	12 1/2 x 19"	13x17"	16 lbs.	4.00	2.35

Angle Brackets With Tapped Holes



Heavy gauge steel, cadmium plated. One 8-32 tapped hole, one 5-32 plain hole. For chassis, cabinets, etc.

Stock No.	Size	10 For	Each
K14909	1 1/2 x 1 1/2"	16c	2c
K14910	1 1/2 x 2 1/2"	16c	2c
K14911	1 1/2 x 3 1/2"	23c	3c

1/16" Steel Mounting Brackets



Black ripple finish. Panels must be at least 7" high. Mounting holes drilled.

Stock No.	Size For Base	Your Cost Per Pair
K15271	8"	\$0.59
K15272	11"	.82
K15269	13"	1.03

Blank Chassis

Tem-plate is steel lead plated. Electroalloy is a non-magnetic zinc alloy. All have reinforced spot-welded corners.



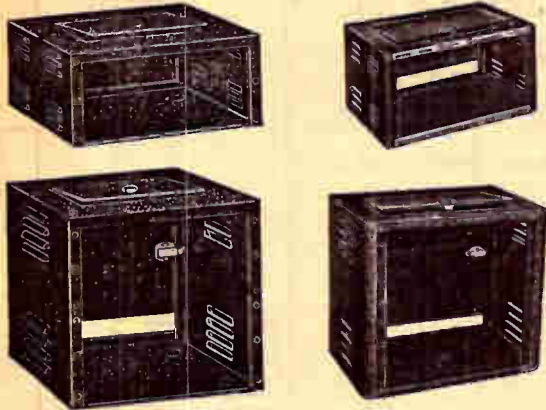
Tem-plate Blank Chassis				
No.	L.W.H.	Wt.	Each	
K22325	7x 9x2	3 lbs.	\$0.40	
K22326	7x11x2	3 lbs.	.45	
K22327	7x13x2	4 lbs.	.50	
K22328	10x12x3	5 lbs.	.54	
K22329	10x17x3	6 lbs.	.75	
K22330	10x23x3	7 lbs.	.85	

Electroalloy Blank Chassis				
No.	Wt.	Each		
K22331	7x 9x2	3 lbs.	.76	
K22332	7x11x2	3 lbs.	.93	
K22333	7x13x2	4 lbs.	1.05	
K22334	10x12x3	5 lbs.	1.12	
K22335	10x17x3	6 lbs.	1.45	
K22336	10x23x3	7 lbs.	1.69	

Cadmium Plated Steel Chassis				
No.	Wt.	Each		
K12807	7x 7x2	3 lbs.	.53	
K12812	10x12x3	3 1/2 lbs.	.68	
K12808	10x14x3	4 lbs.	.89	
K12810	10x17x3	5 lbs.	.85	
K12811	10x23x3	6 lbs.	1.08	
K12809	12x 6x2 1/2	6 lbs.	.65	

RACKS · PANELS · CABINETS

STEEL CABINETS FOR RACK PANELS



Standard Models

Constructed of $\frac{1}{8}$ " steel, with black ripple finish. Take standard 19" rack panels. Rigid spot-welded joints; ventilation louvres; latch covers. All models take 13" chassis.

K22194—Cabinet for single $8\frac{3}{4}$ "x19" panel. Door in top. $8\frac{3}{4}$ " high, 13" deep. Wt. 20 lbs. **Your Cost.....\$4.75**

K22003—Cabinet for single $10\frac{1}{2}$ "x19" panel. Door in top. $10\frac{1}{2}$ " high, 13" deep. Wt. 22 lbs. **Your Cost.....\$6.24**

K22193—Cabinet for two $8\frac{3}{4}$ "x19" panels. Top and rear doors. 17" high, 13" deep. Shpg. wt. 34 lbs. **Your Cost.....\$8.50**

K22192—Cabinet for three $8\frac{3}{4}$ "x19" panels. Door on rear panel. 26" high, 13" deep. Shpg. wt. 42 lbs. **Your Cost.....\$9.50**

K22190—Cabinet for four $8\frac{3}{4}$ "x19" panels. Door on rear panel. 35" high, 13" deep. Shpg. wt. 50 lbs. **Your Cost.....\$10.70**

De Luxe Models

Of $\frac{1}{8}$ " cold-rolled steel; rigid electrically welded joints. Rounded front corners, chrome trim; ventilation louvres, latch covers. For 13" chassis. Black ripple finish.

K22188—Cabinet for single $8\frac{3}{4}$ "x19" panel. Door in top. $10\frac{1}{2}$ "x20" high, 13" deep. Wt. 22 lbs. **Your Cost.....\$7.75**

K22189—Cabinet for single $10\frac{1}{2}$ "x19" panel. Door in top. $12\frac{1}{2}$ "x20" high, 13" deep. Wt. 24 lbs. **Your Cost.....\$9.10**

K22191—Cabinet for two $8\frac{3}{4}$ "x19" panels. Top and rear doors. 19" high, 13" deep. Wt. 37 lbs. **Your Cost.....\$12.35**

K22198—Cabinet for three $8\frac{3}{4}$ "x19" panels. Door on rear panel. 28" high, 13" deep. Wt. 46 lbs. **Your Cost.....\$13.23**

K22199—Cabinet for four $8\frac{3}{4}$ "x19" panels. Door on rear panel. 36" high, 13" deep. Wt. 56 lbs. **Your Cost.....\$16.15**

Amplifier Chassis and Screen Covers

De Luxe Models

Beautiful modernistic chassis and screen covers that will greatly enhance the appearance of any amplifier. Chassis are stamped from one piece of cold rolled steel, with reinforced edges and securely spot-welded corners. Streamlined cover with rounded corners. Top of cover has polished red stripe moulding. Attractive red stripe polished handles. Slate grey cover with black chassis.



Stock No.	Chassis Size	Depth Cover	Shpg. Wt.	Your Cost
K22183	5x10x3"	5 $\frac{1}{2}$ "	9 lbs.	\$2.45
K22184	6x14x3"	5 $\frac{1}{2}$ "	10 lbs.	2.90
K22185	7x17x3"	5 $\frac{1}{2}$ "	11 lbs.	3.35
K22186	10x12x3"	5 $\frac{1}{2}$ "	11 lbs.	3.35
K22187	10x17x3"	5 $\frac{1}{2}$ "	13 lbs.	3.95

Standard Model



Professional type chassis bases and screen covers. Chassis are stamped from one piece of cold rolled steel, with reinforced edges and spot-welded corners, similar to those on the finest commercial P.A. amplifiers. Chassis and covers are finished in baked black ripple enamel. Chassis have no bottom plates but are drilled for same. Will give long hard usage.

Stock No.	Chassis Size	Depth Cover	Shpg. Wt.	Your Cost
K22104	5x10x3"	5 $\frac{1}{2}$ "	9 lbs.	\$1.45
K22105	6x14x3"	5 $\frac{1}{2}$ "	10 lbs.	1.75
K22106	7x17x3"	5 $\frac{1}{2}$ "	11 lbs.	2.15
K22107	10x12x3"	5 $\frac{1}{2}$ "	11 lbs.	2.15
K22108	10x17x3"	5 $\frac{1}{2}$ "	13 lbs.	2.60

Speaker Cabinets



Completely enclosed sheet steel, removable back. Welded grille. De Luxe models have red striped mouldings, chrome handle; slate grey finish. Standard models finished in black ripple. De Luxe models are one inch higher and wider.



Size Ins.	For Speaker	Wt. Lbs.	Standard Model	Your Cost	De Luxe Model	Your Cost
9x9x6	6"	8	K22243	\$2.20	K22245	\$3.35
11x11x7	8"	9	K22244	2.70	K22246	4.10
13x13x8	10"	15	K22195	3.82	K22247	5.55
15x15x8	12"	20	K22196	5.14	K22248	7.15

Table Mounting Relay Racks

Excellent for use where floor type rack is not required. Mounting holes accurately drilled on $\frac{1}{8}$ " centers, tapped for 10-32 screws. Black ripple finish. Shipped knocked-down, with all necessary hardware included.

K22102—Table rack 25" high, 20" wide, 12" deep. Panel space 21x19". Shpg. wt. 33 lbs. **List Price \$6.50. Your Cost.....\$3.82**

K22103—Table rack 32" high, 20" wide, 12" deep. Panel space 28x19". Shpg. wt. 36 lbs. **List Price \$8.50. Your Cost.....\$5.00**



Hinged Steel Cabinets

Steel utility cabinets, piano-hinged top door. Vents on side and top. Black ripple finish. Heavy gauge steel. Shipped knocked-down, with hardware. Shpg. wts., in order, 7, 8, 10, 13, 15 lbs.

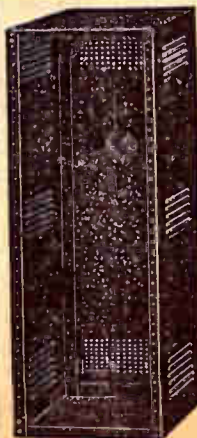
Stock No.	H. L. D.	Chassis	Your Cost
K22113	7x8x8"	7x7x2"	\$1.76
K22114	7x10x8"	7x9x2"	1.85
K22115	7x14x8"	7x13x2"	2.35
K22116	9x15x11"	10x14x3"	2.94
K22117	12x18x11"	10x17x3"	3.53



Standard Type Relay Racks

Constructed of $\frac{1}{8}$ " steel, with spot welded corners. Finished in black ripple finish. Racks are for use with standard 19" long panels, and are drilled for mounting holes every $1\frac{3}{4}$ ". Base, 16" deep, 20" wide. 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. All sizes shown are overall dimensions.

Stock No.	Height	Shpg. Wt.	Your Cost
K22150	73 $\frac{1}{4}$ "	60	\$10.70
K22151	38 $\frac{1}{2}$ "	30	8.70



Enclosed Relay Racks

Heavy gauge steel. In black ripple finish. Holes drilled for standard 19" panels every $1\frac{3}{4}$ ". 10-32 thread holes. Screen perforations in back and side, louvres provide good ventilation. Both sizes measure 21" wide and 16 $\frac{1}{2}$ " deep; but No. K22153 is 66 $\frac{1}{2}$ " high and No. K22154 is 42". Shipped knocked-down, with all nuts, bolts, washers. All sizes given are overall dimensions.

Stock No.	Shpg. Wt.	Your Cost
K22153	120	\$25.95
K22154	75	18.95

De Luxe Enclosed Racks

Handsome streamlined racks for P.A. systems or ham transmitters. Rounded front corners and stainless steel moulding trimming top and bottom. Heavy gauge steel finished in black ripple enamel. Slate grey ripple enamel optional at same price. Panel width 19". Both models 22 $\frac{1}{2}$ " wide, 16 $\frac{1}{2}$ " deep. Hinged back provided with two sturdy plated catches. Ample ventilation. Shipped knocked-down with all hardware. **K22145**—42" high, 36" panel space. Wt. 85 lbs. **Your Cost.....\$24.70**

K22146—66 $\frac{1}{2}$ " high, 61 $\frac{1}{2}$ " panel space. Wt. 130 lbs. **Your Cost.....\$31.50**



SHORT-WAVE COILS and FORMS

Crystal Filter

- Complete -



A complete 456 kc. crystal filter in one shield can. Contains pair matched transf., air-tuned phasing condenser and "off" switch, coupling condensers—all wired and

adjusted and ready for installation in any ham set to improve selectivity. Dim: $4\frac{1}{2} \times 3\frac{1}{2} \times 2\frac{1}{4}$ " W. With crystal and Instructions. Wt. 2 lbs. **K10097—**
Your Cost..... **\$13.23**

MEISSNER I.F. UNITS FOR NOISE SILENCERS

For Lamb Noise Silencer. Ct. secondary. Single, top tuned. In black crystal finished shield can. Air Tuned— $2 \times 2 \times 4\frac{1}{2}$ "; Mica Tuned— $1\frac{1}{2} \times 1\frac{1}{2} \times 3\frac{1}{2}$ ". Color-coded leads; with full instructions.

Air-Tuned	Freq. Kc.	Mica Tuned
K10204	456	K10206
K10205	3000	K10207

Air Tuned **\$2.20** Mica Tuned **\$1.03**
Each.. Each..

Available in 175, 262, 370 and 1500 kc. on order. Same price.

Beat Frequency Oscillator

In black crystal finished shield can, Mica Tuned $1\frac{1}{2} \times 1\frac{1}{2} \times 3\frac{1}{2}$ "; Air Tuned $2 \times 2 \times 4\frac{1}{2}$ ". Bakelite knob for pitch adjustment. Lug terminals protrude from Bakelite base with stamped designations. Spade bolt mounting. For all superhets.



Air-Tuned	Freq. Kc.	Mica Tuned
K10169	456	K10171
K10157	1500	K10163
K10170	3000	K10172

Air Tuned **\$2.20** Mica Tuned **\$1.03**
Each.. Each..

Available in 175, 262, 370 kc. on order. Same prices.

BRUSH Transfilter



A new, efficient electro-mechanical filter transformer of high selectivity for superhet receivers. Described in "QST" for April, 1937. Can be used in any superhet whose i.f. amplifier tunes to 456 kc. Enclosed in a metal

shield with octal base for standard octal tube socket. List price **\$10.00**. **K13920—Type A**
Your Cost..... **\$5.88**

5-Meter Superregenerative Coil

For use as low frequency oscillator in five meter superregenerative receivers.



K14321—
Your Cost Each..... **\$49c**

Bud H.F. X'Mitting R.F. Choke

$\frac{1}{4}$ " Isolantite core. 2.5 ma., 16 ohms resistance, carries 250 ma. continuous, capacitance 2 mmfd.



K10124—Your Cost..... **\$50c**

Trustest Bakelite Plug-In Coil Kits



Space wound on molded Bakelite forms $1\frac{1}{4}$ " in diameter and $2\frac{1}{4}$ " high. Have rims for easy handling. Tune with .00014 mfd. condenser. **Band-Spread Coils** have adjustable band setting condenser on top of each coil and fit any standard 5-prong socket.

4-PRONGS—2 WINDINGS
K10040—Kit of 4 coils covering 16-217 meters. List \$1.65
Your Cost..... **85c**
K10041—Broadcast coils. Two coils, 190-550 meters. 65c
Your Cost..... **35c**
K10039—Ultra a.w. coil. 10 to 27 meters. List 65c
Your Cost..... **35c**

6-PRONGS—3 WINDINGS
K10042—Kit of 4 coils covering 16-217 meters. \$1.35
Your Cost..... **85c**
K10043—Broadcast coils. Two coils, 190-550 meters. 85c
Your Cost..... **38c**
K10044—Ultra a.w. coil. 10 to 27 meters. List 75c
Your Cost..... **38c**

BAND SPREAD COILS

Stock No.	Band Meters	Stock No.	Band Meters
K9973	19	K9977	40
K9974	20	K9978	49
K9975	25	K9979	80
K9976	31	K9980	160

Your Cost Each, Any Type..... **45c**
4 coils assorted..... **\$1.70**

PLUG-IN COIL FORMS

Blank Bakelite forms only.
Stock No. of Prongs Your Cost Each

K10060	4	10c
K10061	5	
K10062	6	

Transmitting Chokes



Tapered 6 section winding on a ceramic dowel. Metal mounting brackets. Distributed capacitance 1 mmfd. D.C. resistance is 5 ohms for the first and 12.5 ohms for smaller units.

used capacitance 1 mmfd. D.C. resistance is 5 ohms for the first and 12.5 ohms for smaller units.

Stock No.	Milli-henrys	Cap. Ma.	Your Cost
K10234	2.8	1000	88c
K10235	5.5	500	
K10229	5.9	200	

Tube Base Short-Wave Coils

Wound on Bakelite tube bases with 4 prongs; fit standard sockets. Highly efficient on all waves from 16 to 225 meters. Tunes with either .00014 or .00015 mfd., condenser. Wound with enameled wire and impregnated to avoid loosening. These coils are highly efficient in spite of their unusually small size.



K9981—Set of four coils
Your Cost, Special..... **49c**

Bakelite Ribbed Plug-In Coil Kit



On ribbed, natural color Bakelite forms. Space windings. Wave-range printed on card on each coil. For .00015 mfd. tuning. Windings comprise tickler and grid input.

4-PRONGS—2 WINDINGS
Set of four 4-prong coils cover 15 to 200 meters. **\$1.18**
K9982—Your Cost.....

Two coils to cover broadcasting 185-565 meters. **94c**
K9983—Your Cost.....
Ultra short-wave 4-prong coil, 9.5-21 meters. **45c**
K9984—Your Cost.....

Ribbed Bakelite Forms

Unwound coil form as used in above kit. Of molded Bakelite $2\frac{1}{2}$ " high, $1\frac{1}{4}$ " in diameter. Provided with rimmed tops.

Stock No.	Prongs	Your Cost
K9988	4	12c
K9989	5	
K9990	6	

B & W Link-Type Air Inductors

All coils (except Bs) are center-tapped. "HDL" series are for heavy duty. "B" for oscillator and buffer-doubler stages up to 50 watts; "T" for high-power neutralized buffer and final tanks up to 500 watts. Type number gives wave band. Each coil has banana plugs and 2-turn link. Steatite plug bar. Rigid construction.



Steatite Jack Bars with Jacks
K10322—For "T" coils Your Cost \$1.25
K10323—For "B" coils " " .85
K10324—For "HD" coils " " 1.75

Stock No.	Type No.	Cap. Mmfd.	Wire Size	Diam. Ins.	Mount. Ins.	Micro-henry	Your Cost
K10308	160HDL	90	10	5	$7\frac{1}{2}$	94.0	\$6.25
K10309	80HDL	50	10	$3\frac{1}{2}$	$7\frac{1}{2}$	40.0	5.50
K10310	40HDL	35	8	$3\frac{1}{2}$	$7\frac{1}{2}$	15.0	5.00
K10311	20HDL	29	8	3	$7\frac{1}{2}$	4.2	4.75
K10312	160BL	110	18	$2\frac{1}{2}$	$3\frac{1}{2}$	78	2.50
K10313	80BL	52	16	$2\frac{1}{2}$	$3\frac{1}{2}$	39	2.30
K10314	40BL	43	14	2	$3\frac{1}{2}$	12	2.05
K10315	20BL	40	14	2	$3\frac{1}{2}$	3	1.80
K10316	10BL	28	12	2	$3\frac{1}{2}$	1.1	1.75
K10317	160TL	115	12	5	6	74	2.85
K10318	80TL	60	12	$3\frac{1}{2}$	5	35	2.65
K10319	40TL	38	12	$2\frac{1}{2}$	5	13.5	2.40
K10320	20TL	30	12	$2\frac{1}{2}$	5	4.3	2.15
K10321	10TL	25	12	2	5	1.3	2.10

OHMITE R.F. Plate Chokes



Solenoid chokes designed to cover all main radio amateur bands, to avoid fundamental or harmonic resonations in these bands. Single layer winding on ceramic tube, moisture-proofed; all 1000 ma. D.C. current rating; non-magnetic mtg. brackets; will not break down on high R.F. potentials. 5 meter choke without bracket but with pigtail.

Stock No.	Band Meters	Mic. Hys. L.	Dimens. Dia.	Your Cost
K10079	5	5.4	$1\frac{1}{2} \times 1\frac{1}{2}$ "	15c
K10080	10 & 20	35	$3 \times 1\frac{1}{2}$ "	43c
K10081	20 & 40	95	$6 \times 1\frac{1}{2}$ "	65c
K10082	20 to 160	220	$6\frac{1}{2} \times 1\frac{1}{2}$ "	88c

R.C.A. WAVE-TRAP

Eliminates or greatly reduces annoying howls, squeals, blasting, cross-talk, etc. Tunes from 435 to 1700 kc.



Simple to install on any receiver. In metal shield can with mounting flanges.

K9067—List \$2.65
Your Cost..... **\$1.59**

GIANT COIL FORMS

Of special low-loss dielectric, amber, ribbed for air-spaced winding. Have knurled flange for easy handling, and groove for wave-band index. $2\frac{1}{4}$ " in diameter, $3\frac{1}{2}$ " high, $3\frac{1}{4}$ " winding space; eight ribs. Fit standard sockets.



RIBBED FORMS

Stock No.	Prongs	Each
K14385	4	38c
K14386	5	41c
K14387	6	44c

RIBBED GROOVED FORMS

K14080	4	53c
K14081	5	56c
K14082	6	59c

SPECIAL 7-PRONG FORM

$2\frac{1}{4} \times 4$ " high. Fits 7-prong small socket. Molded of Ceramic, Ribbed with holes.
K14083—Each..... **59c**

MEDIUM COIL FORMS

As above, but undrilled and $1\frac{1}{2}$ " diameter, $2\frac{1}{2}$ " high. Bakelite.
K9630—4-Prong
K9631—5-Prong Each.. **17c**
K9632—6-Prong

YAXLEY "Ham-Band" Switches

Designed especially for transmitter band switching. Employs low-loss impregnated ceramic insulation; wide contact spacing; improved heavy silver-plated contacts. Can be mounted in any position, and all are rated for transmitters employing up to 1000 W.D.C. with power up to 100 W. All have 4 contacts or points per circuit, and are supplied with pointer knob, nut and lockwasher and circuit data sheet.



Stock No.	No. Gangs	Number Circuits	Your Cost
K6642	1	1	\$1.00
K6643	2	2	1.59
K6644	3	3	2.29
K6645	4	4	2.88
K6646	5	5	3.59

Super-Het & T.R.F. COILS



SHIELDED LITZ WOUND R.F. AND ANTENNA COILS

COVERS 175 TO 550 METERS
Will service over 90% of the receivers on the market. Have high-impedance primaries for screen-grid tubes, and Litz-wound secondaries. Completely shielded in round aluminum cans

1 1/4" diameter, 2 1/4" high. Wound for .000865 mfd. condensers. With diagrams. Two 6-32 spade bolts for mounting. Are of the high-gain, bank wound type—the most efficient coil design.

K10077—Antenna Coil **31¢**
K10085—R.F. Coil. Your Cost, Either Type.....

5-TUBE KIT

K10073—Comprises one antenna and two r.f. coils with complete instructions and diagrams for a 5-tube receiver. **89¢**
Your Cost

4-TUBE KIT

K10071—Comprises one antenna and one r.f. coil with complete instructions and diagrams for a 4-tube receiver. **60¢**
Your Cost

Shielded R.F. Coils

These high gain coils are matched to each other to insure maximum efficiency in aluminum can 2 1/2 x 2 3/4" high with threaded spade lugs. Tune with .000365 mfd. condensers. Enamel wound secondary.

K10019—Antenna coil only. **26¢**
K10020—R.F. coil only.

Either Type, Your Cost Each **52¢**
FOUR-TUBE KIT—Set of one antenna and one r.f. coil. **52¢**
K10092—Your Cost Per Set

FIVE-TUBE KIT—Set of two r.f. and one antenna coil. **78¢**
K10087—Your Cost Per Set

Litz-Wound AC-DC Coils



175-550 Meters
Matched high-gain coils furnished unshielded for use in r.f. receivers. High impedance primaries with 4-bank Litz-wound secondary

ries. 2 1/4" long, 1 1/2" diameter. Tunes with .000365 mfd., condenser. Furnished with mounting brackets and diagrams.

K10012—Antenna coil. **29¢**
K10095—R.F. Coil. **56¢**
Your Cost Each
K10096—Kit of 2
Your Cost

Jr. Trimmers

Ceramic base; adjustable from either side; uses finest mica; mounts anywhere.



Stock No.	Range Mmfd.	No. Plates	Your Cost
K9767	10-70	2	15¢
K9768	30-160	3	16¢
K9769	60-300	4	22¢
K9770	120-475	5	29¢
K9779	550-1125	7	30¢

MEISSNER Manual

120 pages of invaluable information, theoretical and technical Graphs, charts, pictorial and schematic diagrams. Data on 17 new Meissner kits. **48¢**
K19978—Your Cost

PENTAGRID OSCILLATOR COIL

Unshielded type made for use with .000365 mfd. condenser; thoroughly impregnated. Shielded type is 1 1/4" high, 1 1/2" diam. Tunes with .000365 mfd. condenser. These coils can be used with any i.f. transformers and any r.f. and antenna coils. Padder condensers not supplied with coils.



No.	Freq. KC.	Padder Mmfd.	No. Unshielded	Your Cost
K10029	175	900	1	56¢
K10031	456	350	1	38¢

Each for above. **30¢**
K9779—900 mmmf. **29¢**
K9770—350 mmmf. **29¢**

MEISSNER Midget Ant. and R.F. Coils

Special built for compact T.R.F., superhet and auto radios. Same overall gain as large coils. 4-bank Litz wire windings, high impedance primaries. Covers 190 to 550 meters with 365 mmmf. condenser. Shield can size: 1 1/2 x 1 3/4 x 2". **82¢** each
K10046—Ant. Coil
K10047—R.F. Coil



Trutest HIGH GAIN I.F. UNITS

Highly efficient design for use where space is limited. Employs two-in-one trimmer on Ceramic base, adjustable from top of shield can. All leads are RMA color-coded for ease of installation. Size of aluminum shield can is 1 1/2 x 1 1/2 x 3 1/2"; threaded lug mounting. Two springs hold the entire assembly in the shield, thus facilitating easy removal for rapid servicing. Black crackle finished case. Diagram furnished. Primary and secondary windings are single pi-wound. **Double tuned Ceramic trimmers. Note the wide ranges.**



Stock No.	Freq. Kc.	Range Kc.	Set Position	Your Cost Each
K10021	175	121-235	Input	69¢
K10015	175	121-235	Interstage	
K10016	175	121-235	Output	
K10017	262	220-360	Input	
K10018	262	215-440	Interstage	
K10025	262	190-325	Output	
K10022	456	425-650	Input	
K10027	456	435-1000	Interstage	
K10034	456	425-650	Output C.T.	
K10024	456	255-550	Output C.T.	
K9913	1500	1050-2000	Input	10 for \$6.50
K9914	1500	1050-2000	Interstage	
K9915	1500	1050-2000	Output	
K10049	3000	1800-3750	1st or 2nd	69¢
K10050	3000	2000-4000	Output	

MEISSNER Iron-Core Transformers



Uses new Ferrocort core which improves selectivity, doubles gain, increases signals and lowers set noise. Core of fine particles of pure soft iron insulated from each other. Have ceramic top tuning double trimmers. Leads are RMA color-coded. Aluminum shield can measures 1 1/2 x 1 1/2 x 3 1/2". Black crackle finish.

Stock No.	Freq. Kc.	Set Position	Your Cost Per Unit, Any Type.....
K9690	175	Input	\$1.18
K9697	175	Interstage	
K9688	175	Output	
K9689	456	Input	
K9698	456	Interstage	
K9687	456	Output	
K9753	1500	Input	
K9754	1500	Interstage	
K9755	1500	Output	

Your Cost Per Unit, Any Type..... **\$1.18**

MEISSNER Air-Tuned Iron Core I.F.'s

Use a new air-tuned condenser—permits 3600° of micrometer adjustment easily and accurately. Not affected by dust, shock, changes in temperature or humidity; adjustable from top of can. Coil performance improved through use of a special low-loss coil compound. "Bus-Bar" construction eliminates use of lead spacers. **Iron Core.** Size: 5x2x2".



Stock No.	Peak Kc.	Type	Freq. Range	Your Cost Each
K10261	175	Input	155	\$2.94
K10262	175	Inter	to	
K10263	175	Outp.	195	
K10264	456	Input	415	
K10265	456	Inter	to	
K10266	456	Outp.	540	
K10267	456	Outp. CCT	540	
K10153	1500	Input	1325	
K10154	1500	Inter	to	
K10155	1500	Outp.	1750	
K10156	3000	Input	2500	
K10157	3000	Inter	to	
K10158	3000	Outp.	3300	

Any Type Above, Your Cost Each.... **\$2.94**

TRUTEST Iron Core Ant. and R.F. Coils

The latest HiQ (Iron-core) material adds gain and increases selectivity of r.f. transformers by improving "Q" of windings. The high impedance primary Antenna Coil can be used with any type Aerial. Heavy alloy shield cans: 1 1/2 x 1 1/2 x 2 1/4". Designed to cover broadcast band (540 to 1600 kc.) with a 365 mmmf. condenser. For all types of tubes. Spade lug mounting centers 1 1/4". **88¢**



TRUTEST Dual Band Coils

Exceptionally efficient two-band coils for Broadcast and Short-Wave bands. Both bands wound on same bakelite form. Two mica-dielectric trimmers mounted in cans of shielded coils. For use with 365 mmmf. condenser and 456 kc. i.f. channel. Can size: 1 1/2 x 1 1/2 x 3". Cover 530 to 1660 kc. and 5.8 to 19 mc. **97¢**
Stock No. Type Unshielded
K10276 Ant. **K10256**
K10278 R.F. (Det.) **K10257**
K10260 R.F. (Inter) Low **K10258**



Shielded Each **97¢**
Unshielded Each **67¢**

Three-Band Coils

Similar in design and construction to Dual Band Coils above, but cover three bands. All types are in shield cans 1 1/2 x 1 1/2 x 4" and are designed for use with 456 kc. i.f.s. **\$1.47**



B'Cast-Police and S.W.

Covers 16.2 to 555 meters with a 365 mmmf. condenser. **\$1.47**

B'Cast-Long & Short-Wave

Covers 16.2 to 555 meters with a 365 mmmf. condenser. **\$1.47**



MEISSNER Multi-Wave Coil Assembly

All-wave coil assemblies that meet all modern requirements. Each assembly contains all coils, range switch, shunt trimmers, series padders, A.V.C. by-pass condensers and necessary shielding.

For Use With 410 Mmmf. Condenser

K9992—5 BAND ASSEMBLY—14.7 mc.—405 kc. (7.1 to 2270 meters) in 5 bands. **Your Cost \$13.82**
K9993—4 BAND ASSEMBLY—14.7 mc.—1800 kc. (7.1 to 565 meters in 4 bands. **Your Cost \$11.46**

For Use With 280 Mmmf. Condenser

K9994—5 BAND ASSEMBLY—11.2 mc.—1575 kc. (9.25 to 565 meters in 5 bands. **Your Cost \$13.82**
K9995—4 BAND ASSEMBLY—11.2 mc.—4.6 mc. (9.25 to 198 meters in 4 bands. **Your Cost \$11.46**
Special 3-gang 280 mmmf. variable condenser with electrical band spread and ceramic insulation. **\$4.41**
K9996—Your Cost

REPLACEMENT I.F. Coils and R.F. Chokes

MAJESTIC I. F. COILS ONLY



Exact duplicate replacement i.f. coils for Majestic receivers. All accurately wound on treated paper tubing and thoroughly impregnated. Coils are supplied less cans and trimmers. Receiver must be realigned after new coils are installed.

Stock No.	Maj. No.	Model and Stage	Your Cost
K8440	4428	15, 15B, 150 (I.F.-Osc.)	\$0.31
K8441	8384	15, 15B, 150 (2nd)	.37
K8443	5326	25 (1st)	.37
K8444	5327	25 (2nd)	.48
K8445	5601	25B (1st)	.48
K8446	5602	25B (2nd)	.37
K8447	6506	55 (1st)	.37
K8448	10589	66 (1st)	.37
K8449	10591	66 (2nd)	.37
K8354	9355	116 (1st)	.37
K8450	9361	116 (2nd)	.37
K8451	6250	200 (1st)	.37
K8452	6254	200 (2nd)	.48
K8453	6119	210 (1st)	.37
K8454	6123	210 (2nd)	.37
K8455	6127	210 (3rd)	.37
K8355	7205	290, 300 (1st)	.37
K8356	7230	290, 300 (2nd)	.48
K8456	7821	310A, 310B, 330, 390 (1st)	.37
K8457	7812	310A, 310B, 330, 390 (2nd)	.42
K8458	9094	360 (2nd)	.37
K8459	9669	400 (1st)	.37
K8460	10149	460 (1st)	.37
K2452	10253	460 (2nd)	.45
K2452	11014	800 (1st)	.45
K8462	10843	500 (2nd)	.37
K8463	Part No. 7187. Primary coil used in models 290, 300, 310, 330, 460, 520, 800.		
Your Cost			37c

EXACT DUPLICATE REPLACEMENT TRANSFORMERS



Exact duplicate replacement intermediate frequency transformers for standard radio receivers. All complete in shield cans, with trimmers. No changes necessary to install. Made of high quality material—will give lasting, satisfactory service. All transformers are identical in every electrical and physical aspect with the original which it is intended to replace and will provide the same degree of performance as the original part.

Stock No.	Make and Model	Stage Output	Mfrs. No.	Your Cost
K2493	Apex 24	I.F.-Osc.	C119	1.70
K2450	Apex 7A, 99	I.F.-Osc.	G1373	1.45
K2457	Apex 99 (Preselector), Less shield.	Pre.		.85
K2459	Airline 62-89, Less shield.	3rd		.88
K2460	Airline 62-93	1st		.73
K2461	Atwater-Kent 55	Ant.		1.32
K2495	Belmont 50C, 51C	I.F.-Osc.	C119	1.45
K2463	Clarion 100	1st I.F.-Osc.	G1373	1.45
K2465	Clarion 100 (coil only)	2nd	P4045	.65
K2501	Clarion 280 (coil only)	2nd	G1494	.52
K2502	Clarion 320	2nd	G1620	.88
K2507	Clarion 260 (coil only)	1st	G1415	.52
K2511	Clarion 280	2nd	G1494	.95
K2479	Crosley 122, 123, 124, 125, 126	1st	22603	1.03
K2512	Crosley 27	R.F.	22678	.57
K2472	Crosley 122, 123, 124, 125, 126 (untuned)	2nd		.57
K2489	Majestic 15, 15B, 150	2nd	4429	.79
K2491	Majestic 15, 15B, 150	I.F.-Osc.	4428	1.45
K2496	Majestic 20	1st	3908	1.45
K2497	Majestic 20	2nd	8960	1.69
K2303	Majestic 25	1st	5926	.95
K2304	Majestic 25	2nd	5337	.95
K2317	Majestic 55	I.F.-Osc.	6506	1.45
K2498	Majestic 60	1st	4439	1.59
K2499	Majestic 60	2nd	4287	1.59
K2324	Majestic 200	1st	6250	1.06
K2325	Majestic 200	2nd	6254	1.06
K2415	Majestic 310A	1st	7821	.81
K2451	Majestic 460	1st	10149	.81
K10221	Majestic 500	1st	10843	1.25
K10222	Majestic 500	3rd	10852	2.24
K2415	Majestic 800	1st	8995	.81
K2513	Philco 38, 38A	1st	32-1251	.40
K2417	Philco 38, 38A	2nd	32-1252	.40
K2580*	RCA-Victor 80, 82, 86	1st	8567	1.26
K2581*	RCA-Victor 80, 82, 86	2nd	8565	1.26
K2582*	RCA-Victor 80, 82, 86	3rd	8566	1.26
K2418	Silvertone 4, 5, 6, 7, 7043 (coil only)	1st		.57
K2419	Stewart-Warner R123 (coil only)	2nd	89958	.57
K2420	Stewart-Warner R-110 (broadcast)	1st Det.	83025	.57

NOTE: All units are I. F. coils unless otherwise noted.

RADIOLA DUPLICATE I. F. COILS



Coils only, less shielding cans. No. Models and Stage

K2503	80, 82, 86, RAE-68 (1st)
K2504	80, 82, 86, RAE-68 (2nd)
K2505	80, 82, 86, RAE-68 (3rd)
K2508	60, 62, 64 (all)
K2509	R4, R5, R6, R7, R7A, R9, RE-16, RE-16A (1st)
K2510	R4, R5, R6, R7, R7A, R9, RE-16, RE-16A (2nd)

Your Cost Each, Any Type **49c**

Antenna and R. F. Coil Primary Windings

Designed to replace defective or burned-out antenna and r.f. coil primaries. Will fit over the old coil. Can be moved back and forth to provide any desired coupling—gain can be increased or decreased. All high impedance. Furnished with insulated leads for direct connections. Tinned ends. Each

K10116	For 1 1/4" O.D. coils	18c
K10117	For 1" O.D. coils	
K10118	For 3/4" O.D. coils	15c
K10119	For 1/2" O.D. coils	

"Crolite" R. F. Chokes

Wound on a new and highly efficient insulating material known as Crolite. Low distributed capacitance. Solder lug terminals.

Stock No.	Millihen.	Your Cost
K10138	2.5	22c
K10139	5	24c
K10140	10	33c
K10141	30	

Pie-Wound R. F. Chokes



For use in hi-frequency receivers and low-powered transmitters. On Ceramite spool.

Stock No.	Millihenrys	Your Cost
K10142	2.5	\$0.32
K10143	5.5	.39
K10144	10	.48
K10149	60	.53

MEISSNER Universal Adjustable Iron Core Chokes Antenna, R. F. and Oscillator



Inductance is variable over a wide range to permit accurate tracking with coils in all types of receivers.

Also permits matching odd values of tuning condenser capacitances. Oscillator adjustable from 175 to 520 kc. In black crackle finished square shields 1 1/4" x 1 1/2" x 2 1/2"; centers 1 1/4".

No.	Adjustable Type	Each
K10120	Antenna	\$1.18
K10121	R.F.	
K10123	Oscillator	

Meissner WAVE TRAPS



Dual Amateur Model for elimination of interference from 40-80-160 meter bands. Reduces interference 100 times on all-wave receivers.

K10032—Your Cost **\$1.56**
Broadcast Wave Trap. Tunes 400 to 1950 kc. Adjusts to i.f. Knob tunes entire broadcast band. Iron-core coil.

K10014—Your Cost **\$1.56**
DeLuxe Dual Broadcast Model: Covers broadcast and police bands. Does not eliminate i.f. interference.

K9958—Your Cost **\$1.56**



Stock No.	Millihen.	Your Cost
K10133	2.5	18c
K10099	6	
K10100	8	24c
K10101	16	
K10134	30	30c
K10135	60	
K10136	80	38c

WAVE TRAPS

Standard Wave Traps to cover interference in specific ranges.

K9960	400 to 700 Kc.
K9961	650 to 1000 Kc.
K9962	950 to 1600 Kc.
K9963	20 Meter Amateur Band.
K9964	40 Meter Amateur Band.
K9965	80 Meter Amateur Band.
K9966	160 Meter Amateur Band.
K9967	456 Kc. I.F.

All models above in crackle-finished round metal can. Above Types, Each **73c**

DeLuxe 456 Kc. I.F. Wave Trap: Same as above but has Ferrocat (iron core) coil for greater efficiency. Permeability tuned.

K9959—Your Cost **\$1.03**

SHIELDED AND UNSHIELDED R. F. CHOKES

For use as replacements or in new set circuits. Unshielded chokes are lattice wound on insulated cores and have lug terminals. Shielded chokes are housed in cans and have leads that can be brought out from top or bottom. Size of can: 1 1/4" by 1".

Stock No.	Millihen.	Your Cost	Stock No.	Millihen.	Your Cost
K10240	2.5	27c	K10240	2.5	33c
K10241	6		K10241	6	
K10242	8	33c	K10242	8	42c
K10243	16		K10243	16	
K10244	30	42c	K10244	30	47c
K10245	60		K10245	60	
K10246	80		K10246	80	

Iron Core R. F. Chokes

Iron core choke coils, because of the greater "Q", increase the gain and selectivity of receivers. Have lower distributed capacitance. Complete with brass mounting, bolt and nut. 1 1/4" dia.

Stock No.	Millihen.	Your Cost
K9667	2.5	34c
K9668	5.5	37c
K9665	10	43c
K9664	30	48c
K9693	80	65c
K9663	125	85c

MEISSNER Align-Aire Trimmers

Air-dielectric coaxial cylinder type with metal case 1/4" dia. x 1 1/4" long. 3600 degrees of micrometer smooth tuning. Not affected by moisture; dust-proof. Ceramic insulation. Capacity adjusted by slotted screw head.

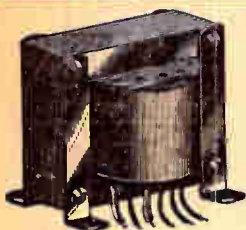
No.	Range	Each
K9741	5-25 mmfd.	53c
K9742	25-50 mmfd.	59c
K9743	40-100 mmfd.	73c

Midget Align-Aire

Similar to above but has Bakelite body 1/4" dia. x 1 1/4" long. Range 1-12 mmfd. Has mounting bracket. K9740—Your Cost **21c**

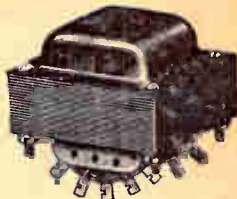
Trutest Power Transformers

SERVICE OVER 90% OF ALL STANDARD RECEIVERS



HORIZONTAL TYPE
With slotted mounting brackets and flexible wire leads.

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 for them. To simplify installation, and to preclude any possibility of error in wiring, each unit is furnished with a schematic diagram showing each terminal connection. All Trutest power transformers have 105-115 volt, 50-60 cycle primaries.



FLUSH TYPE
With corner mounting screws and lug terminals.

Flush Mounting Types For 2.5 Volt Tubes

For 4 to 5 Tube Midgets

Secondaries: (1) 650 volts c.t. at 45 ma.; (2) 2.5 volts c.t. at 8.75 amps.; (3) 5 volts at 2 amps. $3\frac{1}{2} \times 3\frac{1}{2}$; centers $2\frac{1}{2} \times 2$ ".
Shpg. wt. 4 lbs.
K1521—Your Cost Each..... 69¢

For 5 to 6 Tube Midgets

Secondaries: (1) 680 volts c.t. at 50 ma.; (2) 2.5 volts c.t. at 7 amps.; (3) 5 volts at 2 amps. $3\frac{1}{2} \times 3\frac{1}{2}$; centers $2\frac{1}{2} \times 2$ ".
Shpg. wt. 4 lbs.
K2431—Your Cost Each..... 93¢

For 6 to 8 Tube Sets

Secondaries: (1) 700 volts c.t. at 70 ma.; (2) 2.5 volts c.t. at 8.75 amps.; (3) 5 volts at 2 amps. $3\frac{1}{2} \times 3\frac{1}{2}$; centers $3\frac{1}{4} \times 2\frac{1}{2}$ ".
Shpg. wt. 6 lbs.
K1492—Your Cost Each..... 1.25

For 7 to 8 Tube Sets

Secondaries: (1) 700 volts c.t. at 70 ma.; (2) 2.5 volts c.t. at 7 amps.; (3) 2.5 volts c.t. at 3 amps.; (4) 5 volts at 3 amps. $3\frac{1}{2} \times 3\frac{1}{2}$; centers $3\frac{1}{2} \times 2\frac{1}{2}$ ".
Shpg. wt. 8 lbs.
K1505—Your Cost Each..... 1.58

For 8 to 10 Tube Sets

Secondaries: (1) 700 volts c.t. at 90 ma.; (2) 2.5 volts c.t. at 10.5 amps.; (3) 2.5 volts c.t. at 3.5 amps.; (4) 5 volts at 3 amps. $3\frac{1}{2} \times 3\frac{1}{2}$; centers $3\frac{1}{2} \times 2\frac{1}{2}$ ".
Shpg. wt. 8 lbs.
K1507—Your Cost Each..... 1.75

For 10 to 13 Tube Sets

Secondaries: (1) 700 volts c.t. at 110 ma.; (2) 2.5 volts c.t. at 15.25 amps.; (3) 2.5 volts c.t. at 3.5 amps.; (4) 5 volts at 3 amps. $4\frac{1}{2} \times 3\frac{1}{2}$; centers $3\frac{1}{2} \times 3$ ".
Shpg. wt. 9 lbs.
K1509—Your Cost Each..... 1.98

Technical TRUTEST Power Transformer Specifications

All transformers have core material of first grade annealed silicon steel having a very low core loss; permeability remains constant and cannot be destroyed. All meet RMA standards governing regulation characteristics. Insulation tested at 1500 volts. Primaries tested at double the rated voltage.

Horizontal Mounting For 2.5 Volt Tubes For 5 to 7 Tube Sets

Mounting Area: $3\frac{1}{2} \times 3\frac{1}{2}$ ". Mounting Centers: $3\frac{1}{2} \times 2$ ". Secondaries: (1) 700 volts c.t. at 70 ma.; (2) 2.5 volts c.t. at 8.75 amps.; (3) 5 volts at 2 amps.
Shpg. wt. 6 lbs.
K1504—Your Cost Each..... 1.45

For 6 to 8 Tube Sets

Mounting Area: $3\frac{1}{2} \times 2\frac{1}{2} \times 3\frac{1}{2}$ ". Mounting Centers: $3\frac{1}{2} \times 1\frac{1}{2}$ ". Secondaries: (1) 700 volts c.t. at 70 ma.; (2) 2.5 volts c.t. at 7 amps.; (3) 2.5 volts c.t. at 3.5 amps.; (4) 5 volts at 3 amps.
Shpg. wt. 8 lbs.
K1506—Your Cost Each..... 1.45

For 8 to 10 Tube Sets

Mounting Area: $3\frac{1}{2} \times 3\frac{1}{2} \times 3\frac{1}{2}$ ". Mounting Centers: $3\frac{1}{2} \times 2$ ". Secondaries: (1) 700 volts c.t. at 90 ma.; (2) 2.5 volts c.t. at 10.5 amps.; (3) 2.5 volts c.t. at 3.5 amps.; (4) 5 volts at 3 amps.
Shpg. wt. 8 lbs.
K1508—Your Cost Each..... 1.89

For 10 to 13 Tube Sets

Mounting Area: $4\frac{1}{2} \times 3\frac{1}{2} \times 4$ ". Mounting Centers: $3\frac{1}{2} \times 2$ ". Secondaries: (1) 700 volts c.t. at 110 ma.; (2) 2.5 volts c.t. at 15.25 amps.; (3) 2.5 volts c.t. at 3.5 amps.; (4) 5 volts at 3 amps.
Shpg. wt. 9 lbs.
K1510—Your Cost Each..... 2.25

Flush Mounting Types For 6.3 Volt Tubes

For 4 to 5 Tube Midgets

Mounting Area: $3\frac{1}{2} \times 3\frac{1}{2}$ ". Mounting Centers: $2\frac{1}{2} \times 2\frac{1}{2}$ ". Primary: 115 volts, 60 cycles. Secondaries: (1) 650 volts c.t. at 45 ma.; (2) 6.3 volts c.t. at 1.6 amps.; (3) 5 volts at 2 amps.
Shpg. wt. 4 lbs.
K5635—Your Cost Each..... 73¢

For 5 to 6 Tube Midgets

Mounting Area: $3\frac{1}{2} \times 3\frac{1}{2}$ ". Mounting Centers: $2\frac{1}{2} \times 2$ ". Primary: 115 volts, 60 cycles. Secondaries: (1) 650 volts c.t. at 45 ma.; (2) 6.3 volts c.t. at 2 amps.; (3) 5 volts at 2 amps.
Shpg. wt. 4 lbs.
K5636—Your Cost Each..... 86¢

For 6 to 7 Tube Sets

Mounting Area: $3\frac{1}{2} \times 3\frac{1}{2}$ ". Mounting Centers: $2\frac{1}{2} \times 2$ ". Primary: 115 volts, 60-60 cycles. Secondaries: (1) 600 volts c.t. at 50 ma.; (2) 6.3 volts c.t. at $2\frac{1}{2}$ amps.; (3) 5 volts at 2 amps.
Shpg. wt. 4 lbs.
K1518—Your Cost Each..... 1.05

For 7 to 10 Tube Sets

Mounting Area: $3\frac{1}{2} \times 3\frac{1}{2}$ ". Mounting Centers: $3\frac{1}{2} \times 2\frac{1}{2}$ ". Primary: 115 volts, 50-60 cycles. Secondaries: (1) 750 volts c.t. at 100 ma.; (2) 6.3 volts c.t. at 3 amps.; (3) 2.5 volts c.t. at 4 amps.; (4) 5 volts at 3 amps.
Shpg. wt. 8 lbs.
K1519—Your Cost Each..... 1.58

For 8 to 12 Tube Sets

Mounting Area: $3\frac{1}{2} \times 3\frac{1}{2}$ ". Mounting Centers: $3\frac{1}{2} \times 2\frac{1}{2}$ ". Primary: 115 volts, 50-60 cycles. Secondaries: (1) 750 volts c.t. at 110 ma.; (2) 6.3 volts c.t. at 4 amps.; (3) 2.5 volts c.t. at $5\frac{1}{2}$ amps.; (4) 5 volts at 3 amps.
Shpg. wt. 9 lbs.
K1520—Your Cost Each..... 1.98

We can furnish special transformers for other voltages and frequencies. Submit your specifications and we will quote.

Trutest "Bottom Shell" Transformers



Completely shielded flush mounting transformers. Approved by the Underwriters Laboratories. Coded leads. All primaries for 105-115 volts, 50-60 cycles a.c.

2.5 Volts—5 to 7 Tubes

Secondaries: 725 volts c.t. at 65 ma.; 2.5 volts c.t. at $5\frac{1}{2}$ amps.; 2.5 volts c.t. at 2 amps.; 5 volts at 3 amps. Dimensions: $2\frac{1}{2} \times 3\frac{1}{2} \times 3\frac{1}{2}$ ". Shpg. wt. 5 lbs.
K1150—Your Cost..... 1.29

2.5 Volts—6 to 8 Tubes

Secondaries: 725 volts c.t. at 80 ma.; 2.5 volts c.t. at 7 amps.; 2.5 volts c.t. at 3 amps.; 5 volts at 3 amps. Dimensions: $3\frac{1}{2} \times 3\frac{1}{2} \times 3\frac{1}{2}$ ". Shpg. wt. 5 lbs.
K1451—Your Cost..... 1.49

2.5 Volts—8 to 10 Tubes

Secondaries: 770 volts c.t. at 100 ma.; 2.5 volts c.t. at 10.5 amps.; 2.5 volts c.t. at 3 amps.; 5 volts at 3 amps. Dimensions: $3\frac{1}{2} \times 3\frac{1}{2} \times 3\frac{1}{2}$ ". Shpg. wt. 7 lbs.
K1452—Your Cost..... 1.85

6.3 Volts—4 to 7 Tubes

Secondaries: 650 volts c.t. at 60 ma.; 6.3 volts c.t. at 3 amps.; 5 volts at 2 amps. Dimensions: $3\frac{1}{2} \times 2\frac{1}{2} \times 3$ ". Shpg. wt. 4 lbs.
K5492—Your Cost..... 1.10

6.3 Volts—6 to 8 Tubes

Secondaries: 650 volts c.t. at 70 ma.; 6.3 volts c.t. at 3 amps.; 5 volts at 3 amps. Dimensions: $3\frac{1}{2} \times 2\frac{1}{2} \times 3$ " high. Shpg. wt. 8 lbs.
K5493—Your Cost..... 1.45

Schematic diagrams showing all connections are supplied.

Trutest Upright Shield Transformers



All primaries for 105-115 volts, 50-60 cycles a.c.

2.5 Volts—7 to 8 Tubes

Secondaries: 750 volts c.t. at 75 ma.; 2.5 volts c.t. at 7 amps. (for 4 heaters); 2.5 volts c.t. at 3.5 amps. (for 2 power tubes); 5 volts at 2 amps. (80 rect.). Shpg. wt. 7 lbs.
K1952—Your Cost..... 2.35

2.5 Volts—9 to 10 Tubes

Secondaries: 750 volts c.t. at 90 ma.; 2.5 volts c.t. at 10.5 amps. (for 6 heaters); 2.5 volts c.t. at 3.5 amps. (for 2 power tubes); 5 volts at 2 amps. (80 rect.). Shpg. wt. 8 lbs.
K1961—Your Cost..... 2.35

2.5 Volts—11 to 12 Tubes

Secondaries: 750 volts c.t. at 110 ma.; 2.5 volts c.t. at 14 amps. (for 8 heaters); 2.5 volts c.t. at 3.5 amps. (for 2 power tubes); 5 volts, 2 amps. (for 80 rect.). Shpg. wt. 8 lbs.
K1963—Your Cost..... 2.35

These fully shielded upright mounting transformers are ideal for replacement purposes or for the new set builder. All accurately rated. All have bottom connections, furnished with detailed wiring instructions. Mounting area: $3\frac{1}{2} \times 3\frac{1}{2}$ ". Mounting centers: $3\frac{1}{2} \times 2\frac{1}{2}$ ".

2.5 Volts—6 to 7 Tubes

Secondaries: 750 volts c.t. at 70 ma.; 2.5 volts c.t. at 5.25 amps.; 2.5 volts c.t. at 3.5 amps.; 5 volts at 2 amps. Shpg. wt. 7 lbs.
K1956—Your Cost..... 2.35

Exact Duplicate Power Transformers

Name of Radio and Model	Stock No.	Your Cost	Name of Radio and Model	Stock No.	Your Cost	Name of Radio and Model	Stock No.	Your Cost
ALL AMERICAN MOHAWK			GENERAL ELECTRIC			PHILCO—(Cont.)		
Lyric 90, 93, 4, 5, 6.....	K2200	\$3.45	H-31, H-51 and H-71, 60 cycle	K2156	\$3.05	87.....	K1959	\$2.35
D and H.....	K2201	3.45	T-41, 60 cycle.....	K2155	3.25	90 (2-45s).....	K1953	2.35
J, P.....	K5586	2.65	S-22, G-42, 60 cycle.....	K2187	2.35	90 (1-47).....	K1953	2.35
APEX			T-12, 60 cycle.....	K2188	2.35	91 (2-47s).....	K1953	2.35
Gloritone 26-A.....	K2205	2.20	K-62, 60 cycle.....	K2189	3.00	91, 221.....	K1911	2.35
Gloritone 26-P.....	K2484	2.20	H-32, H-72, 60 cycle.....	K2190	2.95	95, 96, 296.....	K1962	2.35
Gloritone 27.....	K2485	2.48	J-72.....	K2118	3.30	111 and 211.....	K1963	2.35
Case 80.....	K2210	3.25	J-82.....	K2112	2.75	112 and 212.....	K1963	2.35
Case 8-B.....	K2211	3.10	J-83 and J-87.....	K2119	3.25	500 Series (511).....	K1964	2.25
Case 32.....	K2483	3.20	J-85.....	K2112	2.75	610, 620, 625.....	K1927	2.27
ATWATER KENT			J-70-75.....	K2454	2.40	37-60, 37-61, 36-89 (121).....	K1928	2.58
36, 37 and 38.....	K2255	2.35	E91, E95, E101, E105, E106.....	K1921	3.30	RCA-RADIOLA		
40, 56, 57, 42, 44, 45, 52 Complete Pack.....	K1376	4.95	E81, 75.....	K1922	2.95	44, 46, 47, 60 cycle.....	K2152	2.95
46, 47, 53 Complete Pack.....	K1375	7.25	E61, E62, E68.....	K1923	2.18	60 and 62; 60 cycle.....	K2153	2.95
55 and 55-C, Late Types.....	K2446	3.95	K60, K61, K53, K64, K68.....	K2003	2.30	66; 60 cycle.....	K2154	2.95
60 and 60-C Early.....	K2246	3.95	K60, K63, K65, M68.....	K2009	2.50	62 and 67; 60 cycle.....	K2157	7.95
82, 85.....	K2447	3.25	GENERAL MOTORS			64 and 48; 60 cycle.....	K2155	3.25
80 and 83.....	K2472	3.25	"A", 120, 130, 140, 150, 160.....	K2278	3.10	80, 82, 86; 60 cycle.....	K2156	3.05
84.....	K2474	3.25	MA and MB Chassis for 110, 180, 190.....	K2518	2.05	R7, 7A, 9, RE-16A.....	K2187	2.35
87, 89 and 89-P.....	K2476	3.95	252, 253, 254, 255, 256, 257.....	K2520	3.05	R5, R5X.....	K2188	2.35
70, 72, 75, L-1, L-2, H-1, H-2.....	K2440	3.25	S-1-A, 216, 217, 219, 250.....	K2521	2.95	R-70.....	K2118	3.30
92 Early and Late.....	K2396	3.75	GRAYBAR			R-11, 18 and 18-A; 60 cycle.....	K2189	3.60
94.....	K2396	3.75	500 and 550, 60 cycle.....	K2152	2.95	R-50, R-55 and RE-20, 60 cycle.....	K2190	2.95
96 (all models).....	K2398	3.75	340, 60 cycle.....	K2153	2.95	R-8, R-10, R-12; 60 cycle.....	K2112	2.75
85G, 97E.....	K2399	2.50	678, RC-3, 60 cycle.....	K2155	2.25	R-71, R-72.....	K2112	2.75
310, 510.....	K2378	3.35	600, 60 cycle.....	K2154	2.95	R-73, 75, RE-80 (47's).....	K2119	3.25
812 plate.....	K1905	4.95	700, 770, 900, 60 cycle.....	K2156	3.05	R-4, R-6.....	K2454	2.40
812 plate and fil.....	K1906	4.95	Midjet 8, 60 cycle.....	K2187	2.35	R37, R38, R37P, 120.....	K2009	2.50
612.....	K1907	4.95	Graybarette No. 4, 60 Cycle.....	K2188	2.35	R28, R28B, R28BW, RE40, RE40P, 110, 111, 115, 210, 310.....	K2008	2.30
BOSCH			GB-9, 60 cycle.....	K2189	3.60	R90, R90P, 260.....	K2014	4.55
5, 5A.....	K2406	2.50	GB-100, 60 cycle.....	K2190	2.95	R-100, E-101.....	K2011	1.92
48.....	K2260	3.40	GRUNOW			830, 331.....	K2015	2.60
58.....	K2261	3.40	6C, 660, 661.....	K5601	3.75	118, 128, 128E, ACR136, 211, 224, 224E, 322, 322E.....	K2120	2.45
29, 29A.....	K2336	4.95	6D, 670, 671.....	K5601	3.75	140, 141, 141E, 240, 340, 340E.....	K2121	3.45
31, 82.....	K2400	2.35	7A, 700, 701.....	K5603	3.75	143, 242, 262, 341.....	K2122	3.60
78, 74.....	K2401	2.75	7B, 750, 751.....	K5604	3.40	R.C.A. VICTOR		
250-P.....	K2433	3.95	8A, 801.....	K5605	3.75	R-32, RE-45, R-52, RE-75.....	K2185	2.65
312.....	K5583	3.95	9A, 901, 902.....	K5606	3.95	100, 15, 14 and 17.....	K2155	3.25
CLARION			KOLSTER			35, 39 and 57; 60 cycle.....	K2195	2.95
300.....	K2086	3.95	K-24.....	K2054	3.95	9-18 and 9-54.....	K2157	7.95
340.....	K2087	3.10	K-43 and K-48.....	K2051	3.45	R-7AC.....	K2187	2.35
51, 47, 53 Complete Pack.....	K2088	3.45	6-J and 6-K.....	K2066	3.45	R-5AC.....	K2188	2.35
160.....	K2089	3.93	International K-80, K-90.....	K2068	3.45	R-11.....	K2189	3.60
80.....	K2090	1.95	International K-140.....	K5609	3.75	R-50, R-55, RE-20.....	K2190	2.95
COLONIAL			MAJESTIC			C-6-12, 6T, 6K, 7T, 7K, C-6-11, 8T, 8K, 8K-1.....	K1924	2.00
31.....	K2363	3.40	70, 71, 72, 7-BP6, Plate-Filament.....	K2125	3.45	121, 122, 129, 221, 320, 321.....	K1925	2.85
32.....	K2279	3.70	90, 91, 92, 9-BP6, Plate-Filament.....	K2100	3.45	6-T-5, 5-T-4, 5-T-5, 5W, 85-T-5.....	K1926	2.18
47.....	K2227	2.95	180, 8-BP6, Plate Transformer.....	K2169	4.85	SPARTON		
41, 42.....	K2402	3.25	90-B and 100-B.....	K2127	3.45	AC-7, 62 and 63.....	K229	2.35
51.....	K2403	3.25	Chassis 15: 151, 153, 154.....	K1491	2.05	930.....	K228	3.25
52.....	K2404	3.25	Chassis 20: 21, 22, 23.....	K2129	3.45	89-A.....	K231	4.85
COLUMBIA RADIO			Chassis 50: 52.....	K2132	3.45	591, 593 and 931.....	K234	3.53
Screen Grid 8 (with Choke).....	K2805	3.75	Chassis 130: 131, 132.....	K2130	3.45	301, 564 and 570.....	K235	5.30
CROSLEY			25 Series.....	K2128	3.45	600, 610, 620 and 737.....	K236	3.70
40S, 41S, 42S, 45S, 82S.....	K1851	3.45	210, 211, 214, 215.....	K2097	3.45	STEWART-WARNER		
30S, 31S, 33S, 34S.....	K1883	3.25	290, 291, 293, 294.....	K5611	3.45	900 and 950 Series, 951, 952, 953, 961, 962, 963.....	K2272	3.60
82, 40, 41.....	K1852	3.05	320, 324.....	K5612	4.25	102, A, B, E.....	K2214	2.90
131, 132.....	K5593	3.95	340, 344.....	K5613	4.10	R120, 1201, 1209.....	K5620	3.95
53, 54, 57, 58.....	K5594	3.25	360, 363.....	K5614	3.95	STROMBERG-CARLSON		
124.....	K5595	3.25	371, 373, 370.....	K5615	2.25	10, 11, 25 and 26.....	K2370	3.75
EARL and FREED			300, 300A.....	K2044	3.75	38, 39, 40, 41.....	K2392	3.75
Earl 21, 22; Freed 55, 56.....	K2286	2.55	310A, 311.....	K2045	2.95	635 and 636.....	K2256	3.75
Earl 24, 31, 32, 33, 41; Freed 65, 78, 79, 90, 95.....	K2287	3.40	310B, 314, 315.....	K2046	2.95	638, 25-60 cycle.....	K2249	4.95
Earl 24, 31, 32, 33, 41; Freed 65, 78, 79, 90, 95, coil only.....	K2288	1.75	330, 331, 336, 77.....	K2047	2.95	641, 642, 652, 654.....	K2257	3.40
EDISON			380, 381.....	K2016	1.95	846 and 848.....	K2258	3.95
R-4, R-5 and C-4.....	K2251	3.85	390.....	K2048	2.95	WESTINGHOUSE		
R-6 and R-7.....	K2306	3.95	460, 461, 463.....	K2405	2.95	WR-4.....	K2155	3.25
R-1, R-2 and C-2 (Plate).....	K2350	2.75	800.....	K2049	2.75	WR-5, WR-6 and WR-7.....	K2156	3.05
EVEREADY			PHILCO			WR-10A.....	K2187	2.35
40 and 50 series.....	K2284	2.75	15.....	K1909	2.35	WR-14.....	K2188	2.35
FADA			20 and 220.....	K1955	2.35	WR-15.....	K2189	3.60
35 and 35-B.....	K2352	3.75	21.....	K1910	2.35	ZENITH		
41, 42, 44, 46 and 47.....	K2353	3.65	50.....	K1951	2.07	50-60 and 70 Series; ZE-50, ZE-60, ZE-70 Power Units.....	K1980	3.50
43, KF, KG, 761, 766, 767.....	K2354	3.65	65.....	K1956	2.35	ZE11 Plate Transformer.....	K1976	2.95
50, 70, 71, 72 for E-420 Unit.....	K2355	3.65	70.....	K1957	2.35	Super-Het, 10, 11 and 12.....	K1981	3.45
45 (KU).....	K2358	3.65	76 and 77.....	K1958	2.35	410, 411.....	K1977	3.75
			86.....	K1960	2.35	BH chassis 2021.....	K5623	3.75
			Text Box:			475, 760, 767, 765.....	K5625	3.10
			We can supply the correct power transformer for any standard radio receiver at lowest wholesale prices. Write giving full information and we will promptly quote.			746B, 77B, 775B.....	K5626	3.95

THORDARSON Replacement POWER TRANSFORMERS

UNIVERSAL DUPLICATE REPLACEMENT TRANSFORMERS

- EIGHTEEN Universals Replace 800 Exact Duplicate
- UNIVERSAL Mountings Meet ALL Chassis Requirements
- FULLY SHIELDED—Popularly Priced—Thordarson Quality

These transformers represent an entirely new departure and a new idea in replacement duplicates. The T-13R00 series was designed specifically to replace approximately 800 exact duplicate transformers—with only 18 transformers! Furnished with detachable mounting brackets

they can be mounted in any position to meet all replacement requirements. Slotted holes permit wide variation in meeting chassis mounting holes. Mounted upright they are fully shielded. Write us for FREE Thordarson Replacement Transformer Encyclopedia.

Stock No.	Type No.	Primary		Secondary		Filament Windings		Dimensions W D H	Wt. Lbs.	Your Cost
		Volts	V.A.	Volts	M.A.	Rect.	Fil. No. 1				Fil. No. 2
K581	T-13R01	115	60	650 CT	40	5V @ 3A	2½V @ 4A CT	2½x2½x3	3¼	\$1.47
K582	T-13R02	115	60	700 CT	50	5V @ 3A	2½V @ 7¼A CT	2½x2½x3	3¼	1.90
K583	T-13R03	115	75	700 CT	70	5V @ 3A	2½V @ 9A CT	2½x3x3½	4	2.06
K584	T-13R04	115	115	700 CT	90	5V @ 3A	3½V @ 12½A CT	3½x3½x3½	5¼	2.50
K585	T-13R05	115	110	700 CT	70	5V @ 3A	2½V @ 9A CT	2½V @ 3½A CT	5¼	2.35
K586	T-13R06	115	130	700 CT	120	5V @ 3A	2½V @ 12½A CT	3½x3½x4½	6½	3.09
K587	T-13R07	115	140	800 CT	110	5V @ 3A	2½V @ 15A CT	3½ x 3½x4½	6¾	3.23
K588	T-13R08	115	105	700 CT	90	5V @ 3A	6.3V @ 3.3A CT	2½V @ 6A CT	5¼	2.64
K589	T-13R09	115	160	750 CT	180	5V @ 3A	6.3V @ 3.3A CT	2½V @ 6A CT	7½	3.82
K590	T-13R00	115	70	550 CT	70	5V @ 3A	5V @ 5A CT	2½V @ 10½A CT	4	2.35
K591	T-13R11	115	60	650 CT	40	5V @ 3A	6.3V @ 2A CT	2½x2½x3	3¼	1.47
K592	T-13R12	115	65	700 CT	70	5V @ 3A	6.3A @ 2½A CT	2½x3½x3	3¼	1.90
K593	T-13R13	115	90	700 CT	-90	5V @ 3A	6.3V @ 3½A CT	3½x3½x3½	5¼	2.35
K594	T-13R14	115	115	700 CT	120	5V @ 3A	6.3V @ 4.7A CT	3½x3½x3½	5¼	2.50
K595	T-13R15	115	140	750 CT	150	5V @ 3A	6.3V @ 5A CT	3½x3½x4½	6½	3.38
K596	T-13R16	115	180	800 CT	200	5V @ 3A	6.3V @ 5.14A CT	3½x3½x4½	7¾	3.82
K597	T-13R17	115	85	600 CT	60	5V @ 3A	6.3V @ 2½A CT	2½x2½x3	4½	2.35
K598	T-13R18	115	115	700 CT	90	5V @ 3A	6.3 @ 2½V @ 3.5A	2½V @ 9A CT	5¾	2.79



Wide Vertical Mounting



Half Shell Mounting



Narrow Vertical Mounting



THORDARSON General Purpose Power Transformers For Amplifiers And Receivers



2.5 Volt (10 to 15 Tubes)
 T56R05—700 volts ct. at 110 ma.; 2.5 v. ct. at 9 amps.; 2.5 v. ct. at 3 amps.; 2.5 v. ct. at 3 amps.; 5 v. at 3 amps. 5x3½x3¾". **\$3.38**
K264—Your Cost...

For Class "B" Receivers
 T69R35—775 volts ct. at 200 ma.; 6.3 volts ct. at 3 amps.; 5 volts at 3 amps. 5x3½x4¾". **\$3.68**
K426—Your Cost...

For 6L6 P.A. Amp.
 T17R30—740 volts ct. at 280 ma.; 6.3 volts ct. at 3.5 amps.; 5 volts at 3 a. 3½x3½x4¾". **\$4.55**
K511—Your Cost...

6.3 Volts (4 or 5 Tubes)
 T70R78—680 volts ct. at 55 ma.; 6.3 volts ct. at 1.5 amps.; 5 volts at 2 a. 3½x3½x4¾". **\$1.90**
K514—Your Cost...

6.3 Volts (7 to 8 Tubes)
 T70R61—770 volts ct. at 70 ma.; 6.3 volts ct. at 2.5 amps.; 5 volts at 2 a. 4¾x3½x3¾". **\$2.35**
K321—Your Cost...

16.3 and 2.5 Volts (11 Tubes)
 T75R50—870 v. ct. at 250 ma. (bias tap 80 v.); 6.3 v. ct. at 1.5 amps.; 2.5 v. ct. at 10 amps.; 2.5 v. at 3 amps.; 5 v. at 3 a. 3¾x4¾x5". **\$4.41**
K516—Your Cost...

K461—Thordarson Transf. Encyclopedia FREE, with order. Contains transformers on every set mentioned in Rider's 8 manuals.



STANCOR Exact Duplicate Vibrator X'formers

These exact replacement vibrator transformers are identical in every respect, electrically and physically, to the original transformers they are intended to replace. They will meet the needs of the serviceman in repairing either auto or d.c. home receivers. All constructed with high grade materials, designed to give long, satisfactory service. Full instructions with each. Average shipping weight 3 lbs.

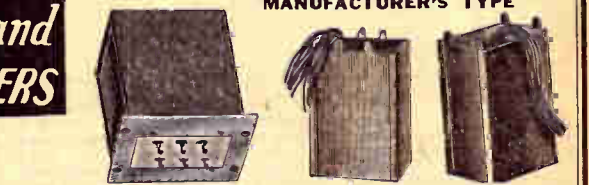


Motorola				RCA-Victor			
Stock No.	Type No.	Model Numbers	Your Cost	Stock No.	Type No.	Model Numbers	Your Cost
K1131	P2463	34	\$2.35	K1141	P4051	M101, 104, M108	\$1.40
K1132	P4431	35, 45	1.76	K1142	P4052	M109	1.76
K1133	P4055	50	1.40	K1143	P4053	5M, 6M, 6M2	2.46
K1134	P4056	60	1.76	K1143	P4053	67M, 67M1, 67M2, 67M3	2.46
K1135	P4431-1	65	1.76				
K1136	P4057	80	1.76				
K1137	P4058	Golden Voice	2.12				

Philco				Zenith			
Stock No.	Type No.	Model Numbers	Your Cost	Stock No.	Type No.	Model Numbers	Your Cost
K1138	P4036	805, 806, 809	\$1.94	K1144	P1306-2	7 Jr.	\$1.94
K1139	P4037	816	1.76	K1145	P4031	5M90, 663, 664	1.40
K1140	P4038	817, 818, 819, 819H	1.94	K1146	P4032	6M92	1.94
				K1147	P4033	7M9D, 7M91S	1.38
				K1148	P4034	666, 668	1.38

EXACT DUPLICATE AUDIOS and CHOKES for STANDARD RECEIVERS

Manufacturer	Model and Type	No.	Each
Airline	62-101, 62-020; Input.	K2248	\$1.75
Atwater-Kent	55, 55C, 60, 60C-P.P. Input and Out.	K2249	1.89
Atwater-Kent	67-Audio and P.P. Input.	K2243	1.98
Claron	AC60 Input.	K2247	1.59
Crosley	60S, 61S, 62S, 63S—P.P. Input 32, 40, 41A, 41, 42, 704, 706—1st Audio and P.P. Input.	K1892	1.89
Fada	42, 44, 46 (KA)—P.P. Input.	K1642	1.35
Fada	42, 44, 46 P.P. Output.	K1643	1.10
General Motors	120, 130, 140, 150, 160—P.P. Input	K2298	1.10
Majestic	70, 90—1st Audio.	K2490	1.10
Majestic	70, 90, 180—P.P. Input.	K2109	1.15
Philco	20, 220—P.P. Input.	K1738	1.05
Philco	20, 220—P.P. Output.	K1746	1.20
Philco	20, 220—Filter Choke.	K1750	1.15
Philco	70, 270—Output.	K1749	1.25
Philco	76, 77—P.P. Output.	K1746	1.20
Philco	90, 90A (2-45's)—P.P. Output.	K1746	1.20
Philco	90, 90A (1-47)—Output.	K1749	1.25
Philco	90, 90A (1-47)—Filter Choke.	K1753	.98
Philco	95, 96, 296—P.P. Output.	K1746	1.20
Philco	111, 112 (2-45's)—P.P. Output.	K1746	1.20
RCA-Victor	R37, 38, 120, 320; Output.	K5675	.86
RCA-Victor	140, 240, 340; Output.	K5676	.89
RCA-Victor	142B, 241B; Output.	K5677	1.30
RCA-Victor	M-34; Interstage.	K5633	.78



Manufacturer	Model and Type	No.	Each
RCA-Victor	140, 141, 240, 340, Driver.	K5679	1.21
RCA-Victor	R32, 52, RE45, RE75, RE154; Input	K5683	2.82
RCA-Victor	Input, Reactor and Cond. for RE81, R32, RE45, R52, RE75—P.P. Input and Output assembly.	K1965	1.95
RCA-Victor	80, 82, 86, R35, R39, RE57—P.P. Input and Output assembly.	K1998	1.95
RCA-Victor	R50, R55, RE20, RAE59, RAE79—P.P. Input and Output assembly.	K2001	1.95
RCA-Victor	16, 17, 18, 33, 41, 50, 51—Dual Audio	K2005	.95
RCA-Victor	44, 46, 47—Coupling Reactor.	K2000	1.10
RCA-Victor	R11, 18, 18A, 21, 26—P.P. Input.	K1989	1.32
RCA-Victor	R7, R9—P.P. Input and Output.	K1994	2.35
RCA-Victor	R7A—P.P. Input and Output.	K2098	1.95
Sparton	589, 930, 931—P.P. Input.	K281	1.18
Sparton	930, 931—P.P. Output.	K276	.73
Stromberg	641, 642, 652, 654—Audio.	K2331	1.35
Stromberg	846—Audio.	K2270	2.95
Stromberg	10, 11, 25, 26—P.P. Input.	K2375	3.95
Stromberg	68—1st Audio.	K1813	1.25
Stromberg	68—Driver Input.	K1814	1.95

We Will Not Knowingly Be Undersold

UTC AUDIO TRANSFORMERS UTC



"Linear Standard" Audios

A line of shielded highest fidelity audio transformers featuring input coils that have **lowest hum pick-up of any available**, wide range frequency response (within plus or minus 1 db from 30 to 20,000 c.p.s.) thorough shielding and dependability. Used extensively by broadcast stations. Housed in alloy cases that have threaded 4-hole terminals for mounting (top or bottom). Telephone black enamel finish. Overall dimensions (length, width, height): **A**—2 1/4 x 3 1/4 x 3 1/4; **B**—3 1/4 x 4 1/4 x 4 1/4; **C**—5 x 5 1/4 x 5 1/4; **D**—6 1/4 x 6 1/4 x 5 1/4.

Line Matching Units

For matching multiple line: 50, 125, 200, 250, 500 ohms. Type A case. Dual alloy shielding, hum reduction -74 db. Shpg. wt. 8 lbs.

Stock No.	Type No.	Match To	Your Cost
K5401	LS-10	Single grid—60,000 ohms, 2 sections	\$ 8.82
K5739*	LS-10X	Single grid—60,000 ohms, 2 sections	11.76
K5402	LS-12	P.P. grids—120,000 ohms, 2 sections	11.76
K5427	LS-50	Single plate 8000-15000 ohms	8.82
K5428	LS-51	P.P. plates 8000-15000 ohms each	8.82
K5408	LS-37	Crystal mike or pick-up	8.82
K5405	LS-30	Mixer 50, 200, 250, 500 ohms	8.82

* Quadruple alloy shielding, hum reduction -92 db.

Interstage Transformers

Stock No.	Type No.	Application	Case Size	Wt. Lbs.	Your Cost
K5422	LS-20	1 plate to 1 grid. 2:1	A	4	\$5.88
K5423	LS-21	1 plate to 2 grids. 2 1/2:1	A	4	7.64
K5424	LS-22	2 plates to 2 grids. 1.6:1	B	8	12.94

Output Transformers

To voice coil secondary: 30, 20, 15, 10, 7.5, 5, 2.5, 1.2 ohms. All units type B case except K5398 (C case). Shpg. wt. 8 lbs.

Stock No.	Type No.	Pri. Imp. Ohms P.P.	Typical Tubes	Your Cost
K5411	LS-54	8000	45's, 50's, 6F6 triodes	\$8.23
K5414	LS-57	3000/5000	2A3's, 6A6G's, 300A's	8.23
K5420	LS-63	6000/10000	6B5, 6A6, 6F6, 89, 46	8.23
K5398*	LS-6L3	6600	6L6's self bias	11.76

*—Shpg. wt. 16 lbs.

VARITRAN Voltage Control



The Varitran is an ideal voltage control unit of the type employing a sliding contact riding over the transformer turns. Provides continuously variable output voltage from 0 to 130 volts without interruption of the circuit. Used extensively to control light, line voltage, rectifiers, motors, receivers, transmitters, etc., etc. The V-1 is completely shielded, and includes cord, plug and switch. Other units are completely shielded with terminal strip.

**Type V-1
ZERO TO 130 VOLTS**

Stock No.	Type No.	Watts Rating	Max. Amps.	Size Inches	Wt. Lbs.	Your Cost
K5771	V-1	570	5	7 1/2 x 6 x 4	14	\$10.00
K5772	V-2	570	5	7 x 5 x 4	13	9.00
K5773	V-3	850	7.5	8 x 8 x 6	20	14.00
K5774	V-4	1250	11	10 x 10 x 7	35	20.00
K5790	V-5	2000	17.5	10 x 10 x 8 1/2	45	32.00

FREE—Transformer Catalog—FREE

A 50-page UTC transformer guide, complete with detailed information covering every phase of transformer design and application, circuits for amplifiers, pre-amplifiers, etc., etc., offered FREE with every purchase of a UTC transformer. Specify on order if desired (will not be shipped unless asked for.)



"OUNCER" Audios

This new UTC series represents the acme in quality transformers. All units are flat from 40 to 15,000 c.p.s. except the 0-14 and 0-15 which have a useful range from 150 to 4000 c.p.s. Units weigh only 1 OUNCE and measure 1/2" diam., by 1 1/4" high, with mounting opposite the lug terminals. Ideal for hearing aids, aircraft installations, etc. **Max. level 0 db.**

Stock No.	Type No.	Application	Primary Imp.	Secondary Imp.	Your Cost
K5791	0-1	Mike or line to 1 grid	50, 200, 500	50,000	\$5.88
K5792	0-2	Mike or line to 2 grids	50, 200, 500	50,000	5.88
K5793	0-4	Single plate to 1 grid	8000 to 15000	60,000	4.70
K5794	0-6	Single plate to 2 grids	8000 to 15000	95,000	5.28
K5795	0-8	Single plate to line	8000 to 15000	50, 200, 500	5.88
K5796	0-11	Crystal mike or pick-up to line	50,000	50, 200, 500	5.88
K5797	0-14	50:1 mike or line to 1 grid	200	1/2 megohm	5.88
K5798	0-15	10:1 single plate to 1 grid	8000 to 15000	1 megohm	5.88



Public Address Audios

A quality line of popular priced transformers incorporating the most advanced design features. Uniform drawn cases are finished in telephone black enamel with threaded inserts for top or bottom mounting. All have lug terminals. Low level units have hum bucking construction. Completely poured with special sealing compound. Overall dimensions: (length, width, height)

Type E Case: 2 1/2 x 3 x 3"
Type F Case: 3 1/2 x 4 1/2 x 3 1/2"
Type G Case: 3 1/2 x 4 1/2 x 4 1/2"
Type H Case: 6 x 4 1/2 x 4 1/2"

Line Matching Units

All in Type E case. Shpg. wt. 3 lbs. each.

No.	Type	Application	Each
K5379	PA-134	50, 200, 500 ohm line or mike to 1 grid	\$3.82
K5380	PA-135	50, 200, 500 ohm line or mike to 2 grids	4.40
K5381	PA-131	Single plate to single grid. 3:1	2.64
K5382	PA-132	1 plate to p.p. grids. Split sec. 2:1	2.94
K5383	PA-133	P.P. plates to p.p. grids. Split sec. 1.75:1	3.53
K5384	PA-233	P.P. 6C's, etc. to p.p. 2A3's, 6L6's	3.53
K5385	PA-137	Mixing 50, 200, 500, to 50, 200, 500 ohms	3.23

Varitone Units

Equalizer matching transformers. 50,000 ohm external potentiometer required. All Type E case. Shpg. wt. 3 lbs.
K5531—VT-1. From single plate or low impedance mike or line to 1 or 2 grids. **Your Cost** \$5.00
K5532—VT-2. For insertion in shunt with line or mike of 5,000 to 20,000 ohm plate. **Your Cost** \$3.53

Output Transformers

Secondary impedances 500, 200, 50, 16, 8, 5, 3, 1.5 ohms.

Stock No.	Type No.	Imped. P.P. Ohms	Typical Tubes	Case Size	Wt. Lbs.	Your Cost
K5386	PA-15	8000	45's, 50's, 6F6 tr.	F	5	\$4.12
K5387	PA-16	3000/5000	2A3's, 6A5G's	F	5	4.12
K5388	PA-19	6000/10000	6B5, 6A6, 6F6, 89, 46	F	5	4.12
K5389	PA-710	14000/20000	10's, 47's	F	5	4.12
K5392	PA-2L6	6000	6L6's self bias	G	10	5.88
K5393	PA-4L6	3800/3800	4-6L6's AB	G	15	8.82

P.A. VARIMATCH Outputs

Universal units designed to match any tubes within the rated power to line or voice coils. Output impedances: 500, 200, 50, 15, 8, 5, 3, 1.5 ohms.

Stock No.	Type No.	Audio Watts	Typical Tubes	Case Size	Wt. Lbs.	Your Cost
K5777	PVM-1	12	42, 43, 45, 47, 2A3, 6F6	E	3	\$2.94
K5778	PVM-2	30	42, 45, 6L6, 6V6, 6B5	F	4	4.70
K5779	PVM-3	60	46's, 6L6's, 801, 807	G	10	7.35
K5780	PVM-4	125	800's, 801's, 846's	H	15	11.76

Filter Chokes

Stock No.	Type No.	Induct. Henrys	D.C. Ma.	D.C. Res. Ohms	Case Size	Wt. Lbs.	Your Cost
K5580	PA-40	10	200	110	F	4	\$2.65
K5581	PA-41	5-25	200	100	F	4	2.65
K5582	PA-44	30	100	375	F	4	2.36
K5583	PA-45	250	15	4500	H	8	2.65

Line Varimatch Transformers

Match any voice coil or group of voice coils to a 500 ohm line. Impedance range from .2 to 75 ohms in 50 combinations. Line Varimatch Autoformers will match 1 to 10 500 ohm lines to 500 ohm output of amplifier. Autoformers tapped at 500, 250, 167, 125, 100, 83, 71, 62 and 50 ohms.

Stock No.	Type No.	Application	Case Size	Wt. Lbs.	Your Cost
K5782	LVM-1	15-Watt Line Varimatch	E	2	\$2.65
K5783	LVM-2	40-Watt Line Varimatch	F	5	4.12
K5784	LVM-3	75-Watt Line Varimatch	G	10	5.88
K5785	LVM-10	12-Watt Line Var. Autoformer	E	3	2.65
K5787	LVM-12	60-Watt Line Var. Autoformer	G	10	5.88
K5788	LVM-13	125-Watt Line Var. Autoformer	H	15	10.58

Ultra-Compact Audios



Compact, high fidelity units having frequency range from 30 to 20,000 c.p.s. plus or minus 2 db. Only 1 1/2 x 1 1/4" overall. Lug terminals. Threaded inserts for top or bottom mounting. Finished in telephone black lacquer. For use where space is limited. Shpg. wt. 2 lbs.

Line Matching Units

Impedance of line winding: 50, 125, 200, 250, 500 ohms.

No.	Type	Match To	Each
K5394	A-10	Line to 1 grid. 50,000 ohms	\$5.88
K5738	A-12	Line to p.p. grids, 80,000 ohms	5.88
K5436	A-20	Line to mixer, 50, 200, 250, 500 ohms	5.88
K5397	A-24	1 triode plate 8000/15000 ohm to line	5.88
K5437	A-26	P.P. triode plates to line	5.88
K5438	A-27	Crystal mike or pick-up to line	5.88

Interstage Transformers

Stock No.	Type No.	Application	Your Cost
K5395	A-16	1 plate to 1 grid. 2:1	4.70
K5396	A-18	1 plate to 2 grids. 1.15:1	5.29

UTC Replacement Transformers UTC

★ SPECIAL SERIES ★

Channel Frame Audios and Filter Chokes



Excellent designed audio components featuring fine frequency response, vacuum impregnated and sealed coils, leads for connections. All have standard channel type mounting finished in black enamel. Dimensions are: A—2½x1½x1½"; B—2½x1½x1½"; C—4½x2½x2½"; D—3½x1½x2"; E—3½x1½x2½"; F—4½x2x2½". Average shipping weight, each 2 lbs.

Audio Transformers

Stock No.	Type No.	Description	Size In.	Your Cost
K5933	R-33	1 Plate to 1 Grid. Ratio 4:1	B	\$0.71
K5934	R-34	1 Plate to 2 Grids. Ratio 2:1	B	.73
K5935	R-35	Mike to 1 Grid. Ratio 17:1	B	.88
K5936	R-36	Driver (30, 49, etc.) to Class B 19, 49, 79, 89 Grids	B	.88
K5937	R-37	R.F. Output. Class B 19, 49, 79, 89 Plates to 3500 and 5000 ohms.	B	.94
K5938	R-38	10-Watt Universal Output. Any tubes to 10-watts to any voice coil .1 to 30 ohms	A	.88
K5939	R-39	10-Watt Line Matching; 250, 500, 1500 ohms to 2, 8, 15 ohms	B	.94
K5940	R-40	25-Watt Line Matching; 250, 500, 1500 ohms to 2, 8, 15 ohms	C	1.47

Filter and Audio Chokes

Stock No.	Type No.	Induct. Henrys	D.C. Ma.	Resist. Ohms D.C.	Size In.	Your Cost
K5914	R-14	12	40	250	B	\$0.53
K5915	R-15	15	30	450	B	.53
K5916	R-16	20	30	600	B	.65
K5917	R-17	25	30	1000	D	.71
K5918	R-18	10	75	250	D	.71
K5919	R-19	15	100	450	E	1.03
K5920	R-20	8	160	100	F	1.18
K5921	R-21	5/25	160	100	F	1.18
K5922	R-22	500	5	6000	D	1.03

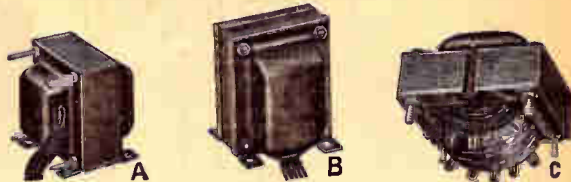
VARITAP Universal Mounting Audios



VARITAP duplicate audio transformers and filter chokes represent the acme in replacement transformer development. Attractive in appearance; the double shells and universal mounting brackets are finished in high lustre black. All mounting positions incorporate long slots for maximum flexibility. All coils are well shielded, vacuum impregnated and perfectly sealed to assure complete protection against adverse climatic conditions. Dimensions: Type A—2x2½x1½". Type B—3x2½x2½". Shpg. wt. each, 3 lbs.

Stock No.	Type No.	Description	Size In.	Your Cost
K5923	R-23	1 Plate to 1 Grid. Ratio 3½:1	A	\$1.03
K5924	R-24	1 Plate to 2 Grids. Ratio 2:1	A	1.09
K5925	R-25	2 Plates to 2 Grids. 1.5:1 step-up for Class A triodes	A	1.18
K5926	R-26	Driver, 1 Plate to 2 Grids. Single 4Z, 2A5, 6F6, 45 to AB 6L6's, 4Z, 2A5's, etc.	A	1.18
K5927	R-27	15-Watt Output. All tubes up to 15-watts to any voice coil from .1 to 30 ohms	A	1.03
K5928	R-28	35-Watt Output. All tubes up to 35-watts to any voice coil from .1 to 30 ohms	B	1.47
K5929	R-29	Mike to Grid. Single or double button mike or line to 1 grid	A	1.09
K5931	R-31	Filter Choke. 10 Henrys, 80 ma. (max. d.c.), 250 ohms	A	.88
K5932	R-32	Filter Choke. 10 Hy., 150 ma., 100 ohms	B	1.32

VARITAP All-Purpose Power X'formers



A new line of replacement power transformers featuring flexibility of application and sturdy, well engineered design. Each unit can be used to replace several different types of transformers now in use, so that a minimum stock is required to cover all demands. Type A units feature universal mounting. Leads are brought out through a single insulated opening, and units can be mounted upright, flush or on one side, as desired; universal flanges supplied. Type B units are standard vertical shielded transformers with long insulated leads. Type C units are for flush mounting and have lug terminals with windings marked. All cases finished in attractive black eggshell enamel.

Universal Mounting Transformers (type A)

Stock No.	Type No.	High Volt. Volts Ma.	Rect. Fil. Volts Amp.	Fil. #1 Volts Amp.	Fil. #2 Volts Amp.	Your Cost
K5901	R-1	650 @ 40	5 @ 2	6.3 @ 2 2.5 @ 4		\$1.47
K5902	R-2	700 @ 70	5 @ 3	6.3 @ 2.5 2.5 @ 8		\$1.76
K5903	R-3	700 @ 95	5 @ 3	6.3 @ 4.5 2.5 @ 4.5	2.5 @ 9	\$2.35
K5904	R-4	750 @ 120	5 @ 4	6.3 @ 5 2.5 @ 5	2.5 @ 15	\$2.94
K5905	R-5	770 @ 180	5 @ 4	6.3 @ 4 2.5 @ 6	6.3 @ 5	\$3.53

Vertical Shielded Transformers (type B)

Stock No.	Type No.	High Volt. Volts Ma.	Rect. Fil. Volts Amp.	Fil. #1 Volts Amp.	Fil. #2 Volts Amp.	Your Cost
K5911	R-11	700 @ 75	5 @ 3	6.3 @ 8 2.5 @ 3	2.5 @ 8	\$2.50
K5912	R-12	750 @ 100	5 @ 3	6.3 @ 4 2.5 @ 4	6.3 @ 2 2.5 @ 8	\$3.09
K5913	R-13	850 @ 200	5 @ 3	6.3 @ 5 2.5 @ 5	6.3 @ 3 2.5 @ 12	\$4.41

Flush Mounting Transformers (type C)

Stock No.	Type No.	High Volt. Volts Ma.	Rect. Fil. Volts Amp.	Fil. #1 Volts Amp.	Fil. #2 Volts Amp.	Your Cost
K5906	R-6	600 @ 50	5 @ 2	6.3 @ 2 2.5 @ 5		\$1.47
K5907	R-7	700 @ 75	5 @ 3	6.3 @ 3 2.5 @ 3	2.5 @ 8	\$1.91
K5908	R-8	750 @ 100	5 @ 3	6.3 @ 4 2.5 @ 4	2.5 @ 10	\$2.50
K5909	R-9	800 @ 125	5 @ 3	6.3 @ 4 2.5 @ 4	6.3 @ 2 2.5 @ 10	\$3.23
K5910	R-10	850 @ 200	5 @ 3	6.3 @ 5 2.5 @ 5	6.3 @ 8 2.5 @ 12	\$3.82

NOTE: All high voltage and filament windings are center-tapped. Primaries for 115 v., 50/60 cycles A.C.

Dimensions and Shipping Weights of All Units

Stock No.	Type No.	Dimensions W.xD.xH.	Wt. Lbs.	Stock No.	Type No.	Dimensions W.xD.xH.	Wt. Lbs.
K5901	R-1	3 x 2½ x 2½	4	K5907	R-7	8 x 2 x 3½	5
K5902	R-2	3 x 2 x 3	5	K5908	R-8	9½ x 3 x 3½	7
K5903	R-3	3½ x 3 x 3	6	K5909	R-9	4½ x 3½ x 4	8
K5904	R-4	4½ x 3½ x 3½	7	K5910	R-10	4½ x 3½ x 4½	10
K5905	R-5	4½ x 3½ x 4½	8	K5911	R-11	8 x 3½ x 3½	6
K5906	R-6	3 x 2½ x 2½	4	K5912	R-12	8½ x 3 x 4	8
				K5913	R-13	3 x 4½ x 4	10

TRUTEST FIELD EXCITER TRANSFORMERS



Open type with long color coded leads. Have primary, high voltage and rectifier filament windings. Will deliver full rated voltages and current efficiently. Primaries for use on 105-120 volts at 50-60 cycles a.c. Sturdy construction, will give

long, hard, service. Transformers average size: 3x2½x2 inches. Slotted mounting holes to fit any space easily.

K2291—Delivers 250 volts at 50 ma. with 80 rectifier. **\$1.45**
Your Cost Each...
K5506—Delivers 100 volts at 110 ma. with 80 rectifier. **\$1.95**
Your Cost Each...
K5507—Delivers 160 volts at 160 ma. with 83 rectifier. **\$2.25**
Your Cost Each...

Exciter Lamp Transformer



Supplies exciter lamp current for 8-volt lamps at 4 amperes, or for 10-volt lamps at 7.5 amperes. Has tapped secondary that permits instant changeover. Built with ample overload and safety margin. Supplied with either horizontal or vertical mounting brackets; specify type desired when ordering. Overall dimensions: 8½x3½x3". Shpg. wt. 5 lbs. **\$2.45**
K2019—Your Cost Each

Step Down Transformers 220 Volts to 110 Volts

Fully shielded with 6 foot heavy lamp cord for 220 volt line, and flush receptacle for 110 volt side. Delivers up to 160 watts. Size: 3½x4x5½". Shpg. wt. 9 lbs.

K1968—Your Cost **\$2.80**
K1969—Same as above but for units drawing up to 80 watts. Wt. 6 lbs. **\$2.05**
Your Cost...
Heavy duty step-down transformer, similar to above. 250 watts. 220-240 volts to 110-120 volts a.c. Wt. 10 lbs. **\$3.75**
K1422—Your Cost



Tube Tester Filament Transformer

Supplies voltages for all types of tubes, including battery and auto types. Color coded leads. Primary tapped for 105, 115, 125 volts, 50/60 cycles a.c. Secondary taps: 1½, 2, 2½, 3, 5, 6, 3, 7½, 12, 25, 30 volts. Standard strap mounting type, overall size: 2½x2½x2½", centers 3½". Shpg. wt. 3 lbs. **\$1.25**
K1967—Your Cost Each



THORARDSON Replacement AUDIO TRANSFORMERS

Plate-To-Grid Transformers

High quality units, all designed to match a 10,000 ohm plate (56, 76, 37, 27, 55, 85, 77, etc.) to a single class A grid delivering not more than 15 watts. Average Shpg. Wt. 3 lbs.

Stock No.	Thord. No.	Turn Ratio	Dimensions H. W. D.	Mtg. Type	Your Cost
K599	T-13A34	3:1	2 x 1 1/2 x 1 1/2	3B	\$0.79
K265	T-29A99	3.26:1	2 x 2 x 2 1/2	2B	1.03
K266	T-57A36	3.26:1	2 x 2 1/2 x 2 1/2	2F	1.18
K213	T-47A26	3:1	2 x 1 1/2 x 2 1/2	2C	1.03
K268	T-57A38	3:1	2 1/2 x 2 1/2 x 3	2F	1.62
K211	T-75A74*	2:1	2 x 2 1/2 x 2 1/2	2F	1.47

*—Has static shield between primary and secondary.

Push-Pull Input Transformers

Similar to above, but single plate (10,000 ohms) to push-pull grids. Stock No. K301, ordinarily a PP input transformer, may also be used as a tapped PP grid impedance with ratios of 1:1, 1:2, or 1:4 by connecting the primary and secondary in series, according to instructions furnished. Average Shpg. Wt. 3 lbs.

Stock No.	Thord. No.	Turn Ratio	Dimensions H. W. D.	Type	Your Cost
K600	T-13A35	3:1	1 1/2 x 2 x 1 1/2	3B	\$0.88
K281	T-33A91	3.26:1	2 x 2 x 2 1/2	2B	1.18
K237	T-86A03	3.26:1	2 1/2 x 2 x 2 1/2	3B	1.18
K216	T-14A29	3.26:1	2 1/2 x 1 1/2 x 2 1/2	2C	1.32
K282	T-57A39	3.26:1	2 x 2 1/2 x 2 1/2	2F	1.32
K283	T-57A40	3:1	2 1/2 x 2 x 3	2B	1.62
K284	T-57A41	3:1	2 1/2 x 2 1/2 x 3	2F	1.76
K301	T-74A31	1:1	2 1/2 x 2 1/2 x 3	2F	1.90
K601*	T-13A36	1:1	2 x 2 x 2 1/2	3B	1.03
K272*	T-58A70	1.5:1	2 1/2 x 2 1/2 x 3	2F	1.90

*—Indicates P.P. Plates (10,000 ohms ea.) to P.P. Grids.

Audio Reactors

For use in interstage coupling systems where the voltage drop caused by resistor coupling is objectionable. Also, for isolating plate current from transformer primaries.

Stock No.	Thord. No.	Induct. H.ys.	Max. D.C. Ma.	Mtg. Type	Shpg. wt. lbs.	Your Cost
K317	T-67C46*	510	10	6470	2B	1 1/2 \$1.03
K5497	T-29C27*	1080	8	6150	2B	1 .88
K333	T-18C92*	22	85	405	2B	1 1/2 1.03
K318	T-81C15†	.75	100	30	2B	1 1.47
K320	T-93C20†	250	8	6400	2B	1 1/2 1.76
K332	T-74C30†	42	15	2100	2B	1 .88

†—Indicates Plate Impedance. †—Indicates Tuned Audio Circuit, to accentuate a pre-determined band of frequencies.

Filtering Chokes

For receivers, amplifiers and transmitter application. All inductance ratings shown are with full rated current flowing through the winding. This listing contains a large variety of types and mountings. Average shpg. wt. 3 lbs.

Stock No.	Thord. No.	Mount. Type	Induct. H.ys.	Rated Ma.	Res. Ohms	Your Cost
K604	T-13C26	3B	7	40	590	\$0.53
K605	T-13C27	3B	10	40	475	.65
K606	T-13C28	3B	10	65	460	.70
K241	T-43C92	2C	10	75	266	.97
K252	T-47C07	3B	12	75	290	.97
K254	T-44C02	3B	12	80	405	.88
K287	T-57C51	2B	5	80	198	.88
K607	T-18C29	3B	9	85	250	.94
K334	T-68C07	2B	15	85	375	1.18
K289	T-57C53	2B	9.5	110	200	1.18
K290	T-57C54	2F	9.5	110	200	1.32
K365	T-49C91	2F	4.2	120	160	.88
K335	T-75C49	3B	7.2	120	290	.88
K269	T-17C00-B	2F	12	150	231	1.62
K608	T-13C30	2B	8	150	200	1.18
K336	T-74C29	2G	10	150	200	2.20
K310	T-67C49	2F	5	200	80	1.62
K366	T-75C51	2G	13	250	121	2.94

TRU-FIDELITY Audio Components

A new line of laboratory precision audio transformers featuring wide range frequency response averaging $\pm 1/4$ db. from 20 to 20,000 c.p.s.; high permeability core; maximum shielding from external fields; low distributed capacity and low leakage reactance. Complete instructions and curves supplied.



2C



2D



2E



2F



2G



3B, 3E

Output Transformers

Stock No.	Thord. No.	Class Oper. §	Ohms Pri.	Impedance Sec.	Max. Watts	Mtg. Fig.	Your Cost
K602	T-13S37	S; A	7000	1-2-4	5	3E	\$0.73
K376	T-13S39	S; A	4000	1-2-4	5	3E	.73
K276	T-33S99	P.P.; A&B	8000	6-40 12	10	2B	.73
K386	T-13S40	P.P.; A	14,000	1-2-4	10	3E	1.03
K387	T-81S01	P.P.; A&B	10,000	2-4-8	8	2B	.97
K388	T-17S10	S; A	2500	2-4-8-500	8	2F	2.06
K390	T-17S11	P.P.; AB	8000*	4-8-15-250-500	15	2F	2.35
K391	T-17S12	P.P.; AB	4300*	4-8-15-250-500	25	2F	2.35
K392	T-17S13	P.P.; AB	6600*	4-8-15-250-500	34	2G	3.82
K393	T-17S14	P.P.; AB	5500*	4-8-15-250-500	40	2G	3.82
K327	T-67S51	P.P.; A&B	14,000	4-8-15-500	20	2F	2.06
K329	T-67S48	P.P.; A&B	8000	4-8-15-500	25	2F	2.06
K273	T-58S72	P.P.; A&AB	3000	4-8-15-500	30	2F	2.20
K326	T-67S54	P.P.; A&AB	5000	4-8-15-500	30	2F	2.35
K331	T-67S92	P.P. Par. A and AB	1500	4-8-15-500	40	2F	2.35

K328	T-65S94	P.P.; A	8000	4-8-15-500	40	2F	2.35
K330	T-75S75	P.P.; AB; A&B	10,000	4-8-15-500	40	2F	2.35
K507	T-84S58	P.P.; AB	3800	4-8-15-500	60	2G	3.53
K364	T-89S75	P.P.; AB	6600	4-8-15-500	40	2F	2.35

*—10% feedback winding. §—Single, Push-Pull or P.P. Parallel specified as well as Class of Operation.

Universal Output Transformers

Stock No.	Thord. No.	Impedance	Adjust.	Mtg.	Your Cost
K603	T-13S38	Sin. 4000/7000	.1 to 8	3E	\$0.88
K278	T-57S01	or P.P.; 8000/10,000	.1 to 8	2E	1.18
K275	T-17S57	Cl. A 14,000 Ct.	29	2C	1.32
K354	T-13S42	S; A 1500/2000 4000/5000	Adjust. .1 to 29	3E	.88
K355	T-13S41	P.P.; A 3000/5000 6600/7000 8000/10,000	Adjust. .1 to 29	2E	1.76

Universal Tube To Line

Stock No.	Thord. No.	Impedance	Mtg.	Your Cost
K297	T-61S25	Univ. Single 2500/4000 5000/6000/7000	10	2E \$2.06
K298	T-61S26	Univ. P.P. 8000/10,000 12,000/14,000	10	2E 2.06

Universal Line To Speaker

Stock No.	Thord. No.	Line to V.C.	Impedance	Mtg.	Your Cost
K299	T-53S81	Line to V.C.	500/250 4-8-15	35	2D \$2.35
K506	T-60S48	1 to 6 V.C.'s to 500 ohm L.	500/1000 1500/2000 2500/3000	10	2E 1.76
K453	T-14S90	L. to V.C.	500 2-4-6-8	12	2E 1.18
K454	T-76S74	L. to Multiple spkrs.	500 250/166/125 (auto trans.) 100/84	30	2E 1.76

Low Imp. Source To Grid

Stock No.	Thord. No.	Application	Impedance Pri.	Ohms Sec.	Mtg. Fig.	Your Cost
K375	T-65A73	DB mike to grid	200 ct.	100,000	2F	\$1.62
K402	T-83A78	Butt. mike to grid	100	400,000	2F	1.18
K405	T-86A02	ditto	ditto	ditto	2B	1.03
K378	T-63A72	1, 2, 3 or 4 circuit mixer to grid	50, 100, 150, 200	100,000	2F	2.20
K428	T-83D21	Line to P.P. grids 616's or 50's (AB)	500	5100, 12,500	2F	2.06

Mike, Pick-Up To Line Or Mixer Transformer

K380	T-70A83	From Crystal Mike	100,000	200/50	2F	\$2.06
K244	T-14A90	From S. or P.P. pl.	20,000 ct	500/125	2F	\$1.47
K245	T-14A91	ditto	20,000 ct	200/50	2F	1.47

LINE, MIXER OR MIKE TO SINGLE GRID

T-90A00—Primary 500*/333/250/200*/125/50 ohms. Max. operating level ± 10 db. Max. d.c. 100 ma. per side. Secondary: 75,000/18,750 ohms. **\$10.00**

K565—Your Cost.

SINGLE TUBE TO LINE OR MIXER

T-90A01—Primary: 20,000/5000 ohms for 56, 76, 864, 6C6, 6J7 Triodes, etc. Max. operating level 20 db. Max. d.c. 10 ma. per side. Secondary: 500*/333/250/200*/125/50 ohms. **\$10.29**

K567—Your Cost.

SINGLE PLATE TO PUSH-PULL GRIDS

T-90A04—Primary: 10,000/2500 ohms for 56, 76, 864, 6C6, 6J7, etc. (no d.c. in primary). Max. operating level 15 db. Secondary 160,000/40,000 ohms. **\$8.82**

K569—Your Cost.

PUSH-PULL PLATES TO PUSH-PULL GRIDS

T-90A05—Primary: 20,000/5000 ohms for 56, 76, 864, 6C6, 6J7 triodes, etc. Max. operating level 20 db. Max. d.c. 10 ma. per side. **\$9.70**

K570—Your Cost.

CRYSTAL MIKE OR PHOTO CELL TO LINE

T-90A06—Primary: d.c. unbalance 0 ma. Secondary: 500*/333/250/200*/125/50 ohms. **\$10.58**

K571—Your Cost.

PUSH-PULL POWER TUBES TO VOICE COIL

T-90S08—Primary: 5000/3000/1250/750 ohms (for p.p. 2A3, etc.). Max. operating level 32 db. Max. d.c. 60 ma. per side. Secondary: 1.2513.75/7.5/10/15 ohms. **\$10.29**

K573—Your Cost.

AUDIO REACTOR

T-90C09—For parallel feed audio circuits, etc. 300 henrys at 8 ma. d.c. or 75 henrys at 75 ma. d.c. **\$7.35**

K574—Your Cost.

LINE TO VOICE COIL

T-90S12—Primary: 500*/333/250/200*/125/50 ohms. Max. operating level 30 db. Secondary 2.5/3.75/5/7.5/10/15 ohms. **\$10.58**

K577—Your Cost.

*—Indicates inductive and capacitive balance to center tap for use on balanced transmission lines.

Truest ALL PURPOSE Audio Components



Truest Standard Replacement Audio Transformers and Chokes

This line of Truest 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 Truest audio transformers are constructed using a high grade of silicon steel for core material. Coils are wound with unalloyed copper wire of the proper gauge for each particular application. Insulation is tested at 1250 volts a.c. Average size of units is 3 1/2 x 2 1/4 x 1 1/4"; mounting centers 2 3/4". Average shpg. wt. 3 lbs.

Truest Small 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 1/2 x 1 1/8". Mtg. centers 2 3/4" apart. Aver. shpg. wt. 1 lb.

Output Transformers

- K1553**—Output, Single '45 or 6F6 metal Triode type tube to 5-15 ohm voice coil. **65c**
Your Cost
- K1554**—Output Push-pull '45s or 6F6 metal Triode type tubes to 5-15 ohm voice coil. **67c**
Your Cost
- K1555**—Output, Single Pentode '47 or 6F6 metal Pentode to a 5-15 ohm voice coil. **65c**
Your Cost
- K1556**—Output, P.P. Pentodes, 47's, 6F6 metal Pentodes to a 5-15 ohm voice coil. **67c**
Your Cost
- K1564**—Output, Push-pull, 49's Class B, to a 5-15 ohm voice coil. **\$1.10**
Your Cost
- K1566**—Output, Push-pull 2A3's, to a 5-15 ohm voice coil of dynamic speaker. (2 1/2 x 3 x 2"). **\$1.79**
Your Cost

Microphone and Line

- K5448**—Single or double button mike to grid, 200 ohms each side of center tap. **82c**
Your Cost
- K1574**—Single plate like 56, 27, 6C5, etc., to 500, 200 or 50 ohm line. **90c**
Your Cost
- K1575**—Same as above, but p.p. plates.
- K1576**—50, 200 or 500 ohm line to grid. **90c**
Your Cost, Any Type
- K5494**—2, 4, 8 or 15 ohm dynamic speaker voice coil to 250 or 500 ohm line. **\$1.48**
Your Cost

Special Line Transformer

A special transformer with coil wound on a 1 1/2" core of special high permeability iron. Frequency characteristics exceptionally fine. **K1565**—500 to 250 ohm line to 1/2-3/4-1.5-2-2.5-4-6-8-10-15 ohm voice coil. **\$2.45**
Your Cost, Special

Filter Chokes

Current rating given is maximum d.c.

Stock No.	Induct. Henrys	Curr. M.A.	D.C. Res.	Your Cost
K1557	25	25	830	68c
K1558	11	60	300	65c
K1570	30	125	200	85c

Filament Transformers

Stock No.	Filament Volts	Filament Amperes	Your Cost
K2388	2.5 c.t.	5.25	68c
K2443	2.5 c.t.	5.25	\$1.19
K2387	2.5 c.t.	10.5	78c
K2441	5.0 c.t.	4.0	85c
K5495	6.3 c.t.	3.0	89c
K5496	7.5 c.t.	3.5	1.10

Audio Transformers

- K1550**—Audio, first or second stage of straight audio amplification. Ratio 3:1. **65c**
Your Cost
- K1551**—Push-pull Input, from single plate to 2 grids. Ratio 2.5:1. **75c**
Your Cost
- K1552**—Push-pull Inter-stage, between 2 plates and 2 grids. Ratio 1.75:1. **75c**
Your Cost
- K1562**—Push-pull Input, Split Secondaries (isolated), between 1 plate and 2 grids. Ratio 1.75:1. Has six leads. **\$1.08**
Your Cost
- K5491**—Push-pull Input, high impedance primary, to couple a screen grid or Pentode detector (24, 57, etc.) to p.p. 45's, 47's, 2A5's, etc. **\$1.45**
Your Cost

Audio Transformers

- K1619**—Interstage audio, ratio 3 1/2:1.
- K1620**—Push-pull Input, ratio 1 1/2:1.
- K1607**—Single Output: 46, 48, 71A, 43, etc. to 5-15 ohm voice coil.
- K1609**—Single Output: 47, 59, 33, 2A5, 89, 31, 27, 42, 18, etc., to 5-15 ohm voice coil.
- K1614**—Push-pull Output: 46, 48, 71A, 43, etc., to 5-15 ohm voice coil.
- K1615**—Push-pull Output: 47, 59, 33, 2A5, 89, 31, 20, 42, 18, etc., to 5-15 ohm voice coil. **49c**
Your Cost, Any Type

Transformer Audios

- K1627**—Single plate and carbon mike (200 ohms) to a single grid. **75c**
Your Cost
- K1628**—Driver transformer, single 30 to Class B 49, 19, 79, 6A6 grids. **89c**
Your Cost
- K1629**—Class B output, 49, 79, 19, 6A6 to secondary load 5000 or 3600 ohms. **75c**
Your Cost

Filter Chokes

- K1601**—10 henrys, d.c. resistance 200 ohms. Maximum d.c. 50 milliamperes.
- K1602**—11 henrys, d.c. resistance 250 ohms. Maximum d.c. 65 milliamperes.
- K1603**—13 henrys, d.c. resistance 350 ohms. Maximum d.c. 50 milliamperes. **29c**
Your Cost, Any Above Type
- K1604**—20 henrys, d.c. resistance 500 ohms. Maximum d.c. 35 milliamperes. **29c**
Your Cost

Universal Output Transformer

Matches single or p.p. Triodes or Pentodes, Class A or B, to any voice coil from .1 to 20 ohms. Diagrams furnished. Size: 1 1/4 x 1 1/8 x 3/8"; mounting centers 1/4" to 2". Shpg. wt. 3 lbs. **K1708** **75c**
Your Cost



Lafayette "P. A." Audio Transformers

Employ a high grade of high permeability core material. Each unit individually checked for response and overall performance.

Overall Dimensions

- Type A**—2 1/2" L, 3" W, 3" H; centers 1 1/2 x 2 1/4"
- Type B**—3 1/4" L, 4 1/2" W, 3" H; centers 2 1/4 x 3 3/4"
- Type C**—3 3/4" L, 4 7/8" W, 4 1/4" H; centers 3 1/4 x 4 1/4"



CLASS A OUTPUTS

- All secondary impedances of units listed below tapped for 500, 250, 15, 8, 5, 3 and 1.5 ohms.
- Primary 10000 and 6000 ohms plate to plate. Type B m'tg. **\$3.50**
K2592—Your Cost
- Primary 6600 ohms plate to plate (for 6L6's self-bias). 35 watts. Type C mounting. **\$5.00**
K2595—Your Cost
- Primary 3800 to 3300 ohms plate to plate (2 6L6's fixed bias or 4 6L6's self-bias). 75 watts. Type C mounting. **\$7.50**
K2598—Your Cost

Mixing Transformers

- For mixing a 500, 200 or 50 ohm line to a 500, 200 or 50 ohm line. Type A mounting. **\$2.95**
K2594—Your Cost

Heavy Duty P. A. Choke

- For P.A. amplifiers up to 20 watts. 30 Henrys, 200 ohms d.c. resistance, 125 ma. (max. d.c.). 3x3 3/4". Shpg. wt. 3 lbs. **\$95c**
K5638—Your Cost

CLASS A INPUTS

- From one plate to two grids. Ratio 2:1 each side. Split secondaries. Type A mounting. **\$2.50**
K2570—Your Cost
- From 2 plates to 2 grids. 1.75:1 ratio each side. Both primary and secondary in two sections. Type A mounting. **\$3.00**
K2571—Your Cost
- 500, 200 and 50 ohm line to single grid. Type A mounting. **\$3.25**
K2572—Your Cost

CLASS B INPUT

- Driver 46 or 59 plate to 46 or 59 grids. A mounting. **\$3.00**
K2555—Your Cost
- From a low level triode plate to 500, 200 or 50 ohms. Type A mounting. **\$3.25**
K2576—Your Cost

30 Henry Filter Chokes

- 30H., 50ma. max. d.c., resistance 450 ohms. 2 1/2 x 1 1/2 x 2 1/8". Shpg. wt. 3 lbs. **44c**
K246—Your Cost

Jefferson Audios Universal Outputs

Primary and secondary tapped to match all types of output tubes to any voice coil. 1 1/4 x 2 1/2 x 2". Instructions furnished. Shpg. wt. 2 lbs. **\$1.18**
K5432—Each



Same as above, but with oversized core. 2x2 1/2 x 2". **\$1.32**
K5433—Your Cost

Universal Inputs

For use as straight audio, p.p. input or double p.p. input. 1 3/4 x 2 1/2 x 2". Shpg. wt. 2 lbs. **\$1.18**
K5434—Your Cost

Same as above, but with oversized core. 2x2 1/2 x 2". **\$1.32**
K5435—Your Cost

Single-button mike to grid. 30 to 7000 c.p.s. 2x3 1/4 x 1 1/8". **94c**
K5447—Your Cost

Channel Frame Audios

- Type 467-403—Straight audio, ratio 1:3. Size: 2x3 1/4 x 1 1/8". Shpg. wt. 2 lbs. **\$94c**
K5443—Your Cost
- Type 467-404—P.P. Input, ratio 3:1. 2x3 1/4 x 1 1/8". **\$1.03**
K5444—Your Cost
- Type 467-410—P.P. Output. Primary 7000 ohms c.t. Secondary for 6-8ohm voice coil. 3 1/2 watts. 2x2 1/4 x 1 1/8". Shpg. wt. 2 lbs. **82c**
K5445—Your Cost

Universal Audio

- Universal mounting: same size as above.
- K1709**—Single pl. to single grid. 3:1.
- K1710**—Single pl. to p.p. grids. 2:1.
- Your Cost, Either Type **75c**

2-Button Mike Trans.

- Has a turn ratio of 1:45. Impedance ratio 1:2000. Flat response curve from 30 to 7000 c.p.s. 3 1/2 x 2 1/4 x 3 3/4". **95c**
K1929—Each

P. P. Inputs

- Fully shielded, lug terminals on bottom. High grade core material. Turns ratio 3:1. Size: 2x2 1/2 x 2 1/4". Shpg. wt. 2 lbs. **73c**
K1912—Your Cost
- Similar to the above, but terminals on sides. 2 1/2 x 2 1/4 x 2 1/4". **85c**
K5485—Your Cost

AEROVOX Exact Duplicate

a.c.-d.c. ELECTROLYTICS

Stock No.	Mfrs. No.	Cap. Mfd.	Wkg. Volts	Your Cost
ATWATER-KENT				
K4540	24602	8-8-8	150	\$0.97
K4541	24955	8-8-8	150	.97
K4538	26158	8-14-8	150	1.15
K4542	27592	4-8-10	450-450-25	1.12

BOSCH				
K3016	105237	4-8x20	450-450-50	1.23
K2800	CE9520	12-12x5-5	150x25	1.15
K4544	SA105722	4-12-8x4	150x25	1.26
K2954	104422	8-8-4	475-300	1.76
K3002	103950	8-8-4-4	450-350	1.62
K2809	CE9510	4-4	350	.73
	(Early Police)			
K2812	CE9510	4-4	350	.73
	(Late)			

BELMONT				
K3006	C-525-B	5-25-5	100	.94
K2953	A11099-1	5-25-5	200	1.15
K3018	C525C	5-25	100	.82
K2952	119-24B	5-5	200	.53

CLARION				
K2802	P4717	16-4	150	.70

COLONIAL				
K4546	R-8780-C	8-4	300-150	.64
K4550	R-10673	6-6-25	150-25	.94
K3135	R-8053	8-8-8	200	1.12

CROSLY				
K2976	W25857B	8-8	200-25	.59
K2977	W26119	8-4	150-300	.64
K2808	W26194B	12	475	1.21
K2974	W26870	8	25	.29
K3023	W26896	12-6	300-25	.91
K2804	W274880	8-6	25-300	.56
K3824	W27677A	8-8	100	.44
K2975	W28068	12	200	.56
K3825	W28468	8-12	350-475	1.32
K3826	W29097B	8-8-8	450-350-250	1.26
K504	W29150B	6-7-8	450-400-25	1.06
K3024	W29264A	16-16-8	125-100-20	1.18
K3025	W29804A	8-16-16	150	1.23
K3828	W29808	12	300	.70
K3827	B30017	4-8	450	.85
K3829	B30018	8-8	450	.94
K505	W30059A	8-8-8	450-250-450	1.29
K502	W30124	16-16-8	100-125-125	1.26
K3027	W30419	8-8	25-250	.65
K4551	W30962	8-25	150	.85
K505	W32374	8-8-8	450-250-450	1.29

DETROLA				
K3040	J312	8-8-8-4	150	1.12

EMERSON				
K3830	HC-81	4-4	200	.53
K3831	HC-82	5-5	35	.44
K2956	KC-68	4-8-16	175	1.06
K4554	GGC-137	8-16x5-5	150-25	1.21
K3031	KKC-143	12-8	150	.73
K4555	UUC-179	12-8x5-5	150-25	1.15
K3032	ZCC-192A	4-8-16	150	1.12
K3033	2CC-194	8-16	150	.85
K3030	2DC-203	8-16	150	.79
K2816	2CC-222	12-12	150	1.03
K3034	2WC-239	8-5x5	150-25	.85
K2820	ECC-129	3-8-4	150	.97
K2822	2LC-224	16-4-8	150	1.09
K2837	ZC-123	8-10	350	.88
K2838	4DC-345	16-18	150	.82
K4552	TC89	4-12-16	150	1.12
K4553	TT159	6-8-12	450-25	1.32

In the listing on this page, only the most popular replacement a.c.-d.c. electrolytic condensers are shown. However, we can supply any standard unit at the lowest net price. When ordering, be sure to specify make of set, model number and part number if possible, or send the defective unit to us for duplication. Orders will be filled with the utmost speed.

Stock No.	Mfrs. No.	Cap. Mfd.	Wkg. Volts	Your Cost
ERLA (Sentinel)				
K4558	9442	4-10x7-7	150	\$1.26
K4557	9982	8-8-20	100-150	1.06

FADA				
K3043	4-1362-MS	8-16	200	.94
K2851	4-1380-MS	8-8	250	.82
K4559	4-1450-MS	8-8-16	250-150-250	1.29
K2853	4-1451-MS	8	150	.50

GENERAL HOUSEHOLD UTILITIES (Grunow)				
K4566	30326	8-8-12	350-250	1.18
K3041	27151	4-8-20-4	25-150	1.29
			150-150	
K4565	30091-1	8-8x8x12-12	450-475-25	1.88
K2854	34119-6	5-5x10-10	50-350	1.41

INTERNATIONAL				
K3137	A-407	4-4	150	.50
K2855	A-408	5-5	85	.44
K4570	A-412	8-30	150	.91
K2856	A-421	8.5-3.5-3.5	150-150-25	.76
K2978	A-424	4-10-10	150	.97
K4297	A-426	2-7	100	.59
K2980	A-427	8.5-3.5-3.5	100-100-25	.70
K4571	A-425	10-10-4	150	.97
K2857	A-422	8-30	150	.68
	A-443			
K2859	A-430	4-10-10	150	.97
K2983	A-468	8-8-8-8	150-250	1.35

MAJESTIC				
K2984	4718	8	450	.56
K4569	6277	8-4-4	450	1.18
K2985	7489	16	450	.82
K2821	7824	8-16	300	.97
K3835	7988	7	150	.41
K2819	8118	20	30	.35
K2823	8755	4-8	450	.76
K2825	9661	8-10-16	150-25-150	1.06
K2827	9979	8-8	850	.82
K2831	10369	8-8	450	.88
K4568	10538	10-4-6	25-300-350	1.00
K3836	10827	10-8-8	25-350-350	1.09

MOTOROLA (Galvin)				
K4560	1388	8-8-25	350-25	1.18
K2986	1465	6-6	950	.70
K4564	1468	6-4-6	300x12	.82
K2987	2185	8-8-25	300x25	1.15
K2988	34	8-6-10	200-200-25	.82
K2989	8123	8-12	200	.79
K2990	4-8200	4-8	200	.64
K2991	1424	2-4	250	.64
K4563	1540	3-5-6	200-25	.79
K2807	8825	8-6-25	350-300-25	1.09
K2992	14-H37275	16-2-2-	450-450-	1.35
		25	450-25	
K4562	8426	4-8-5	350-200	1.09

Stock No.	Mfrs. No.	Cap. Mfd.	Wkg. Volts	Your Cost
RADIO KEG				
K2718		5-8-12	25-150-150	\$1.00
RCA-VICTOR				
K2930	6487	4-4-10-4	300-300-	1.21
	66155		150-25	
K2865	6492	3-6-1	200-100	.47
	66140-4			
K2929	6511	8-4-10	150-100-25	.79
	66160-2			
K3838	6518	8-8	250-175	.73
	66160			
K3839	6535	4-4	150-300	.53
K2867	6555	10-4	300-150	.73
	66143-2			
K2893	6661	8-8-5-5	450-450-	1.29
	66185-2		50-50	
K2889	6691	8-4-4-4	350-150-	1.21
	66189-2		300-25	
K3840	6703	8-4-4	350-150-	.97
	66189-1		300	
K2890	6783	8x8-4x	250x200x	2.12
	66171-1	10x8-8	25x200	
K2863	7589	4-4	150-450	.62
	66143			
K4786	11240	12	500	.68
	68597-5			
K4786	11203	12	500	.68
	68597-6			
K2864	86122-2	4-4	250	.53
K2993	K12J6	12-8	450	.91
K2940	K12J11	12-8-8-10	450-450-	1.29
			850-25	

SILVERTONE				
K2943	148	10-10-8-14	25-150	1.21
SIMPLEX				
K2944	Model V	4-20	200	.82
STEWART WARNER				
K4579	81959	4-13-7	150	.97
K3842	83111	8-8-5-5	250-250-	1.15
			25-25	
K4581	83962	10-5	25-350	.79

UNITED MOTORS (Delco)				
K4582	6508	8-8-4-4	350-350-	1.21
			25-25	
K4584	4038	10-10	300	.91
K3843	6201	4-4-12	200	1.00
K4551	A-443341	8-25	150	.85
K2936	R18183	8-8-12	250-250-25	1.06
	1210514			
K2937	1210885	8-8-12-5	350-25-50	1.26
K2938	1209285	12-8-8	25-350	1.15
K2836	1209047	12-8-8	25-350	1.09

U. S. RADIO & TEL.				
K3843	6219	4-4-12	200	1.00
K4583	2701	8	300	.52
WELLS GARDNER				
K3844	80944-E	4-12-16	150	1.09

WURLITZER (Lyric)				
K4588	35-8715	8-8-10	450-450-25	1.18
K4589	37-3773	4-8-10	250-25	.97
K4587	3764	12-16-10	150-25	1.09
ZENITH				
K3010	22-236	8-8-10	300-300-25	1.12
K2941	22-484F	4-16-8-4	250	1.59
K2910	22-407B	2-4-8	450	1.15
K3149	22-416F	8-8-2	450	1.18
K2942	22-412C	8-4-16	475	1.47
K3147	22-481F	4-8-16	150	1.09


AEROVOX Cardboard Replacement Units



Universal replacement dry electrolytics provided with spade lugs for mounting. Container insulated and sections have separate color coded leads. All are 1" diameter and 4 1/2" high. Ideal for replacements in midjet radios.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K4813	8-8	450	\$0.88
K4814	8-16	450	1.12
K4815	12-16	200	.91
K4816	14-8x10-10	150-25	1.21
K4817	16-8x10-10	200x25	1.21
K4818	16-12x10-10	200x25	1.26

Midget Micacs



Ruby mica dielectric, 500 volts d.c. working. Case size, 5/8" wide, 1 1/2" long. Case mounting centers, 1 1/4"; lug mounting centers, 1 3/8".

Stock No.	Cap. Mfd.	List Price	Your Cost
K4591	.00005	\$0.15	9c
K4592	.0001	.15	

AEROVOX - Dependable Quality - CONDENSERS

Cardboard Tubular Dry Electrolytics



PR450—450 V. D.C. Working

Stock No.	Cap. Mfd.	Size—Dia.—Long	Your Cost
K4676	2	3/8 x 2 1/4	\$0.38
K4677	4	3/8 x 2 1/4	.44
K4678	8	1 1/8 x 2 3/4	.56

PR200—200 V. D.C. Working

Stock No.	Cap. Mfd.	Size—Dia.—Long	Your Cost
K4680	4	3/8 x 2 1/4	.38
K4682	8	3/8 x 2 1/4	.47
K4683	10	3/8 x 2 1/4	.53

PR100—100 V. D.C. Working

Stock No.	Cap. Mfd.	Size—Dia.—Long	Your Cost
K4684	5	3/8 x 2 1/4	.32
K4685	10	3/8 x 2 1/4	.41
K4687	20	7/8 x 2 1/2	.53
K4688	25	1 1/8 x 2 3/4	.56

Type PR50—50 V. D.C. Working

Stock No.	Cap. Mfd.	Size—Dia.—Long	Your Cost
K4689	5	3/8 x 2 1/4	\$0.29
K4690	10	3/8 x 2 1/4	.38
K4692	20	7/8 x 2 1/2	.44
K4693	25	1 1/8 x 2 3/4	.47
K4694	50	1 1/8 x 2 3/4	.70
K4695	5-5	3/8 x 2 1/4	.44

Type PR25—25 V. D.C. Working

Stock No.	Cap. Mfd.	Size—Dia.—Long	Your Cost
K4696	5	3/8 x 2 1/4	.29
K4697	10	3/8 x 2 1/4	.35
K4699	20	7/8 x 2 1/2	.39
K4700	25	1 1/8 x 2 3/4	.38
K4701	50	1 1/8 x 2 3/4	.56
K4702	5-5	3/8 x 2 1/4	.44
K4703	10-10	3/8 x 2 1/4	.44

Universal Mounting Dry Electrolytics



Furnished with mounting rings for universal mounting. Hermetical sealing maintains original operating characteristics. Multiple units contain separate sections with common negative grounded to can. Exact replacements for many of the older sets on the market today (Sparton, Zenith, etc.).

Type E-450—Multiple Section 525 V. Surge—450 V. D.C. Work

Stock No.	Cap. Mfd.	Size—Dia.—H.	Your Cost
K4630	8-8	2 1/8 x 4 1/2	\$1.05
K4494	5-15	2 1/8 x 4 1/2	1.35
K4631	8-8-8	3 x 4 1/2	1.59
K4632	9-9-18	3 x 4 1/2	2.20

High Capacity Low Voltage Condensers



12 Volts D.C. Wkg. Voltage



Designed for use in filter circuits of "A" eliminator units. Also suited for use across the field windings of low voltage dynamic speakers. In round cans with lugs or rectangular metal cans with leads.

Round Can Type

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4808	1000	2 1/2 x 4 1/2	\$2.08
K4809	2000	2 1/2 x 4 1/2	3.71
K4810	4000	3 x 4 1/2	7.04

Rectangular Cans

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4811	1000	5 x 4 x 1 1/2	\$2.08
K4812	2000	5 x 4 x 1 1/2	3.71

"DANDEE" Ultra-Compact Tubular Dry Electrolytics



Smaller than midgets—they fit in the most limited space—yet all are full rated capacity, have excellent power factor and containers with varnished paper sleeves.

low leakage. In aluminum

Stock No.	Cap. Mfd.	Wkg. Volts	Size—Ins.	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Size—Ins.	Your Cost
K700	10	25	3/8 x 1 1/4	24c	K718	4	250	1 1/8 x 1 1/4	26c
K701	25	25	3/8 x 1 1/4	29c	K723	8	250	1 1/8 x 1 1/4	29c
K702	10	50	3/8 x 1 1/4	26c	K724	12	250	1 1/8 x 1 1/4	38c
K703	25	50	3/8 x 1 1/4	32c	K725	16	250	1 1/8 x 1 1/4	44c
K704	10-10	50	3/8 x 1 1/4	38c	K726	4	350	1 1/8 x 2 3/8	29c
K741	4	150	3/8 x 1 1/4	24c	K737	8	350	1 1/8 x 1 1/4	32c
K742	8	150	3/8 x 1 1/4	26c	K738	12	350	1 1/8 x 2 3/8	41c
K748	12	150	1 1/8 x 1 1/4	29c	K739	16	350	1 1/8 x 2 3/8	47c
K749	16	150	1 1/8 x 1 1/4	32c	K753	4	450	1 1/8 x 1 1/4	32c
K750	24	150	1 1/8 x 2 3/8	35c	K754	8	450	1 1/8 x 1 1/4	35c
K751	30	150	1 1/8 x 2 3/8	38c	K755	12	450	1 1/8 x 2 3/8	44c
K752	40	150	1 1/8 x 2 3/8	41c	K756	16	450	1 1/8 x 2 3/8	52c

SPACE SAVER MIDGET ELECTROLYTICS

Compact dry electrolytic units housed in heavy impregnated cardboard containers and fully sealed. Wire leads are color coded for polarity. All feature the "Adjustmount", comprising a swivel mounting flange with slotted holes to fit any mounting hole spacings. Units can be mounted flat or upright; units can be stacked by overlapping the metal flanges.



Type PBS450—525V. Surge 450 V. D.C. Working

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4633	2	1/2 x 3/4 x 2 1/4	\$0.38
K4634	4	1/2 x 1 x 2 1/4	.44
K4635	8	1 1/8 x 1 1/2 x 2 1/4	.55
K4636	10	1 1/8 x 1 3/4 x 2 1/4	.67
K4637	12	1 1/8 x 1 7/8 x 2 1/4	.76
K4495	16	1 1/8 x 1 7/8 x 2 1/4	.85

Type PBS450—525 Volts Surge 450 Volts D.C. Working

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4644	4-4	1 1/4 x 1 1/2 x 2 1/4	\$0.70
K4645	8-8	1 1/4 x 1 3/4 x 2 1/4	.88
K4491	8-16	1 1/4 x 1 3/4 x 3	1.11
K4650	8-8-8	1 1/4 x 1 3/4 x 3	1.29

Type PBS25—40 Volts Surge 25 Volts D.C. Working

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4496	5	3/8 x 3/4 x 2 1/4	\$0.29
K4497	10	3/8 x 1 x 2 1/4	.29
K4498	25	1 1/8 x 1 1/2 x 2 1/4	.38

Type PBS50—75 Volts Surge 50 Volts D.C. Working

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4499	5	3/8 x 3/4 x 2 1/4	\$0.29
K4500	10	3/8 x 1 x 2 1/4	.38

Grounded and Insulated Metal Can Units



Insulated type (I450) has negative lug riveted to can. Negative can in grounded unit. Both 525 v. surge, 450 v. d.c. working. 1 1/8" diam.

Ins. No.	Grd. No.	Cap. Mfd.	Ht. In.	Your Cost
K4659	K4508	4	2 3/4	50c
K4660	K4509	8	4 1/4	61c
K4661	K4510	12	4 1/4	82c
K4662	K4511	16	5 1/4	91c

Cardboard Dries



Same as specs. as metal can units. Flanges.

Type P450—Single Section 525 V. Surge—450 V. D.C. Work

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4671	4	3/8 x 1 1/4 x 4 1/2	44c
K4672	8	1 1/8 x 1 1/4 x 4 1/2	55c
K4673	16	1 1/8 x 1 1/4 x 4 1/2	85c

Type PBM450—Double Section

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4674	4-4	1 1/4 x 1 1/2 x 4 1/2	70c
K4675	8-8	1 1/4 x 1 1/2 x 4 1/2	88c

Type PBS—High Surge 600 Volts D.C. Working

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4501	4	1 1/8 x 1 1/2 x 2 1/4	\$1.03
K4502	8	1 1/8 x 1 3/4 x 2 1/4	1.44

Type PBS250—300 Volts Surge 250 V. D.C. Working—Singles

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4638	2	3/8 x 3/4 x 2 1/4	\$0.32
K4639	4	3/8 x 3/4 x 2 1/4	.38
K4640	8	3/8 x 1 x 2 1/4	.47
K4641	10	3/8 x 1 x 2 1/4	.53
K4642	12	3/8 x 1 1/2 x 2 1/4	.55
K4643	16	1 1/8 x 1 1/2 x 2 1/4	.61
K4503	20	1 1/8 x 1 3/4 x 2 1/4	.70
K4504	25	1 1/8 x 1 3/4 x 2 1/4	.73
K4505	30	1 1/8 x 1 3/4 x 2 1/4	.82

Type PBS250—300 Volts Surge 250 V. D.C. Working—Doubles

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4646	4-4	1 1/8 x 1 1/2 x 2 1/4	\$0.52
K4647	8-8	1 1/8 x 1 1/2 x 2 1/4	.73
K4648	8-16	1 1/8 x 1 1/2 x 2 1/4	.85
K4506	12-16	1 1/8 x 1 1/2 x 2 1/4	.94
K4507	16-16	1 1/8 x 1 1/2 x 2 1/4	.97

Type PBS250—300 Volts Surge 250 V. D.C. Working—Triples

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4649	8-8-8	1 1/8 x 1 1/2 x 2 1/4	1.11
K4492	8-8-16	1 1/8 x 1 1/2 x 2 1/4	1.23

Inverted Dry Electrolytics

Provided with a lock-washer, nut and 3/4" screw bushing. Available in single and double section units with separate terminal leads. Double section units are provided with four leads; triple section units have six leads. Can is insulated.



Type GL-450 Single Section 525 V. Surge—450 V. D.C. Work

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4651	4	1 1/8 x 3 1/4	50c
K4652	8	1 1/8 x 4 1/4	61c
K4653	12	1 1/8 x 4 1/4	82c
K4654	16	1 1/8 x 5 1/4	91c

Double Section Units 525 V. Surge—450 V. D.C. Work

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4655	4-4	1 1/8 x 4 1/4	76c
K4656	8-8	1 1/8 x 4 1/4	94c

Triple Section Units 525 V. Surge—450 V. D.C. Work

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4657	4-4-4	1 1/8 x 3 1/4	\$1.18
K4658	8-8-8	1 1/8 x 4 1/4	1.41

Type GL600—Single Units High Surge—600 V. D.C. Work

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4516	4	1 1/8 x 4 1/4	\$1.08
K4517	8	1 1/8 x 5 1/4	1.52

PAPER TUBULARS

Non-inductively wound, and wax-impregnated.



200-VOLT			400-VOLT		
No.	Each	Mfd.	No.	Each	Mfd.
.....	.....	.001	K4725	.....	.....
.....	.....	.002	K4726	.....	.....
.....	.....	.003	K4727	.....	.....
.....	.....	.005	K4728	.....	.....
.....	.....	.006	K4729	.....	.....
.....	.....	.01	K4731	.....	.....
.....	.....	.015	K4732	.....	.....
.....	.....	.02	K4733	.....	.....
.....	.....	.03	K4734	.....	.....
.....	.....	.05	K4735	.....	.....
K4714	8c	.05	K4736	.....	.....
K4715	10c	.06	K4737	.....	.....
K4716	11c	.1	K4738	.....	.....
.....	.....	.15	.....	.....	.....
K4718	14c	.25	K4739	.....	.....
K4720	18c	.5	K4741	.....	.....
K4721	26c	1.0	K4742	.....	.....
.....	.....	.01-.01	K4743	.....	.....
.....	.....	.05-.05	K4744	.....	.....
.....	.....	-1.1	K4745	.....	.....

600-VOLT			1000-VOLT		
No.	Each	Mfd.	No.	Each	Mfd.

SOLAR CONDENSERS QUALITY ABOVE ALL!

Inverted Can Type Dry Electrolytics



Standard size, mounts in $\frac{3}{4}$ " hole; caps insulated from sections. Flexible wire color-coded leads for each section. $1\frac{1}{2} \times 4\frac{1}{2}$ ".

Stock No.	Cap. Mfd.	D.C. Voltage	Peak	Your Cost
K2840	8	525		\$0.61
K2841	4 + 4	525		.76
K2734	4 + 8	525		.85
K2842	8 + 8	525		.94

Tubular Paper Units

Double vacuum impregnated in treated cardboard tubes, with spun ends. Non-inductively wound with tinfoil.



400 Working Volts D.C.				
Stock No.	Cap. Mfd.	Dimen. In.	Your Cost	
K811	.05	$\frac{1}{2} \times 1\frac{1}{2}$	9c	
K812	.1	$\frac{3}{4} \times 1\frac{1}{2}$	12c	
K813	.2	$\frac{3}{4} \times 2$	15c	
K814	.25	$\frac{3}{4} \times 2$	15c	
K815	.5	1 x 2	21c	
K816	1.0	$1\frac{1}{2} \times 2$	29c	
600 Working Volts D.C.				
K817	.001	$\frac{3}{4} \times 1$		9c
K818	.0025	$\frac{3}{4} \times 1$		
K819	.005	$\frac{3}{4} \times 1$		9c
K820	.01	$\frac{3}{4} \times 1$		
K821	.02	$\frac{3}{4} \times 1$		
K822	.05	$\frac{1}{2} \times 1\frac{1}{2}$	12c	
K823	.06	$\frac{1}{2} \times 1\frac{1}{2}$	15c	
K824	.01	$\frac{1}{2} \times 1\frac{1}{2}$	7c	
K825	.02	$\frac{1}{2} \times 1\frac{1}{2}$	21c	
K826	.05	$\frac{3}{4} \times 1\frac{1}{2}$	29c	
K827	.1	$\frac{3}{4} \times 2$		
K828	.2	$\frac{3}{4} \times 2$		
K829	.25	$\frac{3}{4} \times 2$		
K830	.5	$1\frac{1}{2} \times 2$		

SOLAR "MINICAP" Ultra-Compact Dry Electrolytics



A line of ultra-compact, high-gain etched foil dry electrolytic condensers housed in hermetically sealed metal cans. The cathode tab is riveted to the container, and the anode tab is heavy aluminum riveted to external lead through a composite rubber and bakelite washer. Cardboard insulating tube gives thorough insulation at sides and ends to prevent contact to external wiring. Dual units have common negative lead, grounded to center mounting strap.

Stock No.	Cap. Mfd.	Wkg. Volts	Size Inches	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Size Inches	Your Cost
K850	10	25	$1\frac{1}{2} \times 1\frac{1}{4}$	24c	K862	8	250	$1\frac{1}{2} \times 1\frac{1}{4}$	29c
K851	25	25	$1\frac{1}{2} \times 1\frac{1}{4}$	29c	K863	16	250	$1\frac{1}{2} \times 1\frac{1}{4}$	44c
K852	8	100	$1\frac{1}{2} \times 1\frac{1}{4}$	24c	K864	8	450	$1\frac{1}{2} \times 1\frac{1}{4}$	35c
K853	16	100	$1\frac{1}{2} \times 1\frac{1}{4}$	29c	K865	12	450	$1\frac{1}{2} \times 1\frac{1}{4}$	44c
K854	30	100	$1\frac{1}{2} \times 1\frac{1}{4}$	35c	K866	16	450	$1\frac{1}{2} \times 1\frac{1}{4}$	53c
K855	4	150	$1\frac{1}{2} \times 1\frac{1}{4}$	24c	K867	20	450	$1\frac{1}{2} \times 1\frac{1}{4}$	59c
K856	8	150	$1\frac{1}{2} \times 1\frac{1}{4}$	26c	K868	8	525	$1\frac{1}{2} \times 1\frac{1}{4}$	53c
K857	12	150	$1\frac{1}{2} \times 1\frac{1}{4}$	29c	K869	10-10	25	$1\frac{1}{2} \times 1\frac{1}{4}$	35c
K858	16	150	$1\frac{1}{2} \times 1\frac{1}{4}$	32c	K870	8-8	150	$1\frac{1}{2} \times 1\frac{1}{4}$	47c
K859	24	150	$1\frac{1}{2} \times 1\frac{1}{4}$	35c	K871	8-16	150	$1\frac{1}{2} \times 1\frac{1}{4}$	53c
K860	30	150	$1\frac{1}{2} \times 1\frac{1}{4}$	38c	K872	16-16	150	$1\frac{1}{2} \times 1\frac{1}{4}$	59c
K861	40	150	$1\frac{1}{2} \times 1\frac{1}{4}$	41c	K873	8-8	350	$1\frac{1}{2} \times 1\frac{1}{4}$	56c
					K874	8-8	450	$1\frac{1}{2} \times 1\frac{1}{4}$	59c

"Little Giant" Dry Electrolytics



Extremely compact units that have full rated capacities, low power factor and minimum leakage. In impregnated cardboard containers with metal flanges. All 525 volts peak (50 wkg.)

Stock No.	Cap. Mfd.	Dimensions Inches	Your Cost
K3475	2	$2\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2}$	\$0.38
K3476	4	$2\frac{1}{2} \times 1 \times \frac{1}{2}$	.44
K3477	6	$2\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	.53
K3478	8	$2\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	.56
K3479	10	$3\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	.76
K3480	12	$3\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	.76
K3459	16	$2\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	.85
K3460	8-8	$2\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	.85
K3461	8-8-8	$2\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	1.29

"MINICAP" Compact Wet Electrolytics

A series of ultra-compact wet electrolytics housed in aluminum containers 1" in diameter, 1" high. Threaded base; mounting nut furnished. Lug terminals. Non-freezing type. For inverted mounting. Ideal for mid-get sets.



Stock No.	Cap. Mfd.	Peak Volts	Your Cost
K840	8	500	44c
K841	8	850	41c
K842	12	350	44c
K843	8	250	38c
K845	16	250	44c
K845	8	150	35c
K846	16	150	41c
K847	24	150	44c

Inverted Can Type Wet Electrolytics



Metal can is negative terminal; $1\frac{1}{2}$ " diameter, $4\frac{1}{4}$ " high. Self-heating type, withstand temporary excessive voltage without harm. Low leakage, full and well maintained capacitance, excellent power factor.

Stock No.	Cap. Mfd.	D.C. Voltage	Peak	Your Cost
K2725	8	600		\$0.88
K2727	8	500		.56
K2728	10	500		.64
K2729	12	500		.68
K2732	16	500		.73
K2730	20	500		.88
K2731	30	500		1.18

Standard Cardboard Dry Electrolytics



High quality electrolytics enclosed in impregnated cardboard containers. Single section units have lug terminals; multiple section units provided with wire leads. All 450 volts working voltage, 500 volts peak.

Single Sections—2 lugs				
Stock No.	Cap. Mfd.	Dimensions Inches	Your Cost	
K2844	4	$2\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	5c	\$0.44
K2845	8	$4\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	7c	.56
K2745	10	$4\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	7c	.67
K2746	12	$4\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	7c	.86
K2747	16	$4\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	7c	.75
Multiple Sections—4 leads				
K2846	4-4	$4\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	7c	.70
K2748	4-8	$4\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	7c	.78
K2847	8-8	$4\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$	7c	.88



"DOMINO" Paper Condensers

Special flat units molded into treated bakelite cases and provided with long bare wire leads. Completely sealed; moisture proof. Approximate size: $1\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2}$ ". Capacities stamped in case.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K4200	.01	1000	
K4201	.02	1000	
K4202	.03	1000	
K4203	.04	1000	
K4204	.05	1000	
K4205	.06	1000	
K4206	.01	1000	18c
K4207	.01	600	21c
K4208	.02	600	
K4209	.03	600	
K4210	.04	600	
K4211	.05	600	
K4212	.06	600	
K4213	.01	600	15c

15c

12c

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K4214	.02	600	18c
K4215	.05	600	18c
K4216	.01	400	12c
K4217	.02	400	15c
K4218	.05	400	15c
K4219	.1	400	15c
K4220	.01	200	11c
K4221	.02	200	12c
K4222	.05	200	12c
K4223	.1	200	15c
K4224	.15	200	15c
K4225	.2	200	18c
K4226	.25	200	18c

10% DISCOUNT LOTS OF 100

"Postage Stamp" Micacs



Tiny bakelite housed units only $\frac{3}{4}$ " square. Terminals are securely anchored. All capacities marked.

Leads No.	Lugs No.	Cap. Mfd.	Your Cost
K3403	K3429	.00005	
K3405	K3431	.0001	
K3407	K3433	.0002	
K3408	K3434	.00025	
K3409	K3435	.0003	
K3410	K3436	.0004	
K3411	K3437	.0005	
K3416	K3442	.001	8c per doz.
K3418	K3444	.002	9c
K3419	K3445	.0025	12c

Compact Uncased Paper Sections

Hang-up type paper units, compact type. Well sealed with varnished wrappers. Long flexible leads.

400 Working Volts D.C.				
Stock No.	Cap. Mfd.	Dimen. Inches	Your Cost	
K831	1.0	$2\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2}$	\$0.44	
K832	2.0	$2\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2}$	.67	
K833	4.0	$2\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2}$	1.18	
600 Working Volts D.C.				
K834	1.0	$2\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2}$	.59	
K835	2.0	$2\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2}$	.79	
K836	4.0	$2\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2}$	1.59	
1000 Working Volts D.C.				
K837	0.5	$4\frac{1}{2} \times 2 \times \frac{1}{2}$	.59	
K838	1.0	$4\frac{1}{2} \times 2\frac{1}{4} \times \frac{1}{2}$	.88	
K839	2.0	$4\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{2}$	1.47	

SOLAR ELIMINATORS AND FILTERS

NOISE ELIMINATORS

TYPE RA
For use directly at the receiver where a low intensity noise is being received through the power line. Fits on plug legs on line cord of set and is then inserted in power receptacle. Rated at 110 volts, 5 amperes, maximum, a.c. or d.c.
K12432—Your Cost... 24c

AE RAZOR FILTER

Does your electric razor interfere with radio reception when you shave? This ELIM-O-STAT filter eliminates the radio noise to which all electric razors give rise. Works on both a.c. or d.c. lines and uses no current; just plug razor into the filter and insert filter plug in socket. Underwriters Approved.
K12424—Each... \$1.47

TYPE RB

Eliminates noises originating in the power line. Also suitable for use as an electric razor filter. Plug end fits into electric outlet; set or razor plugs into it. Fully Underwriters Approved. Rated 5-amps., 110 volts.
K12433—Your Cost... 44c

TYPE RN

Designed to prevent all types of radio noises from passing to the receiver from the power line. Employs sectional band-suppression circuit. With long, approved cord and plug. Rated at 110 volts, 3 amps. Fully approved by Underwriters Labs.
K12434—Your Cost... \$2.94

TYPE AD

For small appliances and radios. Eliminates line noises. Plugs directly into the power line and has ground post for frame of unit. Rated 110 volts at 5 amps. (max.) a.c. or d.c. Approved.
K12436—Your Cost... 73c

"JUMBO" ELIM-O-STAT

A universal noise eliminator that can be used with radio receivers or electrical appliances such as fans, refrigerators, etc. Easy to install. Will give years of service. Complete with approved cord and plug. In black lacquer finish metal can. Approved. Shpg. wt. 5 lbs.
K12684—Your Cost... \$2.45

We can supply any Solar Item not listed here at standard discount from list prices.

THE "450" LINE

SPRAGUE Famous Condensers

THE "600" LINE

"600" LINE Inverted Can-Type Dry Electrolytics



This inverted aluminum can type dry electrolytic with special screw thread mounting is in great demand. Unusual small size for compact receivers. Furnished with hardware for insulating can from mounting. Continuous working voltage, 475; maximum surge voltage, 600. Can also be used for upright mounting. (*) Has 4 leads.

Stock No.	Cap. Mfd.	Size—Ins. L D	Your Cost
K2616	4	3 1/2 x 1	\$0.73
K2618	8	4 1/2 x 1 1/2	.88
K2767	12	4 1/2 x 1 1/2	1.21
K2768	16	4 1/2 x 1 1/2	1.35
K2676*	8-8	4 1/2 x 1 1/2	1.41

500-Volt Wets



Inverted mounting type, furnished with mounting nut. Can is negative. Chrome-plated cans prevent corrosion and deterioration. Hidden vent is non-tamperable. Self-healing can withstand high peak voltages. D.C. voltage, 500.

Stock No.	Cap. Mfd.	Size—Ins. L D	Your Cost
K2914	8	4 1/2 x 1 1/2	\$0.56
K2915	10	4 1/2 x 1 1/2	.62
K2923	12	4 1/2 x 1 1/2	.68
K2720	16	4 1/2 x 1 1/2	.79
K2721	18	4 1/2 x 1 1/2	.88
K2765	25	4 1/2 x 1 1/2	.97
K2766	30	4 1/2 x 1 1/2	1.00

Up-Right Can-Type Dry Electrolytics



Cased in substantial aluminum cans with mounting brackets. Continuous working voltage, 475; maximum surge voltage, 600. (*) Has four leads. (†) Has nut-bolt terminals. Impervious to heat and moisture.

Stock No.	Cap. Mfd.	Size—Ins. L D	Your Cost
K2601	4	3 1/2 x 1	\$0.73
K2603	8	4 1/2 x 1 1/2	.88
K2607*	8-8	4 1/2 x 1 1/2	1.41
K2609†	8-8-8	4 1/2 x 2 1/2	2.35

Cardboard Cased Dry Electrolytics

Type D.C. 475 volts working; 600 volts surge. (*) Have 4 leads. Colored pig-tail leads.



Stock No.	Cap. Mfd.	Size—Ins. L W T	Your Cost
K2646	2	2 3/4 x 1 x 1	\$0.56
K2647	4	4 1/2 x 1 3/4 x 3/4	.68
K2649	4	4 1/2 x 1 3/4 x 1	.79
K2651*	4-4	4 1/2 x 1 3/4 x 1	1.06
K2653	4-8	4 1/2 x 1 3/4 x 1 1/4	1.18
K2655	6-8	4 1/2 x 1 3/4 x 1 1/4	1.29
K2656*	8-8	4 1/2 x 1 3/4 x 1 1/4	1.29

SPRAGUE "ATOMS" Ultra-Compact Dry Electrolytics



A new line of ultra-compact etched-foil dry electrolytics featuring extremely low leakage, high surge voltage and exceptionally good shelf life. Atoms are housed in tubular metal containers

covered by a cardboard outer tube that insures perfect insulation. Bare wire leads are riveted, and provide perfect contact. Ideal for use where space is limited.

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K769	10	25	3/8 x 1 1/8	24c	K778	4	450	3/8 x 1 1/8	32c
K770	25	25	3/8 x 1 1/8	29c	K779	8	450	3/8 x 1 1/8	35c
K771	25	50	3/8 x 1 1/8	32c	K780	12	450	3/8 x 1 1/8	44c
K772	4	150	3/8 x 1 1/8	24c	K781	16	450	3/8 x 1 1/8	53c
K773	8	150	3/8 x 1 1/8	26c	K782	20	450	3/8 x 1 1/8	59c
K774	12	150	3/8 x 1 1/8	29c	K783	10-10	50	3/8 x 2 3/8	38c
K775	16	150	3/8 x 1 1/8	32c	K784	12-12	200	3/8 x 2 3/8	56c
K776	20	150	3/8 x 1 1/8	35c	K785	8-16	200	3/8 x 2 3/8	56c
K777	40	150	3/8 x 1 1/8	38c	K786	8-8	450	3/8 x 2 3/8	59c
					K787	16-16	200	3/8 x 2 3/8	62c

SPRAGUE "450" LINE

"TINY MIKE" Can Type Dry Electrolytics



Look at their small size! Yet big in performance. 450 volts working; 525 volts surge. Employ etched foil. With pinout.

Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K2795	4	1 x 2 3/4	50c
K2796	8	1 x 3	62c
K2797	12	1 x 3	82c
K2798	16	1 x 3	91c
K2799	8-8*	1 1/2 x 3	94c

* Has four leads.

Cardboard Dries



Working voltage, 450 volts; maximum surge, 525 volts. Pig-tail leads of push-back wire.

Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K3527	4	4 1/2 x 1 3/4 x 3/4	44c
K3528	8	4 1/2 x 1 3/4 x 1	56c
K2792	12	4 1/2 x 1 3/4 x 1 1/4	76c
K2793	16	4 1/2 x 1 3/4 x 1 1/4	85c
K3529	4-4*	4 1/2 x 1 3/4 x 1	71c
K3530	8-8*	4 1/2 x 1 3/4 x 1 1/4	88c
K2794	8-8-†	4 1/2 x 2 x 1 1/2	\$1.29

(*) Has four leads. (†) 6 leads.

Upright Can Dry Electrolytics



The many features of these multiple section units include ease of fitting to any mounting hole, double screw nut contact. 450 volts working; 525 volts maximum surge. Furnished with mounting clamps. Low power factor.

Stock No.	Cap. Mfd.	Size—Ins. D L	Your Cost
K3533	8-8	2 1/2 x 4 1/4	\$1.06
K2791	5-15	2 3/4 x 4 1/2	1.35
K3521	8-8-8	3 x 4 1/2	1.58
K3522	9-9-18	3 x 4 1/2	2.20

Inverted Can Dries



Cased in aluminum containers with mounting brackets. Fit any mounting hole—may be used to replace cans of much larger size. Continuous working voltage, 450; maximum surge voltage 525. (*) Have 4 color-coded leads.

Stock No.	Cap. Mfd.	Size—Ins. D L	Your Cost
K3534	4	1 3/8 x 4 1/4	50c
K3535	8	1 3/8 x 4 1/4	62c
K2789	12	1 3/8 x 4 1/4	82c
K2790	16	1 3/8 x 4 1/4	91c
K3536*	4-4	1 1/2 x 4 1/4	76c
K3537*	8-8	1 1/2 x 4 1/4	94c

Midget Round and Square Dry Electrolytics



Both are 1/2" long; average diameter of pounds. Will fit the smallest midget. Will withstand high heat. (*) Have 4 leads. Pigtail leads of push-back wire.

25 VOLTS WORKING			
Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K2644	5	29c	
K2645	10	29c	
K2646	25	38c	
K2785	50	56c	
K3230	10-10	44c	
50 VOLTS WORKING			
K3231	10	38c	

200 VOLTS WORKING			
Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K3223	25	47c	
K2787	50	70c	
K3224	2	32c	
K3225	4	38c	
K3226	8	47c	
K3300	16	61c	
K3301	25	73c	
K3228	4-4	53c	
K3227	8-8	73c	
K2678	8-12	82c	
K2679	8-16	85c	

"Pinhead" Tiny Mikes			
450 VOLTS WORKING			
Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K3564	4	3/8 x 2 1/2	44c
K3565	8	3/8 x 2 1/2	56c
K3566	12	3/8 x 2 1/2	76c
K3567	16	3/8 x 2 1/2	85c
K3567*	8-8	1 1/8 x 1 1/2 x 2 1/2	88c

"600" LINE Paper Tubulars



Non-inductively wound; 600 v. d. c. working.

Stock No.	Cap. Mfd.	Size—Ins. L D	Net Each
K2627	.0001	1 1/2 x 3/8	3/8
K2628	.00025	1 1/2 x 3/8	3/8
K2629	.0004	1 1/2 x 3/8	3/8
K2630	.0005	1 1/2 x 3/8	3/8
K2631	.001	1 1/2 x 3/8	3/8
K2632	.002	1 1/2 x 3/8	3/8
K2633	.003	1 x 3/8	3/8
K2634	.004	1 x 3/8	3/8
K2635	.005	1 x 3/8	3/8
K2636	.006	1 1/2 x 3/8	3/8
K2637	.01	1 1/2 x 3/8	3/8
K2638	.02	1 1/2 x 3/8	3/8
K2639	.05	1 1/2 x 3/8	3/8
K2640	.06	1 1/2 x 3/8	3/8
K2641	.1	1 1/2 x 3/8	3/8
K2642	.25	1 1/2 x 3/8	3/8
K2643	.5	1 1/2 x 3/8	3/8
K2681	1.0	2 1/2 x 1 1/2	3/8

9c Any Type 12c 15c 21c 29c 47c

Metal-Cased Paper By-Pass Condensers



Inward metal case. 1200 v. test; 600 v. surge; 400 volts working. Heat and moisture-proof.

No.	Cap.	Dimen.	Each
K2619	0.1	1 1/2 x 1 1/2 x 1 1/2	29c
K2620	0.25	1 1/2 x 1 1/2 x 1 1/2	35c
K2621	0.5	2 x 1 1/2 x 1 1/2	44c
K2622	1.0	2 x 1 1/2 x 1 1/2	59c
K2623	1-1.1	1 1/2 x 1 1/2 x 1 1/2	38c
K2624	25-25	2 x 1 1/2 x 1 1/2	47c
K2625	5-5	2 x 1 1/2 x 1 1/2	59c
K2626	1-1-1	2 x 1 1/2 x 1 1/2	50c

Cased "Hang-Up" Paper Condensers



Oil impregnated and wax filled. Fully cased and sealed to prevent melting of wax. Impervious to moisture. Ideal for ham transmitters.

400 VOLTS WORKING			
Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K2779	1	2 1/2 x 1 1/2 x 1 1/2	44c
K2780	2	2 1/2 x 1 1/2 x 1 1/2	67c
600 VOLTS WORKING			
K2781	1	2 1/2 x 1 1/2 x 1 1/2	53c
K2782	2	3 1/2 x 1 1/2 x 1 1/2	79c
1500 VOLTS WORKING			
K2783	1	4 1/2 x 1 1/2 x 1 1/2	88c
K2784	2	4 1/2 x 2 1/2 x 1 1/2	\$1.47

Mica Condensers



Stock No.	Cap. Mfd.	Your Cost
K2769	.0001	9c
K2770	.0002	12c
K2771	.00025	12c
K2772	.0005	15c
K2773	.001	18c
K2774	.002	24c
K2775	.003	26c
K2776	.004	29c
K2777	.005	29c
K2778	.006	35c

"BB" Ultra-Compact Tubular Dry Electrolytics



ically sealed in tubular metal outer tube. Wire leads.

Ideal for use where space is limited. All are full rated capacity, have low power factor and leakage. Maximum voltage protection. Hermetically sealed in tubular metal outer tube. Wire leads.

Stock No.	Cap. Mfd.	Wkg. Vlt.	Size In.	Your Cost	Stock No.	Cap. Mfd.	Wkg. Vlt.	Size In.	Your Cost
K848	10	15	1 1/2 x 1 1/2	\$.24	K882	30	150	2 x 2 1/2	\$.38
K875	20	25	1 1/2 x 1 1/2	.29	K883	4	300	1 1/2 x 1 1/2	.29
K876	40	25	1 1/2 x 1 1/2	.35	K884	8	300	1 1/2 x 1 1/2	.32
K877	4	150	1 1/2 x 1 1/2	.24	K885	10	300	1 1/2 x 1 1/2	.38
K878	8	150	1 1/2 x 1 1/2	.26	K886	16	300	2 x 2 1/2	.47
K879	10	150	1 1/2 x 1 1/2	.29	K887	4	450	1 1/2 x 1 1/2	.32
K880	16	150	1 1/2 x 1 1/2	.32	K888	8	450	2 x 2 1/2	.35
K881	20	150	1 1/2 x 1 1/2	.35	K889	10	450	2 x 2 1/2	.41

Inverted Dry Electrolytics



Compact filters in round cans. With 8" leads. Palmut and flat washer furnished.

Type RS—Single Sections

Stock No.	Cap. Mfd.	Wkg. Vlt.	Size In.	Your Cost
K3916	4	2 1/2 x 1		\$.04
K3917	8	2 1/2 x 1		.56
K3918	12	2 1/2 x 1		.65
K4031	25	3 1/2 x 1		.88

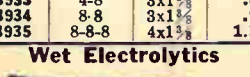
Type RN—Common Negative

Stock No.	Cap. Mfd.	Wkg. Vlt.	Size In.	Your Cost
K3922	4-8	3x1		.76
K3923	8-8	3x1		.85
K3924	8-8-8	3x1 1/2		1.23

Type RM—Separate Sect.

Stock No.	Cap. Mfd.	Wkg. Vlt.	Size In.	Your Cost
K3925	4-8	3x1		.85
K3926	8-8	2x1 1/2		.94
K3927	8-8-8	3 1/2 x 1 1/2		1.35

Wet Electrolytics



Self-regulating type. Lug terminal. Can is negative. Units up to 18 mfd. are 475 volts wkg.; 35 mfd. unit is 400 volts wkg.; 25 and 40 mfd. units are 450 volts wkg. Supplied with palmut.

Stock No.	Cap. Mfd.	Wkg. Vlt.	Size In.	Your Cost
K3950	4	1 x 3 1/2		\$.04
K3951	8	1 x 4 1/2		.56
K3952	12	1 1/2 x 4 1/2		.67
K3953	16	1 1/2 x 4 1/2		.79
K3954	18	1 1/2 x 4 1/2		.88
K3962	25	1 1/2 x 5		1.00
K3955	35	1 1/2 x 4 1/2		1.03
K3968	40	1 1/2 x 5		1.12

Terminal Strip

Insulated terminal connector with mounting lug and three double terminals. Affords neat anchor between units and cable. K3971—10 for 25c Each

Paper Tubulars



Non-inductive, oil treated and thoroughly impregnated.

Stock No.	Cap. Mfd.	Wkg. Vlt.	Your Cost
K3891	.05	200	9c
K3892	.1	200	12c
K3893	.25	200	15c
K3894	.5	200	21c
K3895	1.0	200	29c

Oil Impregnated Tubular By-Pass Units



Compact oil impregnated paper dielectric condensers available in two types. TYPE OW units are oil impregnated and filled with a special high temperature wax. Suitable for vibrators, etc. Rated 1200 volts d.c. peak working voltage. TYPE OT are oil impregnated and oil filled. Completely sealed. Externally insulated with cardboard tubes and supplied with mounting brackets. Rated 2000 volts d.c. peak working voltage.

Stock No.	Your Cost	Cap. Mfd.	Stock No.	Your Cost
K4059	18c	.0025	K4021	41c
K4060	18c	.005	K4022	43c
K4061	18c	.0075	K4023	43c
K4062	21c	.01	K4024	47c

Dry Electrolytic Cardboard Carton Filters



Compact units in impregnated cardboard cartons that have universal mounting flanges. Insulated wire leads.

Type CS—Single Sections

No. Mfd.	Wkg. In.	Each
K3855	4 1/2 x 2 1/2	50.37
K3856	8 1/2 x 2 1/2	.47
K3857	10 1/2 x 2 1/2	.56
K3858	12 1/2 x 2 1/2	.59
K3860	16 1/2 x 2 1/2	.65

Type CN—Common Neg.

Stock No.	Cap. Mfd.	Wkg. Vlt.	Your Cost
K3874	4-4	1 1/2 x 3	.53
K3875	4-8	1 1/2 x 3	.67
K3876	8-8	1 1/2 x 3	.76
K3878	8-8-8	1 1/2 x 3	1.15

Type CM—Separate Sect.

Stock No.	Cap. Mfd.	Wkg. Vlt.	Your Cost
K3883	4-4	1 1/2 x 3	.53
K3884	4-8	1 1/2 x 3	.67
K3885	8-8	1 1/2 x 3	.76
K3886	8-8-8	1 1/2 x 3	1.15
K3896	16-16	1 1/2 x 3	1.06

Universal Replacement Dry Electrolytics

Stock No.	Part No.	Cap. Mfd.	Wkg. Vlt.
K3956	UR180	8-8	250-350
K3957	UR181	3-2-1-1	450
K3958	UR182	5-25-10	150
K3959	UR183	4-4-4	150
K4019	UR185	8-8-8, 5-5	200, 25
K4020	UR189	8-8-8, 5-5	200, 25
K4068	UR190	8-8-8-8	250
K4069	UR182	20-20	150
K4070	UR193	5-8-16	150
K4071	UR194	16-12	200
K4072	SR601	16-12	300
K4073	SR602	6-4-6	300-300-25
K4074	SR604	3-5-6	300-300-12
K4075	SR605	8-8	350
K4076	SR606	6-8	350
K4077	SR607	6-4-6	300-300-12
K4078	SR608	65	30
K4079	SR609	8-8-25	400-400-25
K4080	SR610	8-8-25	400-400-25
K4081	SR611	8-8-25	300-300-25
K4082	SR612	8-8, 16-16	350, 100
K4083	SR613	16-30-16	200
K4084	SR614	8, 8-8, 12-12	450, 250, 25
K4086	SR619	5-5	35
K4051	HD880	4	500
K4052	HD881	4	500
K4053	HD882	8	500
K4054	HD883	8	500
K4055	HS690	4	600
K4056	HS691	4	600
K4057	HS692	8	600
K4058	HS693	8	600

Compact Tubular Dry Electrolytics

Designed for by-passing the cathode bias resistors in audio frequency and other low voltage circuits. Perfectly sealed. Approximate size 2 1/2 x 1/2".



Type TS—Single Sections

Stock No.	Cap. Mfd.	Wkg. Vlt.	Your Cost
K3940	10	25	\$.09
K3941	20	25	.35
K3987	25	25	.38
K3988	50	25	.56
K3942	5	50	.29
K3943	10	50	.38
K3989	25	50	.47
K3992	50	50	.70

Type TN—Dual Units with Common Negative

Stock No.	Cap. Mfd.	Wkg. Vlt.	Your Cost
K3944	5-5	25	
K3945	10-10	25	
K3946	5-5	35	
K3947	5-5	50	

A.C. Motor Capacitors



Designed for universal replacement applications on motors using either centrifugal or magnetic type switches. Supplied in sturdy round metal cans, with single-hole mounting bracket and a metal cap. Shpg. wt. 2 lbs. All for 110 volts a.c.

Stock No.	Cap. Mfd.	Size In.	Your Cost
K4041	60	4 1/2 x 2	\$2.00
K4042	70	4 1/2 x 2	2.23
K4043	80	4 1/2 x 2	2.35
K4039	100	3 1/2 x 1 1/2	2.65
K4044	100	4 1/2 x 2	2.65
K4040	115	3 1/2 x 1 1/2	2.94
K4045	115	4 1/2 x 2	2.94
K4046	135	4 1/2 x 2 1/2	3.40
K4047	150	4 1/2 x 2 1/2	3.76

Trutest DRY ELECTROLYTIC FILTER & BY-PASS CONDENSERS

FULLY GUARANTEED FOR 1 YEAR
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 Ma. per mfd.: all capacity ratings within a tolerance of 20% and 10%; not affected by humidity. Specify Trutest Condensers—Accept no Substitutes.

Special Compact Filters

For AC-DC Receivers
225 V. DC Peak



Full capacitance. In heavy cardboard case. Wax impregnated containers. Rated 200 working volts d.c. 2 1/4" long. Insulated leads.

Stock No.	Cap. Mfd.	Size	Your Cost
K3210	4	1 1/2 x 3/4"	23c
K3212	8	1 1/2 x 1 1/8"	29c
K3213	10	1 1/2 x 1 1/8"	32c
K3214	12	1 1/2 x 1 1/8"	34c
K3215	16	1 1/2 x 1 1/8"	38c
K3216	20	1 1/2 x 1 1/8"	43c
K3217	25	1 1/2 x 1 1/8"	45c

Small Dry Electrolytics 525 Volt Surge

450 working volts d.c. Heavy cardboard case. Wax impregnated containers. Insulated leads. 2 1/2" long.

Stock No.	Cap. Mfd.	Size W. T.	Your Cost
K3219	2	3/4 x 1/2"	23c
K3220	4	1 x 1/2"	27c
K3222	4	1 1/8 x 1/2"	34c
K3302	12	1 1/8 x 1 1/8"	47c
K3218	8-8	1 1/8 x 1 1/8"	50c
K3303	8-8-8	1 1/8 x 1 1/8"	84c

Special "600" V. Surge Dry Electrolytics

600 v. peak, d.c. 475 volts d.c. working. Sealed and impregnated. Long insulated leads.

Stock No.	Cap. Mfd.	Size	Your Cost
K3206	2	3/4 x 1/2 x 2 1/8"	34c
K3207	4	1 x 1/2 x 2 1/8"	41c
K3209	8	1 1/4 x 1 1/2 x 2 1/8"	49c

Shielded Paper By-Pass

Universal mounting types. Hermetically sealed in drawn aluminum shield cans. Used by many manufacturers and set builders. Tinned solder lugs.



Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K3260	.1	200	15c
K3261	.25	200	19c
K3262	.5	200	22c
K3263	1.0	200	30c
K3264	2.0	200	49c
K3269	.1	400	15c
K3270	.25	400	19c
K3271	.5	400	26c

VIBRATOR CONDENSER



Oil impregnated. Rated at 1600 volts. Small square metal cans are 1 1/2 x 1 1/2 x 3/4" with the exception of K3246, which is 1 1/2 x 1 1/2 x 3/4".

Stock No.	Cap. Mfd.	Stock No.	Cap. Mfd.	Your Cost, Any Type
K3240*	.007	K3241*	.01	22c
K3242*	.02	K3243	.007	
K3244	.01	K3245	.02	
K3246*	.007			

*Have two leads—others, one.

5% Discount in lots of 10



The new Pee-Wees are smaller than the common safety match pack.

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K757	10	25	1/2 x 1 1/8"	18c
K758	25	25	1/2 x 1 1/8"	22c
K759	25	50	1/2 x 1 1/8"	24c
K760	4	150	1/2 x 1 1/8"	18c
K761	8	150	1/2 x 1 1/8"	20c
K762	12	150	1/2 x 1 1/8"	22c
K763	16	150	1/2 x 1 1/8"	24c
K764	20	150	1/2 x 1 1/8"	27c
K765	40	150	1/2 x 1 1/8"	29c
K766	4	450	1/2 x 1 1/8"	24c

Trutest "MITES"

New, ultra compact units that fill a long felt need in the radio industry. Especially well suited for a.c.-d.c. midgets and wherever space is limited. Self-supporting, provided with stiff wire leads. All in aluminum cans with cardboard outer sleeve. Accurately and conservatively rated; will give long trouble-free service.

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K767	8	450	3/4 x 1 1/8"	27c
K768	12	450	3/4 x 1 1/8"	33c
K788	16	450	1 1/8 x 2 1/8"	40c
K789	20	450	1 1/8 x 2 1/8"	44c
K790	10-10	50	1 1/8 x 2 1/8"	29c
K791	12-12	200	1 1/8 x 2 1/8"	42c
K792	8-16	200	1 1/8 x 2 1/8"	42c
K793	16-16	200	1 1/8 x 2 1/8"	47c
K794	8-8	450	1 1/8 x 2 1/8"	44c

5% Discount in lots of 10.

INVERTED TYPE DRY Electrolytics



For inverted, hole-in-chassis mounting. Standard size, round aluminum can fits hole for 3/4" stud. Can is insulated from condenser sections and is grounded. Rated at 450 volts d.c. working and 500 volts surge. With 6" insulated leads. With mounting nut. Shpg. wt. each 1 lb.

Stock No.	Cap. Mfd.	Diam. In.	Ht. In.	Your Cost
K3323	4	1 1/4"	4 3/8"	31c
K3324	8	1 1/4"	4 3/8"	38c
K3398	8-8	1 1/4"	4 3/8"	58c

Inverted Type Wet Electrolytics



All in tubular metal containers—can is negative. Excellent power factor and long life. Self-healing, able to withstand voltage overloads without harm. Size 1 1/2 x 4 3/8". Supplied with pal nut. Shpg. wt. each 1 lb.

Stock No.	Cap. Mfd.	Surge Volts	Your Cost
K491	4	500	35c
K492	8	500	38c
K493	10	500	43c
K494	12	500	46c
K495	8	600	59c

Tubular Cardboard Replacement Units



Universal replacement dry electrolytics provided with spade lugs for mounting. Bright finish fibro-board tubes. All are 1 1/2" in diameter and 4 1/2" high. Spade mounting bolts. Long color coded insulated leads. Ideal for replacement in midget radios.

Stock No.	Cap. Mfd.	Peak Volts	Your Cost
K3369	8-8	500	60c
K3370	8-16	500	88c
K3371	12-16	225	63c
K3372	14- 8x10-10	200x35	85c
K3373	16- 8x10-10	200x35	86c
K3374	16-12x10-10	200x35	90c

TRUTEST MIDGET PAPER CARTRIDGE CONDENSERS



Ideal for A.C.-D.C. sets or wherever space is a factor. Highest quality at lowest prices. Finest metal foil and linen paper. Hermetically sealed and impregnated. Supplied in a

wide variety of capacities and working voltages to meet practically every service requirement. All provided with long bare wire leads; units can be made self-supporting.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K3173	.01	200	6c	K3185	.002	600	7c
K3175	.05	200	7c	K3186	.006	600	
K3176	.1	200		K3187	.01	600	
K3177	.25	200		K3188	.02	600	
K3178	.5	200		K3189	.05	600	
K3179	.01	400		K3190	.1	600	
K3180	.02	400		K3191	.25	600	
K3181	.05	400		K3169	.5	600	
K3182	.1	400		K3192	.05-.05	200	
K3183	.25	400		K3193	-1-1	200	
K3174	.5	400		K3194	.25-.25	200	
K3172	1.0	400		K3195	.05-.05	400	
K3184	.001	600		K3196	-1-1	400	

Deduct 10% when ordering in lots of 10 (may be assorted).

Dry Electrolytic Filter Condensers



In heavy cardboard containers, with heavy wax impregnation. 500 volt surge, 450 volts d.c. working voltage. Equipped with sturdy tinned lugs. Ideal for replacement.

Stock No.	Cap. Mfd.	Size Inches	Your Cost
K3351	2	2 1/4 x 5/8 x 1 1/8"	23c
K3347	4	4 1/4 x 5/8 x 1 1/8"	27c
K3346	6	4 1/4 x 5/8 x 1 1/8"	32c
K3348	8	4 1/4 x 5/8 x 1 1/8"	34c
K3349	10	4 3/8 x 1 1/4 x 1 1/8"	41c
K3350	12	4 3/8 x 1 1/4 x 1 1/8"	47c
K3352	16	4 3/8 x 1 1/4 x 1 1/8"	52c

Multiple Units

All 500-volt surge, 450 working, and 4 3/8" high. Heavy cardboard containers; wax impregnated. Tinned solder lug terminals.

Stock No.	Cap. Mfd.	Size Inches	Your Cost
K3337	4-4	1 1/2 x 1 1/2"	43c
K3339	4-8	1 1/2 x 1 1/2"	49c
K3342	8-8	1 1/2 x 1 1/2"	54c
K3366	8-8-8	1 1/2 x 2 1/2"	80c

Separate sections.

Dry Electrolytic Cartridge Condensers



In waxed cardboard containers with metal ends and 1 1/2" wire leads. Hermetically sealed in heavy fibre cylinders.

Stock No.	Cap. Mfd.	Wkg. Volts	Surge Volts	Your Cost
K3380	5	25	40	16c
K3381	10	25	40	16c
K3382	25	25	40	28c
K3383	50	25	40	35c
K3396	5-5	25	40	25c
K3384	5	50	75	20c
K3295	10	50	75	22c
K3297	25	50	75	28c
K3385	5	100	150	20c
K3388	10	100	150	24c
K3392	2	150	200	20c
K3393	4	150	200	20c
K3394	8	150	200	25c
K3395	4-4	150	200	32c
K3389	1	200	250	18c
K3390	2	200	250	19c
K3391	4	200	250	25c
K3291	1	450	525	20c
K3292	2	450	525	24c
K3293	4	450	525	29c
K3256	8	450	525	33c
K3255	10-10	35	50	28c

In lots of 10, deduct 10%.

Dry Electrolytic Can-Type Multiple Section

450 volts, d.c. working, 500 v. surge. 4" aluminum can, common negative. Each section a separate electrolytic, self-healing type. Screw and nut type terminals.



Stock No.	Cap. Mfd.	Diam. Inches	Your Cost
K3316	8-8	2 1/2"	50.65
K3317	5-15	2 1/2"	0.83
K3318	8-8-8	3"	0.97
K3320	9-9-18	3"	1.35
K3319	8-8-8-8	3 1/4"	1.30
K3321	8-8-18-18	3 1/4"	1.89

Exact Duplicate REPLACEMENT PARTS

Exact REPLACEMENT CONDENSER BLOCKS

We can supply any exact replacement block for any make of receivers. If you cannot find it in these listings write us, giving complete details, and we will furnish it at lowest price.

Name of Receiver and Model	Stock No.	Your Cost	Name of Receiver and Model	Stock No.	Your Cost
APEX					
Model 41.....	K1407	\$1.85	MAJESTIC—Cont.		
Model 46, 46A.....	K1406	1.70	50, 52.....	K1063	\$2.45
Model 47, 47A.....	K1405	1.70	20 condenser and input transf.....	K1064	3.65
ATWATER KENT					
37-38 condenser and choke assemb.....	K1378	2.10	30, 31 condenser and choke assemb.....	K1073	2.95
46, 47, 53 condenser unit.....	K1369	2.70	PHILCO		
55, 55C, 60, 60C.....	K1368	2.40	Model 20, 220.....	K1030	2.20
BOSCH					
Model 48.....	K1347	2.65	Model 65.....	K1029	2.20
COLUMBIA RADIO					
Model S.G.8.....	K1290	2.95	RCA-VICTOR		
EDISON					
R-1, R-2, C-2.....	K1220	3.30	Model R-15.....	K1021	2.40
R-4, R-5, C-4.....	K1219	2.45	42, 48.....	K1021	2.40
EVEREADY					
30, 40, 50 series.....	K1210	2.95	Model 60.....	K1015	2.95
FADA					
42, 44, 46, 47, No. 1830X.....	K1199	2.98	RE81, R74, 76, 77, K1033	3.95	
50, 70, 71, 72, 75, 77, 1492MS.....	K1197	2.98	R8, 10, 12, RE19.....	K534	4.05
Model 43.....	K1206	2.25	R50, R55, RAE59, RAE79.....	K531	2.95
MAJESTIC					
70 series, 7P6 power, early.....	K1071	1.70	R11-21, RE18-18A, RAE26.....	K1941	3.18
70 series, 7P6 power, late.....	K1070	1.70	M34-M105.....	K1024	2.39
80-180, 8PB6 power unit.....	K1069	2.90	SPARTON		
90 series, 9PB6 power unit.....	K1067	1.85	AC7, 62, 63.....	K979	3.30
90-B and 100-B.....	K1065	2.75	Model 89-A.....	K976	3.70
			69, 79, 79A, 89.....	K975	2.95
			Model 930.....	K973	2.25
			Model 301.....	K981	1.95
			STEINITE		
			70, 80, 95.....	K938	2.95
			STEWART-WARNER		
			900-950 A.C. series condenser-choke.....	K928	3.25
			STROMBERG-CARLSON		
			641, 642, 652, 654.....	K916	3.50
			846, 848.....	K915	3.65

RCA-Genuine RCA-VICTOR Replacement Parts (RCA)



Genuine RCA Volume Controls

All improved original RCA parts. Most popular listed. Others on order only.

Stock No.	Part No.	Model Numbers	Your Cost
K9050	2995	R4, 6, 7, 7A, 9, RE16A.....	\$0.90
K9052	4429	118, 211.....	1.20
K9053	4519	128, 128E, 224, ACR-136, 143, 224E, 242, 322, 322E, 341.....	.90
K9055	5018	M101, 104, 108.....	.90
K9056	6275	R-78.....	1.50
K9058	6612	140, 141, 141E, 240, 340, 340E.....	.90
K9060	7061	R80, 82, 86.....	.60
K9061	7129	R14, 15, RE17, R42, 48.....	1.50
K9062	11205	C11-1, C13-2, T10-1, T11-8, T10-3, D11-2.....	.90
K9065	10826	R34, 35, 39, RE57, RE73.....	1.50
K9066	13144	T8-14, C8-2, T6-1, C6-2, T7-5, C7-6, D7-7, C9-4, T9-9, C8-8, 5T-D8-28.....	.60

Universal Output

Matches any single or p. p. output tubes to any voice coil of from 1 to 15 ohms. Primary impedance 1000 to 20,000 ohms. Response flat from 30 to 10,000 c.p.s. 2 1/2 x 2 1/2 x 2 1/2". Baked varnish insulation. Lug terminals. Wt. 3 lbs. **K5536—Your Cost... \$1.20**

Same as above but shielded in cadmium plated case with bakelite terminal board. **K5537—Your Cost... \$1.40**

Universal Audio

Fully shielded in black finished metal case, 2x2 1/2 x 2 1/2". Suitable for straight or push-pull audio. Primary for any single triode (27, 56, 6C5, etc.); secondary for any single or push-pull tubes. Response 30 to 10,000 cps. Shpg. wt. 3 lbs. **K5529—Your Cost... \$1.20**

Dial Assemblies

Part No. 3000. Dial drum and scale assembly for models R-4, 6, 7, 7A, 7DC, 9, 9DC, 7LW, 10DC, 43 and RE16A. Shpg. wt. 1 lb. **K9638—Your Cost... 24¢**

RCA Part No. 11928. Dial for Models T8-14, C9-4, T9-10. **K9640—Your Cost... 40¢**

RCA Part No. 10441. Dial for Models R32, RE45, R52, RE75, RE154, and RE155. **K9641—Your Cost... 12¢**

RCA Part No. 6501. Dial scale for Model M-34. **K9642—Your Cost... 24¢**

Dial Drive

RCA Part No. 2999. Used in Models R-7A, R-9, R-43, R-10, R-11, R-8, RE-18, RE-26, RE-16A, R-4 and R-6. Comes complete with friction rubber, screws and lock-washers. **K9744—Each... 24¢**

Drive Clutch Assembly

Complete assembly RCA No. 4422 for Models 118, 128, 224, 322, 281, 381. **K9637—Your Cost... 60¢**

Majestic Pilot Light Dimmer

Exact duplicate of Majestic Part No. 7785. Used in models 300, 300A and 320. Built using high quality material—will stand up. Heavy-duty primary coil. Shpg. wt. 2 lbs. **K2514—Your Cost... 85¢**

A. K. Power Units

These units exact duplicates of original part. Just replace old unit and solder connections. Supplied with color code. **K1376—For Models 40, 42, 44, 45, 52, 56, 57. Your Cost... \$4.95**

K1375—For Models 43, 46, 47, 53. Your Cost... \$7.25

EXACT DUPLICATE AC-DC ELECTROLYTICS

Unheard of values in Exact Duplicate AC-DC Electrolytic Condensers. Specifications are identical with the original in both size and capacity. Extremely limited quantity of these high quality, low price units.

Receiver & Part No.	Cap. U. S. Mfd.	Stock No.	Your Cost	Receiver & Part No.	Cap. U. S. Mfd.	Stock No.	Your Cost
APEX (U. S. Radio)							
6201	4-4-12	K894	75c	GEN. ELECTRIC			
6508B	8-8-4-4	K895	83c	66185	8-8-5-5	K672	10c
ATWATER KENT							
26158	8-14-8	K896	85c	66143	4-4	K717	12c
24602	8-8-8	K897	71c	GRUNOW (Gen. Household)			
CROSLLEY							
27488A	6-8	K2805	39c	26508	8-8-4-4	K903	83c
29012	12-2.5	K503	39c	27151	4-8-20-4	K904	80c
29150B	6-7-8	K898	39c	INT. KADETTE			
30059A	8-8-8	K899	88c	A427	3 1/2-3 1/2-3 1/2	K906	52c
EMERSON							
K.C.68	4-8-16	K900	69c	A412	8-30	K907	68c
HC31	4-4	K901	39c	MAJESTIC			
GGC137	8-16-5-5	K902	83c	6277	8-4-4	K908	88c
GEN. ELECTRIC							
12J691	12-8-8-10	K720	29c	9661	8-10-16	K909	72c
T18J58-7	4-8-4	K715	10c	10536	4-6-10	K910	71c
T18J58-3	10-10	K716	9c	RCA-VICTOR			
T18J58-23	3-3-10	K714	10c	66185	8-8-5-5	K672	10c
				66143	4-4	K717	12c
				66189-1	8-8-4	K911	85c
				66189-2	8-4-4-4	K912	89c

EXACT DUPLICATE DRIVE CABLES-BANDS-BELTS

We can supply any cable, band or belt on order, at lowest prices.

Model	Stock No.	Net	Model	Stock No.	Net
ATWATER KENT					
35, 37	K9822	\$0.15	MAJESTIC		
42, 44	K9823	.24	70, 71, 72	K9847 (42 Str.)	.12
40, 46	K9920	.15	70, 71, 72	K9848 (18 Str.)	.09
BOSCH					
48A	K9826	.15	52, 60	K9925	.15
58, 60	K9828	.15	PHILCO		
BRUNSWICK					
15, 22 Front	K9921	.24	71	K9927	.15
15, 22 Rear	K9922	.24	91	K9928	.15
COLONIAL					
31, 32	K9833	.21	RCA		
GENERAL MOTORS					
All	K9923	.24	46, 64, 67	K9852	.18
KOLSTER*					
6J	K9844	.24	RCA†		
43, 44	K9845	.29	16, 17, 18, 33	K9853	.18

Replacement Dial Belts

NOTE: We can supply replacement woven fabric dial belts for any make and model radio. These heat and moisture proof belts are identical with original part. Send us name and model number of set. All belts at low price of **15¢**

Phosphor Bronze Dial Cable

Maximum strength, stretch. 16 strand type closely braided. 42 strands wound over linen core.

No.	Strands	Feet	Each
K9933	42	5	\$0.29
K9934	42	25	.74
K9935	42	50	1.39
K9936	42	100	2.50
K9937	16	5	.06
K9937	16	25	.22
K9938	16	50	.36
K9938	16	100	.56

Linen Dial Cable

Finest black linen braided cord. Breaking strength 200 lbs. per ft.

No.	Strands	Feet	Each
K9939	5 ft.		.19c
K9940	25 ft.		.78c
K9941	50 ft.		\$1.45
K9982	100 ft.		2.45

FADA Drums & Brackets

Complete stock of hard to get replacement parts.

Tuning Bracket Casting.

K6154—No. 858MP Each... 88c

K6155—No. 872MP Each... 88c

Cone Bracket

K6159—Part No. 878MP... 88c

3-Legged Cone Brackets

K6156—No. 888MP Each

K6157—No. 885MP Each

K6158—No. 901MP Each

\$1.62

Dial Scale and Drum

K6160—No. 871MP... \$1.26

Friction Drive Shaft

K6152—No. 1724X... 59c

Tuning Drum

K6153—No. 116X7... 82c

IRC RESISTORS IRC

WIRE-WOUND POWER RESISTORS



Tolerance 5%

Machine wound on non-hygroscopic cores; protective coating of special cement. Moisture proof.

Ohms	Ohms	Ohms	Ohms
1	500*	4000*	15000*
5	750*	4500	20000*
10	1000*	5000*	25000*
25	1250*	6000	30000
50	1500*	7000	35000
75	2000*		40000
100*	2250	7500*	50000*
150	2500*	10000*	60000
200	3000	12000	75000*
250*	3500	12500	100000*

Type "AB"
10-Watt Rating (Max.)
1 3/4" long, 1/8" diam. Range up to 50,000 ohms (see list).
K5210—Your Cost Each **24c**

Type "DG"
20-Watt Rating (Max.)
2" long, 1/8" diam. Range up to 100,000 ohms (see list).
No. From To Each
K5211 1 15,000 33c
K5212 20,000 50,000 44c
K5290 60,000 100,000 59c

Type "EP"
50-Watt Rating (Max.)
4 1/4" long, 3/8" diam. Range up to 100,000 ohms (see list).
No. From To Each
K5248 5 5,000 65c
K5249 6,000 25,000 73c
K5254 30,000 100,000 85c

Type "HA"
100-Watt Rating (Max.)
6 1/4" long, 1 1/8" diam. Range up to 100,000 ohms. Only in sizes marked with asterisk (see list).
No. From To Each
K5260 100 5,000 80.88
K5261 7,500 25,000 1.03
K5234 50,000 ohms 1.18
K5235 75,000 ohms 1.32
K5236 100,000 ohms 1.47

Type "HO"
200-Watt Rating (Max.)
10 1/2" long, 1 1/4" diam. Range up to 100,000 ohms. Only in sizes marked with (†); see list.
No. From To Each
K5237 100 10,000 51.47
K5238 15,000 100,000 1.76

WIRE-WOUND INSULATED UNITS In 1/2, 1 and 2-Watt Sizes



Similar in appearance to the BT-1 above, but contains a wire-wound element completely encased in molded compound.

Specify Resistance Desired

Ohms	Ohms	Ohms	Ohms
1	30	400	1250
2	50	450	1500
3	100	500	2000
5	150	600	2250
10	200	750	2500
15	250	800	3000
20	300	1000	4000
25	350		5000

K5298—Type BW-1/2. 1/2 watt. Available in above sizes from 1 to 750 ohms. **10c**
Your Cost Each

K5299—Type BW-1. 1 watt. Available in above sizes from 1 to 5000 ohms. **12c**
Your Cost Each

K5299—Type BW-2. 2 watts. Available in above sizes from 1 to 5000 ohms. 1 3/4" long by 1/2" in diam. **18c**
Your Cost Each



Type BT Insulated Resistors Type F Metallized Resistors



An all-purpose line of high quality units for all radio work. Type BT employ the famous metallized element sheathed in an overall covering of moisture proof phenolic compound. Type F are the original famous Metallized units housed in Isolantite. Both types are non-inductive. Have pig-tail wire leads.

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Megs.
50	450	2000	7000	15000	50000	200000		1.0
100	500	2250	7500	17500	60000	250000		1.5
150	600	2500	8000	20000	65000	300000		2.0
200	750	3000	9000	22500	70000	400000		3.0
250	800	3500	10000	25000	75000	500000		4.0
300	1000	4000	11000	30000	100000	600000		5.0
350	1250	5000	12000	35000	125000	750000		10.0
400	1500	6000	12500	40000	150000			20.0

Specify Resistance Desired When Ordering

1/2-Watt—BT-1/2		1-Watt—BT-1		2-Watt—BT-2	
5/8 x 3/8". All sizes.		1 1/4 x 1/2". 150 ohms up.		1 3/4 x 3/4". 200 ohms up.	
K5206—	Each 10c	K5207—	Each 12c	K5263—	Each 18c

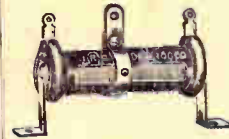
1/2-Watt—F-1/2		1-Watt—F-1		2-Watt—F-2	
1 1/4 x 3/8". 50 ohms to 20 megohms.		1 1/4 x 1/2". 100 ohms up.		1 3/4 x 3/4". 50 ohms to 20 megohms.	
K5250—	Each 10c	K5251—	Each 12c	K5252—	Each 18c



FUSED RESISTANCE ANALYZER

New continuously variable calibrated indicator. Range: 0 to 1 megohm. Direct reading on etched scale. Attractive Bakelite case. Reads 0-30,000 ohms on wire-wound rheostat element, continues to 1 meg. on metallized element. 4 leads with alligator clips. Mounting flange.
K5273—Shpg. wt. 3 lbs.
Your Cost **\$4.85**

WIRE-WOUND VARIABLE RESISTORS



IRC wire wound variable resistors have received universal acceptance by servicemen everywhere. They dissipate heat rapidly, are built to withstand heavy overloads and have great mechanical strength. The slider feature makes them invaluable—by moving the metal contact band practically any desired range within value of the unit can be obtained. Mounting brackets with all except 10 watt units.

Check this list with information given with each unit. Specify resistance desired.

Ohms	Ohms	Ohms	Ohms
5	250	2500	15000
10	500	3000	20000
25	750	3500	25000
50	1000	4000	40000
100	1250	5000	50000
150	1500	7500	75000
200	2000	10000	100000

Type ABA—10 Watts
1 3/4 x 1/2". Range up to 10,000 ohms. (See list above).
K5262—
Your Cost Each **35c**
K5213—Extra slider for above.
Your Cost Each **6c**

Type DHA—25 Watts
2 1/4 x 1/2". Range up to 25,000 ohms. (See list above).
No. From To Each
K5274 5 5,000 50c
K5275 7,500 15,000 55c
K5276 20,000 25,000 65c
K5214—Extra slider for above.
Your Cost Each **6c**

Type EPA—50 Watts
4 1/2 x 1/2". Available in sizes up to 75,000 ohms. See list above. Each unit is furnished complete with mounting brackets and one slider.
No. From To Each
K5286 5 5,000 50.79
K5287 7,500 25,000 .88
K5288 40,000 50,000 1.00
K5289 75,000 1.18

Type ESA—80 Watts

6 1/2 x 3/4". Available in all sizes as listed at left. Each unit is furnished complete with mounting brackets and one slider.
No. From To Each
K5196 5 5,000 51.03
K5197 7,500 25,000 1.18
K5198 40,000 50,000 1.32
K5199 75,000 100,000 1.47

Type HAA—100 Watts

6 1/2 x 1 1/8". Available in the following resistances.
Ohms Ohms Ohms Ohms
100 2500* 10000* 50000*
500* 5000* 15000 75000*
1000* 7500 25000* 100000*
No. From To Each
K5266 100 5,000 51.18
K5267 7,500 25,000 1.32
K5268 50,000 1.47
K5269 75,000 100,000 1.62

Type HOA—200 Watts

10 1/2 x 1 1/8". In sizes marked by asterisk in list above.
No. From To Each
K5270 500 10,000 51.76
K5271 25,000 100,000 2.06

Extra Sliders

Slider to fit both 50 and 80-watt resistors.
K5215—Your Cost Each **6c**
Slider to fit both 100 and 200 watt resistors.
K5216—Your Cost Each **9c**

Resisto-Cabinet



Offered FREE with the purchase of 59 selected resistors. Chest constructed of 28 gauge metal finished in blue and silver. Drawers have permanent compartments. Stock labels are attached on the outside of the drawers for marking ranges or contents. Bottoms are flanged for easy stacking. Size: 11" long, 5 1/2" high, 5 1/2" deep. Supplied with the following resistors: 8 type BT-1/2 1/2-watt units; 37 type BT-1 1-watt units; 10 type AB 10-watt units; 4 type ABA 10-watt adjustable units. All popular sizes. You pay only for the resistors. Shpg. wt. 7 lbs.

K5281—
Your Cost, Complete **\$8.92**

Precision Wire Wound Resistors



WW-4—1 x 1/2"



WW-1—2 1/2 x 3/4"

Guaranteed accuracy 1%. These resistors are non-inductively wound. Winding is fully shielded. Type WW-1 has ferrules with binding post terminals. Resistor type WW-4 has tinned solder terminals.

Type WW-4					
Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
K5125	200		K5136	30000	
K5126	300	50c	K5137	35000	79c
K5124	500		K5138	40000	
K5127	1000	53c	K5139	50000	
K5128	2500		K5140	60000	94c
			K5141	75000	
K5129	5000		K5142	100000	1.09
K5130	7500	59c	K5099	150000	1.38
K5131	10000		K5100	200000	1.38
K5132	12500		K5101	250000	1.53
K5133	15000	65c	K5102	300000	1.68
K5134	20000		K5122	400000	1.76
K5135	25000	79c	K5123	500000	2.00

Type WW-1					
Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
K5150	1		K5148	15000	79c
K5154	5	68c	K5171	20000	
K5159	10		K5149	22500	94c
K5160	25		K5172	25000	
K5161	50		K5173	30000	
K5162	100	68c	K5176	60000	94c
K5163	150		K5177	70000	1.12
K5164	200		K5178	75000	
K5200	250		K5179	100000	1.23
K5204	400	68c	K5181	150000	1.56
K5165	500		K5182	175000	
K5166	1000		K5183	200000	1.56
K5143	1500	68c	K5184	250000	1.71
K5144	2000		K5185	250000	
K5167	2500		K5190	275000	1.85
K5145	3000	73c	K5186	300000	1.85
K5168	5000		K5187	400000	
K5146	7000	73c	K5188	500000	2.15
K5147	7500		K5194	1 Meg.	3.09
K5169	10000		K5202	1 1/2 Meg.	4.41

SPRAGUE "Koolohm" Resistors

Variable Resistors



Ohms	Ohms	Ohms	Ohms
5	500*	4000*	25,000*
10	750*	5000*	30,000*
25	1000*	6000	40,000*
50*	1250	7500*	50,000*
100*	1500*	10,000*	60,000
200	2000*	12,000	75,000*
250*	2500*	15,000*	100,000*
400	3000	20,000*	

* 100 and 200 Watt units in these sizes only.

10 Watts. 1 1/2 x 3/8" (Type A)

No.	Ohms	Each
K7450	5 to 10,000	35c
25 Watts. 2 1/2 x 3/8" (Type B)		
K7451	5 to 5,000	50c
K7452	6,000 to 15,000	56c
K7453	20,000 to 25,000	65c

50 Watts. 4 x 1 1/8" (Type B)

K7454	5 to 5,000	79c
K7455	6,000 to 25,000	88c
K7456	30,000 to 50,000	1.00
K7457	60,000 to 75,000	1.18

100 Watts. 6 x 3/4" (Type B)

K7458	5 to 5,000	\$1.18
K7459	7,500 to 25,000	1.32
K7460	30,000 to 50,000	1.47
K7461	75,000 to 100,000	1.62

200 Watts. 10 x 1 1/4" (Type B)

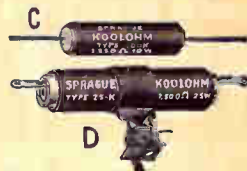
K7462	50 to 10,000	\$1.76
K7463	15,000 to 100,000	2.06

Extra Sliders

K7464	For 10 Watts	Ea. 6c
K7465	For 25 Watts	Ea. 6c
K7466	For 50 Watts	Ea. 6c
K7467	For 100 Watts	Ea. 9c
K7468	For 200 Watts	Ea. 9c

Sprague "Koolohm" resistors are the result of new improved resistor developments. Employs a new insulation material termed "Rubencote", which covers every inch of the resistance wire. This new material conducts heat away from the wire faster than any other material, holds turns rigidly in place, does not chip or peel, will not deteriorate and results in resistors which are absolutely impervious to moisture. A really perfect insulation which permits layer winding and larger diameter wire, resulting in higher resistance units for a given space with extra safety factor. **Accuracy of 5% or better is guaranteed for all values.** A red dot on one end of the aluminum shell of each Koolohm resistor acts as a "Tell-Tale" overload indicator. **When any Koolohm is run over its wattage rating, the red dot turns brown, and resumes its normal red color only when the overload has been removed.** Koolohms are available in Fixed, Variable and Non-Inductive. All 5 and 10 watt Fixed resistors supplied with pig-tails only (C). 25 watt and larger units supplied with lugs and center bracket as shown in illustration for Type D. Non-Inductive units available similar to Fixed. Variable resistors supplied with pig-tails only in 10 watt sizes (A); larger wattage ratings supplied as shown in Type (B).

Fixed Resistors



Ohms	Ohms	Ohms	Ohms
1	400	3000*	35,000*
5	500*	4000	40,000*
10*	600	5000*	50,000*
15	700	6000	60,000*
20	750*	7000	70,000
25*	800	7500*	75,000*
50*	900	10,000*	80,000
75*	1000*	12,500	90,000
100*	1250*	15,000*	100,000*
150*	1500*	17,500	125,000*
200*	1750	20,000*	150,000*
250*	2000*	25,000*	175,000*
300	2500*	30,000*	200,000*

* 50 Watt units in these sizes only.

No.	Ohms	Each
K7496	1 to 5000	18c
K7497	6000 to 25,000	21c
K7498	35,000 to 40,000	24c

10 Watts. 1 1/2 x 3/8" (Type C)		
K7499	1 to 25,000	24c
K7500	30,000 to 35,000	35c
K7501	40,000 to 50,000	41c
K7502	60,000 to 70,000	59c

25 Watts. 2 1/2 x 3/8" (Type D)		
K7503	5 to 15,000	38c
K7504	20,000 to 50,000	44c
K7505	60,000 to 70,000	71c
K7506	75,000 to 90,000	88c
K7507	100,000	94c

50 Watts. 4 x 1 1/8" (Type D)		
K7508	10 to 5000	65c
K7509	7500 to 25,000	73c
K7510	30,000 to 100,000	85c
K7511	150,000	\$1.47
K7512	200,000	2.06

Non-Inductive Resistors

Excellent for use as a terminating resistance in Rhombic Antenna systems or in r.f. transmission lines. Inductive effects negligible up to ultra-high frequencies. Tolerance guaranteed within 2 1/2%, hence ideal for multipliers and shunts in test equipment.

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
20	50	80	250	750	2500	5000
30	60	90	400	1000	3000	7500
40	70	100	500	2000	4000	10,000

10 Watts. 1 1/2 x 3/8" (Type A)

No.	Ohms	Each
K7469	20 to 1000	29c
K7470	2000	32c
K7471	2500 to 4000	35c
K7472	5000	38c
K7473	7500	41c
K7474	10,000	43c

25 Watts. 2 1/2 x 3/8" (Type B)

K7475	20 to 1000	43c
K7476	2000 to 4000	47c
K7477	5000	50c
K7478	7500	56c
K7479	10,000	71c
K7480	15,000 to 20,000	73c

NOTE: 200 Watt Koolohm Non-Inductive Resistors are available up to 50,000 ohms. Write for prices.

50 Watts. 4 x 1 1/8" (Type B)

No.	Ohms	Each
K7481	20 to 5000	65c
K7482	7,500	73c
K7483	10,000	82c
K7484	15,000	85c
K7485	20,000	88c
K7486	25,000	94c

100 Watts. 6 x 3/4" (Type B)

K7487	20 to 750	88c
K7488	1000 to 2000	94c
K7489	2500	97c
K7490	3000 to 4000	\$1.00
K7491	5000	1.03
K7492	7500	1.12
K7493	10,000 to 15,000	1.18
K7494	20,000	1.23
K7495	25,000	1.32

Trutest Vitreous Enamel RESISTORS

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% of their rated value. **When ordering, specify size desired.**

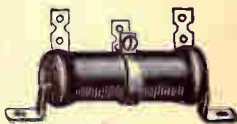
Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
5	50	250	800	1500	2750	8000	20000
10	75	400	900	1750	3000	9000	22500
15	100	500	1000	2000	4000	10000	25000
20	150	600	1100	2250	5000	12500	30000*
25	200	750	1250	2500	6000	15000	40000*
					7000	17500	50000*

* Available in 10-watt size only.

K4438—TRUTEST 5-Watt Resistors	18c
Your Cost Each, Any Size	
In Lots of 10. Your Cost	\$1.60
K4439—TRUTEST 10-Watt Resistors	19c
Your Cost Each, Any Size	
In Lots of 10. Your Cost	\$1.80

Trutest Semi-Variable Wire Wound 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 be used without shorting out much resistance. Each unit equipped with one sliding contact and brackets. Vitreous enamel coating.



25 Watts (2x 3/8")			50 Watts (4x 3/8")			80 Watts (6x 3/8")		
Stock No.	Resist. Ohms	Your Cost	Stock No.	Resist. Ohms	Your Cost	Stock No.	Resist. Ohms	Your Cost
K20740	1		K20770	100		K20800	100	
K20741	2		K20771	200		K20801	200	
K20742	3		K20772	300		K20802	300	
K20743	5		K20773	400		K20803	400	
K20744	10		K20774	500		K20804	500	
K20745	20		K20775	800		K20805	750	85c
K20746	50		K20776	1000	66c	K20806	1000	
K20747	100		K20777	1500		K20807	1500	
K20748	200	42c	K20778	2000		K20808	2000	
K20750	500		K20779	2500		K20809	2500	
K20751	750		K20780	3000		K20810	3000	
K20752	800		K20781	4000		K20811	4000	
K20753	1000		K20782	5000		K20812	5000	
K20754	1500					K20813	6000	
K20755	2000		K20783	6000		K20814	7000	
K20757	2500		K20784	7000		K20815	7500	
K20759	4000		K20785	8000		K20816	10000	98c
K20760	5000		K20786	9000		K20817	15000	
			K20787	10000	73c	K20818	20000	
K20761	6000		K20788	12000		K20819	25000	
K20762	7000		K20789	15000				
K20763	8000		K20790	20000		K20820	30000	\$1.10
K20765	10000	46c	K20791	25000		K20821	40000	
K20795	15000		K20792	30000		K20822	50000	
K20796	20000	54c	K20793	40000	83c	K20823	100000	1.22
K20797	25000		K20794	50000				

Extra sliders to fit any of the above resistors.

K20825—Your Cost Each..... **5c**

Truest Carbon Resistors

Truest INSULATED CARBON RESISTORS



High quality carbon resistors, guaranteed accurate plus or minus 10%, in a processed moisture-proof insulating envelope. Can be used anywhere without fear of shorting. R.M.A. color coded.

Specify resistance desired when ordering.

Ohms	Ohms	Ohms	Ohms	Ohms
200	2000	15000	100000	750000
500	2500	20000	150000	1 Meg.
800	5000	25000	200000	2 Meg.
1000	7500	50000	250000	5 Meg.
1500	10000	75000	500000	10 Meg.

K5257—1/2-Watt, 1x1/2" **7c**

Your Cost Each

In Lots of 12 **70c**

K5258—1-Watt, 1 3/4x1/2" **8c**

Your Cost Each

In Lots of 12 **80c**

Truest Ohm Indicator

Handy
Simple
Reliable



Range 0-100,000 Ohms

Wire wound on a vitreous enameled Insulantite tube. 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. **\$1.49**

K4997—Your Cost

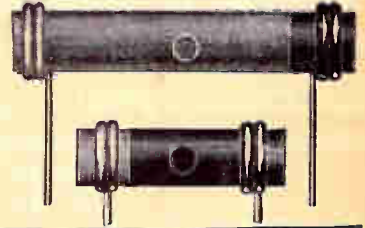
FREE RMA Resistor Color Code Chart

With every purchase of 3 or more Truest carbon resistors, a pocket size RMA color code chart is offered FREE. Specify on order.

GENERAL REPLACEMENT RESISTORS

All absolutely moisture proof and will stay permanent regardless of atmospheric conditions.

TRUEST 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 will not vary at normal voltage.



Resis. Ohms	1/2-Watt Stock No.	1-Watt Stock No.	2-Watt Stock No.	Resis. Ohms	1/2-Watt Stock No.	1-Watt Stock No.	2-Watt Stock No.
200	K4250	K4300	K4450	25000	K4274	K4324	K4474
300	K4245	K4348		30000	K4275	K4325	K4475
400	K4251	K4301	K4451	40000	K4276	K4326	K4476
500	K4252	K4302	K4452	50000	K4277	K4327	K4477
600	K4253	K4303	K4453	60000	K4278	K4328	K4478
700	K4254	K4304	K4454	70000	K4279	K4329	K4479
800	K4255	K4305	K4455	75000	K4280	K4330	K4480
1000	K4256	K4306	K4456	100000	K4281	K4331	K4481
1250	K4257	K4307	K4457	125000	K4282	K4332	K4482
1500	K4258	K4308	K4458	150000	K4283	K4333	K4483
2000	K4259	K4309	K4459	200000	K4284	K4334	K4484
2500	K4260	K4310	K4460	250000	K4285	K4335	K4485
3000	K4261	K4311	K4461	300000	K4286	K4336	K4486
3500	K4262	K4312	K4462	400000	K4287	K4337	K4487
4000	K4263	K4313	K4463	500000	K4288	K4338	
				750000	K4289	K4339	
				Megohms			
5000	K4264	K4314	K4464	1	K4288	K4338	
6000	K4265	K4315	K4465	1.5	K4248	K4351	
7000	K4266	K4316	K4466	2	K4289	K4339	
7500	K4267	K4317	K4467	2.5	K4249	K4352	
8000	K4268	K4318	K4468	3	K4290	K4340	
				4	K4291	K4341	
				5			
9000	K4269	K4319	K4469	6	K4292	K4342	
10000	K4270	K4320	K4470	7	K4293	K4343	
12000	K4271	K4321	K4471	8	K4294	K4344	
15000	K4272	K4322	K4472	9	K4295	K4345	
17000	K4273	K4323	K4473	10	K4296	K4346	
20000					K4297	K4347	

1/2-WATT SIZE		1-WATT SIZE		2-WATT SIZE	
Your Cost Each	5c	Your Cost Each	6c	Your Cost Each	10c
Per Dozen	49c	Per Dozen	60c	Per Dozen	99c
Per 100	\$4.00	Per 100	\$4.85	Per 25	\$2.00

HARDWICK-HINDLE 25-Watt Rheostats



Each element is wound on a puremicaform placed in a refractory base which is embedded in vitreous enamel. Each has a 1/2" bushing and nut for single hole mounting; depth behind panel 1 3/8"; base diameter 1 1/2"; 1/2" shaft; rotation 285 degrees. All rated 25-watts maximum. Have screw terminals. Furnished with knob. Shpg. wt. 1 lb.

Stock No.	Resis. Ohms	Max. Amps.	Your Cost
K8963	10	1.58	\$1.68
K8964	25	1.00	
K8965	50	.706	
K8966	100	.500	
K8967	250	.316	
K8968	500	.222	

Stock No.	Resis. Ohms	Max. Amps.	Your Cost
K8969	1000	.158	\$1.96
K8970	2500	.100	
K8971	5000	.070	

5-Watt ZIPOHM Wire-Wound Resistors



Ideal for replacement work. They are flat and fit into tight places. 1 1/4" tinned leads. Element covered by high temperature electric cement. Sizes: under 10,000 ohms, 1 1/2x1/2"; above 10,000 ohms, 2x1/2". Resistance values stamped on units. Available in following ohmage:

100	300	1000	2500	7500	15000
150	400	1250	3000	9000	17500
200	500	1500	4000	10000	20000
250	750	2000	5000	12500	25000

K5300—Your Cost Each, Specify Size Desired. **15c**

IRC All-Metal 25-Watt Rheostats



Safe operation at full 25-watts, down to 25% of full rotation. All metal construction, including die-cast aluminum case. High grade mica insulation; adequate spacing of parts. Large radius contact of special alloy. All 1 1/2" diameter, 2 1/2" behind panel. Shpg. wt. 1 lb.

Stock No.	Resis. Ohms	Max. Amps.	Your Cost
K9150	6	2.04	\$2.35
K9151	10	1.58	
K9152	25	1.00	
K9153	50	.709	
K9154	75	.575	
K9155	100	.500	
K9156	250	.315	
K9157	350	.267	
K9158	500	.222	
K9159	750	.173	

Stock No.	Resis. Ohms	Max. Amps.	Your Cost
K9160	1000	.155	\$2.65
K9161	1500	.129	
K9162	2500	.100	
K9163	5000	.070	

\$2.79

Truest Vitreous 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. Baked vitreous enamel coating. Each resistor is individually marked showing resistance.



10-Watt Rating 3/8x1 1/2" Insulantite Tube			
No.	Ohms	No.	Ohms
K4850	1	K4861	30
K4851	2	K4862	40
K4852	5	K4863	50
K4853	10	K4864	60
K4854	15	K4865	100
K4855	20	K4866	150
K4856	25	K4867	200
K4857	25	K4868	250

Your Cost Each, **20c**

Any Size In Lots of 10. Your Cost **\$1.85**

20-Watt Rating 1/2x2" Insulantite Tube			
No.	Ohms	No.	Ohms
K4910	25	K4926	1000
K4911	50	K4930	1500
K4912	75	K4933	2000
K4913	100	K4934	2250
K4915	200	K4936	2500
K4917	300	K4938	3000
K4919	400	K4940	4000
K4920	500	K4942	5000
K4923	750	K4943	6000

Your Cost Each, **32c**

50-Watt Rating 3/4x4" Insulantite Tube			
No.	Ohms	No.	Ohms
K4956	20	K4965	2000
K4958	100	K4969	4000
K4959	250	K4970	5000
K4960	500	K4971	6000
K4962	750	K4973	7500
K4963	1000	K4976	10000
K4964	1500	K4979	15000

Your Cost Each, **54c**

IRC Ultra High Range Resistors			
No.	Ohms	No.	Ohms
K5116	100 Meg.	K5119	1000 Meg.
K5117	250 Meg.	K5120	5000 Meg.
K5118	500 Meg.	K5121	10000 Meg.

Tolerance 20%. No surface leakage. Metallized ends, ceramic insulation 1 1/2x1 1/2". Max. volts 500.

Your Cost Each, **88c**

Centralab · IRC · YAXLEY

APPROVED RADIO PRODUCTS

NOTE: All controls listed at 59c are without switch. If switch is necessary on any of these units, it must be ordered separately and attached. Only the more popular controls are listed in this tabulation. We can supply a control for any standard radio receiver at a discount of 40% and 2% from list.

	YAXLEY		IRC		CRL	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
ALL-AMERICAN MOHAWK						
D (with switch).....			K9229	\$1.47	K8673	\$1.76
714, 742.....	K6714	\$0.59	K9436	.88	K8931	.59
D-L, H Series.....	K6614	1.47	K9229	1.47	K8912	1.47
K.....	K6680	.59	K9127	.59	K8863	.59
60, 61, 62, 65, 66, 80, 83, 84, 85, 86, 88, 8T.....	K6690	.88	K9422	.88	K8874	.59
ARVIN (NOBLITT-SPARKS)						
7, 17, 27, 37.....	K6731	.59	K9127	.59	K8777	1.18
51, 61, 61M, 62, 62M, 81M.....	K6680	.59	K9127	.59	K8863	.59
61M, 62M (Tone).....	K6678	.59	K9122	.59	K8880	.59
41.....	K6712	.59	K9107	.59	K8843	.59
10A (2 types), 15, 16, 20A (2 types), 20B, 25, 30A (3 types), 35 (2 types), 45 (2 types).....	K6798	.88	K9206	.88	K8793	.88
ATWATER KENT						
37, 38, 40, 41, 42, 43, 44, 45, 46, 47, 52, 53, 56, 57.....			K9212	.88	K8870	.88
37, 38, 40, 40F, 41DC, 42, 42F, 43, 44, 45, 46, 47, 52, 53, 56, 57 (Strip only).....	K6656	.29				
55, 55C, 55F, 55FC, 60, 60C (Late), 66, 55, 55C, 55F, 60, 60C, 61, 61C, 66 (Strip only).....	K6657	.29	K9230	1.47	K8658	1.76
55, 55C, 55F, 55FC, 60, 60C (Early), 61, 61C (D.C.).....					K8659	1.76
60, 60C, 70 (D & L Chassis), 74 (D & L Chassis), 76 (D, L & P Chassis), 87D (F Chassis).....	K6604	1.47	K9505	1.76	K8657	1.76
67, 67C, 228Q.....	K6678	.59	K9213	.88	K8862	.59
73, 76 (Q Chassis).....	K6606	1.47	K9475	1.47	K2902	1.47
73 (H Chassis).....	K6605	1.47	K9167	1.47	K8954	1.47
80, 80F, 83, 83F, 90, 90F.....	K6672	.59	K9214	.59	K8674	1.18
82, 82F, 86, 86F.....	K6733	.59	K9100	.59	K8876	.59
82D, 83, 89P, 92, 92F, 96, 96F, 99, 99F, 99P, 135Z, 137, 145, E145, E145X, 155, 165 (1st and 2nd types), 168, 185, 185A, 188, 188F.....	K6680	.59	K9148	1.18	K8863	.59
84, 84F (Late).....	K6754	.88	K9424	1.18	K9366	.59
87, 94, 94F.....	K6754	.88	K9476	1.18	K8955	.59
200, 200D, 206D, E206, E206X, E208, E208X, 215Z, P216, P216X.....	K6680	.59	K9127	.59	K8863	.59
217, 217D, 225, 228, 228F, 228D, 236, 237Q, 246, E248, E248X, 257, 260, 260F, 266 (2nd type), 275 (1st type), 286, 305Z.....	K6680	.59	K9127	.59	K8863	.59
E306, 310, 312, E312, 317, 318, 325, 328 (Early), P336, P336X, 337, 349, 356.....	K6680	.59	K9127	.59	K8863	.59
376, 376D, E412, E412X, P412, P412X, 425, 427, 427D, 435, 447, 448, 456, 467, 469, 469F, 469D, 475, 480, 487, 510, 525, 535, 545, 555, 558, 558D, 559, 565Z, E608, 612, 627, 637, 648, E648, 649, 649P, 665, 667, 676, 708.....	K6680	.59	K9127	.59	K8863	.59
710, P710, 711, 717, 725, P725, P725X, 725X, 735, P755, E765, E765X, 776, 788, 808, 808A, 812, 825 (A.C.-D.C.), 828, 856 (Early), E865, P875, 976 (Early).....	K6680	.59	K9127	.59	K8863	.59
854, 944.....	K6715	.59	K9113	.59	K8877	.59
82Q (below No. 2, 550, 940), 84, 84D, 84F, 84Q, 85, 85F (Early), 273D, 285Q, 415Q, 424, 469Q, 485Q, 509, 534, 558Q, 657Q, 747Q, 768Q, 978Q.....	K6680	.59	K9127	.59	K8863	.59
112, 810, 611.....	K6577	.88	K9128	.88	K8881	.88
255.....	K6582	.88	K9130	.88	K8882	.88
BELMONT						
40, 41, 50, 60, 70 Series, 444.....	K6712	.59	K9109	.59	K8843	.59
50F Series, 420, 425, 430, 440, 575, 600 (Early).....	K6717	.59	K9120	.59	K8840	.59
650, 660, 670, 670A, 675, 775.....	K6680	.59	K9127	.59	K8863	.59
770, 778 Series A, 879.....	K6582	.88	K9130	.88	K8882	.88
879 (Tone).....	K6791	.88	K9503	1.13	K8759	1.18
525, 550, 580, 585, Series D, 600 (Late), 625, 601B.....	K6680	.59	K9127	.59	K8863	.59
578, 777A, B.....	K6681	.59	K9129	.59	K8874	.59
403.....	K6543	.88	K9211	.88	K8956	.88
541, 544, 545, 555, 640, 755.....	K6580	.88	K9136	.88	K8882	.88
770A.....	K6582	.88	K9457	1.18	K8882	.88

	YAXLEY		IRC		CRL	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
BOSCH						
05, 10, 40, 41C, 119, 129, 139, 149, 242, 243, 250, 251, 305, 402, 405, 420, 430, 431, 434, 450, 451, 454, 500, 501, 502, 503, 510, 510E, 600, 605, 606C, 610.....	K6680	.59	K9127	.59	K8863	.59
54, 56.....	K6686	1.47	K9139	1.47	K8913	1.47
310A, 312, 313, 350, 352, 355, 360, 361, 364, 370, 386, 420, 421, 440, 441, 444, 460, 461, 462, 464, 470, 471, 474, 480, 481, 484, 576, 585, 601, 602, 670, 812.....	K6680	.59	K9127	.59	K8863	.59
524, 536, 634.....			K9465	1.13	K8776	1.18
536 (no switch), 636, 637.....	K6680	.59	K9127	.59	K8782	.88
736, 737, 738, 838.....	K6679	.59	K9125	.59	K8784	.88
28, 29.....	K6641	.88	K9220	.88	K8849	.88
48, 49 (Type 1).....	K6686	1.47	K9139	1.47	K8774	1.47
48, 49 (Type 2).....	K6658	1.47	K9411	1.47	K8895	1.47
58, 62DC.....	K6671	.59	K9410	.88	K8888	.59
BRUNSWICK						
11, 12, 16, 33 ("D" Chassis below No. 25000).....	K6765	.88	K9112	.59	K8873	.59
11A, 12A, 16A, 18, 33A ("D" Chassis above No. 25000), 17, 24, 25AC.....	K6766	1.18	K9127	.59	K8863	.59
14DC, 21DC, 31DC.....	K6737	.59	K9105	.59	K8868	.59
14, 21 (AC).....	K6676	.59	K9114	.59	K9032	.59
CLARION						
90, 91, 92, 94, 95, AC94, C94.....	K6732	.59	K9100	.59	K8876	.59
AC-160, 25-C, 160.....	K6734	.59	K9101	.59	K8865	.59
40, 100, 220.....	K6737	.59	K9104	.59	K8920	1.18
84, 85, 320.....	K6674	.59	K9109	.59	K8843	.59
Junior, 60, 60 Jr., AC-60, 25-C-60, 51, 53, 55, 422, 423, 425, 440.....	K6715	.59	K9115	.59	K8869	.59
300, 420, 450.....	K6680	.59	K9127	.59	K8863	.59
260, 340, 470, 472, 480, 280, AR-100 Auto.....	K6722	.59	K9127	.59	K8863	.59
COLONIAL						
32AC, 32DC.....	K6686	1.47	K9166	1.47	K8786	1.47
44, 47, 48, 50.....	K6713	.59	K9112	.59	K8843	.59
122, 236, 238, 242, 601, 602, 603, 604, 656.....	K6680	.59	K9127	.59	K8863	.59
250-300 (AC-DC), 501, 501AC, 605, 650, 655, 657, 658, 662, 700, 701, 702.....	K6680	.59	K9127	.59	K8863	.59
279, 300AC, 310, 500A, B, 654.....	K6706	.59	K9103	.59	K8866	.59
46, 73, 76, T-345, C-399, T-397, C-495, 52, 96, 99, 100, 62, 62L, 136, 91, 92, 75.....	K6714	.59	K9112	.59	K8931	.59
71 (Tone).....	K6680	.59	K9127	.59	K8863	.59
36, 38, 114, 117 (Hum).....	K6597	.88				
164, 164B, 182, 240.....	K6767	.88	K9432	1.18		
CROSLEY						
4-C-1, 5-M-3, 141, 147, 148, 155, 159, 163, 167, 176, 184, 5530.....	K6707	.59	K9477	1.13	K8868	.59
5-A-3, 5-V-2 (Deluxe Fiver), 102, 103, 173, 173-5, 182, 615.....	K6680	.59	K9127	.59	K8863	.59
5-II-1, 7-V-2, 8-B-3, 8-II-1, 50, 50LB, 119, 131-1, 146, 146-1, 157, 158, 164, 168, 168-D, 170, 171, 181, 622, 6-V-2, 60LB.....	K6723	.59	K9132	.59	K8696	.59
6-D-6-2, 6-H-2, 8-B-3, A156, 162-1, A166, 534, 605, 616, 636, 646, 714, 725, Viking, 815, 855, 865, 915, 1014, Centurian, 1055, Constitution, 6615.....	K6681	.59	K9129	.59	K8874	.59
6-B-1, 6-H-3, 8-AP, 134, 134-1, 175, 182, 614, 715 (Corsair), 814.....	K6723	.59	K9127	.59	K8863	.59
27, 28, 30, 31, 32, 33, 34, 40S, 41S, 42S, 82S, 315.....	K6792	.88	K9176	.88	K8851	.88
41, 41A, 42, 61, 602, 608, 609, 610, 704, 704A, 704B, 705, 706 (Female shaft).....	K6693	.88	K9412	.88	K8785	.88
124, 125.....	K6707	.59	K9425	1.13	K8677	1.18
132-1, 136-1.....	K6757	1.47	K9437	1.47	K8787	1.47
154, 172, 174, 176, 435.....	K6703	.59	K9107	.59	K8871	.59
169 (Late), 425, 515 Fiver, 516, 545, 546, 5516, 6516.....	K6712	.59	K9109	.59	K8843	.59
635 Buccaneer, 645, 655 Olympia.....	K6681	.59	K9453	1.13	K8874	.59
50, 51H, 50B-5H1, 61-6H2, 61LB, 6H2, 95 (Roamio), 96 (Auto).....	K6723	.59	K9132	.59	K8696	.59
99 (Tone), 127-1 (Tone), 129, 129-1 (Tone), 132-1 (Tone).....	K6717	.59	K9120	.59	K8840	.59
120.....	K6711	.59	K9107	.59	K8858	.59
129, 129-1.....	K6707	.59	K9109	.59	K8843	.59

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Centralab · IRC · YAXLEY

APPROVED RADIO PRODUCTS

NOTE: All controls listed at 59c are without switch. If switch is necessary on any of these units, it must be ordered separately and attached. Only the more popular controls are listed in this tabulation. We can supply a control for any standard radio receiver at a discount of 40% and 2% from list.

	YAXLEY		IRC		CRL	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
MAJESTIC (Cont.)						
70, 70B, 71, 72	K6712	.59	K9182	.88	K8972	.88
77, 290, 291, 293, 294, 300, 300A, 308, 304, 307, 310A, 310B, 311, 314, 315, 320, 321, 330, 331, 336	K6679	.59	K9200	.88	K8824	.88
90, 90B, 91, 92, 93	K6717	.59	K9174	.88	K8767	.88
90, 91, 92, 93 Equalizer	K6697	.88	K9492	.88	K8930	.88
370, 371, 373	K6715	.59	K9170	1.18	K8678	1.18
440, 44, 94, 194	K6709	.59	K9491	1.18	K8654	1.18
460	K6679	.59	K9201	.88	K8655	.88
1050	K6579	.88	K9130	.88	K8882	.88
50, 51, 52	K6753	1.47	K9420	1.47	K8903	1.47
59, 95 (520), 105 (520), 195 (500), 211, 214, 215 (210), 221, 223 (220)	K6679	.59	K9125	.59	K8879	.59
121, 123 (120, 120B)	K6685	1.47	K9193	1.47	K8927	1.47
201, 203, 204 (200)	K6680	.59	K9177	.88	K8926	.88
340, 360, 390, 460, 490, 500, 570, 600, 998	K6679	.59	K9125	.59	K8879	.59
411, 411A, 413, 413A	K6715	.59	K9170	1.18	K8927	1.18
MONTGOMERY-WARD (AIRLINE)						
AE-10, 2655	K6762	1.47	K9187	1.47	K8894	1.47
13, 15, 16, 16X, 17 (1933), 18, 18X	K6712	.59	K9107	.59	K8871	.59
62-16, 62-PC-55, 62-PC-64, 62-PC-68, 62-89, 62-103, 62-105	K6681	.59	K9129	.59	K8874	.59
62-38, 62-40, 62-50, 62-91, 62-93, 62-114, 62-116, 62-233	K6681	.59	K9129	.59	K8874	.59
62-166, 62-202	K6682	.59	K9458	1.18	K8790	1.18
62-179, 62-194, 62-206, 62-216, 62-218	K6612	1.47	K9494	1.76	K8672	1.76
62-185, 62-186, 62-187, 62-190, 62-196, 7GM	K6611	1.47	K9464	1.76	K8671	1.76
62-197	K9459	2.06	K8836	1.76	K8778	1.18
62-313, 62-314 (Tone)	K6591	.88	K9500	1.18	K8768	1.18
62-313, 62-314	K6613	1.47				
62-86, 62-86X (Supp.)	K6760	1.47				
62-23	K6599	.88	K9100	.59	K8876	.59
62-20, 62-20X, 62-25	K6598	.88				
62-53, 62-71, 62-74, 62-74X	K6544	.88	K9164	.88	K8906	.88
77, 95, 62-120, 62-122, 62-126, 62-128	K6590	.88	K9463	1.18	K8928	1.18
62-178, 62-181, 62-189, 62-211						
MOTOROLA (GALVIN)						
7 tube DeLuxe	K6744	.59	K9121	.59	K8862	.59
9 tube DeLuxe	K6715	.59	K9113	.59	K8877	.59
90, 100 (2 types), 101	K6731	.59	K9480	1.18	K8761	1.18
57, 62	K6731	.59	K9482	1.18	K8763	1.18
Twin 6, 60, 70, 75, 79, 80 Golden Voice 1936	K6731	.59	K9481	1.18	K8762	1.18
44, 55, 77, 77A (with D.P.S.T. switch)	K6690	1.18				
88	K6680	.59	K9127	.59	K8863	.59
PHILCO						
CT-2 Chrysler, CT5 DeSoto and Chrysler, C6, FT6 Ford, CZ Chrysler, DU Dodge, G (Code 122) Dodge, Chrysler, Hupmobile, PJ Plymouth Car Radio	K6587	.88	K9470	1.18	K8837	1.18
MP-3 (Pierce Arrow DeLuxe), RT-3 Reo, AC266 Studebaker, 800 (Code 122), 802, D (122), Nash, H (Code 122), Hupmobile, PHD, PHXD, Packard Car Radio	K6547	.88	K9466	1.18	K8650	1.18
5, 6, 7, 8, 9, 12, 624, PA, PB Packard (use D.P.S.T. switch)	K6680	.59	K9127	.59	K8863	.59
10 (Code 122), AC208 Studebaker, C Nash, D Nash, ME Pierce Arrow	K6547	.88	K9469	1.18	K8771	1.18
11, AC236 Studebaker, 700, 800, H Hupmobile, J Nash, R Hupmobile	K6540	.59	K9488	1.18	K8764	1.18
14 (Early), 15 (Late), 18 (Codes 121, 122, 124), 91 (Late), 503, 506, 507	K6587	.88	K9587	.88	K8796	.88
643	K6586	.88	K9451	1.18	K8844	1.18
805 Car Radio	K6680	.59	K9207	.88	K8830	.88
806 Car Radio, NT-7, ST-7-X, T-7, NT-8, T-8	K6547	.88	K9208	.88	K8810	.88
808 Car Radio	K6582	.88	K9467	.88	K8809	.88
809, 810, Car Radios	K6680	.59	K9208	.88	K8834	.88
818, 819, Car Radios	K6680	.59	K9468	.88	K8780	.88
20, 20A, 21, 41DC, 42DC, 70, 70A (below No. B22000), 77, 77A, 90, 90A (2-45's), 220, 220A, 270, 270A, 470, 470A, 570 (below No. B22000)	K6683	1.47	K9421	1.47	K8973	1.47
17 (Early), 17 (Code 121), 17, 17A (Code 122 and 123), 19 (Code 128)	K6546	.88	K9225	.88	K8974	.88
T3, T7, T8 (Nash), E (Pierce Arrow), 14 (Codes 121, 122, 123, 126-226)	K6547	.88	K9222	1.18	K8975	1.18

PHILCO (Cont.)

	YAXLEY		IRC		CRL	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
29 (Code 123TX), 49 (DC), 91 (Code, 126-226), 118, 118 (Code 123RX)						
144	K6547	.88	K9487	.88	K8796	.88
620, 620 (Code 121), 625, 630, 630 (Code 121), 635, 635 (Code 124), 640 (Code 121), 640X (Code 122), 645	K6579	.88	K9224	1.18	K8993	1.18
116X (Code 122), 643, 650, 655, 660, 665, 665 (Code 122)	K6586	.88	K9439	1.18	K8994	1.18
CU and CV (Chrysler), N (Ford Center Control), PT5 (120) Packard DeLuxe, SL, SF, SG De Soto, T2, T5, T6	K6587	.88	K9470	1.18	K8837	1.18
16 (Codes 121, 122, 123), 16 (Codes 125, 126, 127), 17 (Late), 17 (Code 121), 17, 17A (Codes 122, 123), 116B (Code 121), 500, 501	K6591	.88	K9439	1.18	K8994	1.18
200X, 201, 509X	K6592	.88	K9454	1.18	K8985	1.18
37-116 (Codes 121, 122), 37-610 (Codes 121, 122), 37-620, 37-623, 37-630, 37-640, 37-650, 37-660, 37-670, 37-675 (Codes 121, 122)	K6593	.88	K9496	.88	K8781	.88
96A, 504, 505, 1200 (Series), 1289AC, 90, 90A (1-47), 611, 623	K6680	.59	K9127	.59	K8863	.59
70, 70A (2nd type), 71	K6681	.59	K9204	.88	K8828	.88
53, 57, 59, 81, 84	K6715	.59	K9113	.59	K8877	.59
50, 50A	K6684	1.47	K9489	1.47	K9018	1.47
51, 51A, 52	K6707	.59	K9171	.88	K9017	.88
90, 90A (2-47's), 91 (Codes 121, 122)	K6681	.59	K9129	.59	K8874	.59
39, 391	K6680	.59	K9127	.59	K8863	.59
30, 96, 111, 11A, 112, 112A, 211, 212, 296	K6680	.59	K9181	.88	K9019	.88
38, 38A (Batt.) 38 (Code 121)	K6715	.59	K9205	.88	K8829	.88
86, 87, 511	K6712	.59	K9165	.88	K9015	.88
37-84 (Code 122), 84, 84B, 267E	K6715	.59	K9462	1.18	K9020	1.18
60, 66, 261, 264, 265, 505	K6680	.59	K9428	1.18	K9021	1.18
640, 641, 642, 645, 651	K6579	.88	K9450	1.18	K9022	1.18
610	K6680	.59	K9223	1.18	K9023	1.18
28, 28 (AC-DC), 45 (AC-DC), 29, 245	K6547	.88	K9441	1.18	K9024	1.18
97, 144, 98, 506	K6547	.88	K9435	1.18	K9025	1.18
80	K6740	.59	K9442	1.18	K9026	1.18
623 (Battery)	K6680	.59	K9452	1.18	K9027	1.18
RCA-VICTOR						
T-4-10, R17M, R18W, R27, 102	K6728	.59	K9461	1.18	K8694	.59
121, 122, 127, 140, 141, 141E, 220, 221, 222, 240, 320, 321, 327, 340, 340E	K6545	.88	K9472	.88	K8779	.88
R4, R6, R7, R7A, R7DC, R7LW, R9, R9DC, RE16, RE16A	K6621	.88	K9417	.88	K8868	.59
T-4-8, T-4-9, 100, 101, 103, 301, 310	K6672	.59	K9418	1.18	K8867	.59
5-T, C-6-8, C-6-2, 6-T, 6-K, 6-T-2, 6-K-2, T-6-1, T-6-7, T-6-8, C-7-6						
D-7-7, T-7-5, 7T, 7K, 7U, 7X, C-8-15, C-8-19, C-8-20	K6586	.88	K9455	.88	K8798	.88
8-K, 8-T, T-8-14, T-8-19, C-9-4, D-9-19, T-9-10	K6586	.88	K9455	.88	K8798	.88
T-5-2, M107, 117, 118, 119, 125, 211, 214, 225, 5M	K6545	.88	K9416	1.18	K8691	1.18
R8, R10, R11, R12, RE18, RE18A, RE19, R21, RO-23, RAE-26	K6636	.88	K9216	.88	K8693	.88
6-K-12, 9K, 9K2, 9T, 10K, 10T, T-10-1, T-10-3, T11-8, C-11-1, C11-3, D-11-2, C-13-2, 9-K-3, 9-U, 9-U-2	K6594	.88	K9495	.88	K8800	.88
10-K-1, 10-T (2nd Prod.), 15-U, 812-K, 813-K, 816-K	K6594	.88	K9495	.88	K8800	.88
R35, R39, RE57, RE73	K6773	1.47	K9189	1.47	K8994	1.47
R14, R15, RE17, R42, R48	K6694	1.47	K9190	1.47	K8905	1.47
C-15-3, C-15-4, D-22-1, 281	K6595	.88	K9456	.88	K8806	.88
RE20, R50, R55, RAE59, R71, R72, R74, R76, R77, RAE79, RE81	K6716	.59	K9423	.88	K8875	.59
R22, 112, 112A-DC, 114	K6737	.59	K9105	.59	K8868	.59
R24, R24A, M30, R43, 126B, 142B, 241B, 46 Rad. 46DC	K6743	.59	K9117	.59	K8861	.59
R32, RE45, R52, RE75	K6698	1.47	K9195	1.47	K8911	1.47
R37, R37P, R38, R38P, 120, 124, 223, 330, 331	K6578	.88	K9219	.88	K8690	.88
R78 (1st type)	K9473	1.47	K9473	1.47	K8815	1.47
R78 (2nd type), RAE 84	K6543	.88	K9474	.88	K8792	.88
80, 82, 86	K6737	.59	K9217	.88	K8867	.59
R90, R90P, 260, 261, 280, 380, 381	K6595	.88	K9438	1.18	K8692	1.18
M101, M104, M108, M109	K6679	.59	K9497	1.18	K8757	1.18
128, 128E, ACR136, 143, 224, 224E, 226, 242, 243, 322, 322E, 341, 342	K6545	.88	K9210	.88	K8791	.88
262, 263	K6545	.88	K9440	.88	K8811	.88
R8, R10, 25 (DC), (220V)	K6621	.88	K9216	.88	K8693	.88
60, 62	K6623	.88	K9414	.88	K8876	.59
66	K6624	.88	K9415	.88	K8876	.59
64, 67, 9-18, 9-54	K6626	.88	K9101	.59	K8865	.59
18, 18DC, 33AC, 41AC, 41DC, 51AC, 51DC, 50	K6629	.88	K9413	.88	K8858	.59

(Continued on page 155)

VOLUME CONTROLS

	YAXLEY		IRC		CRL	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
RCA-VICTOR (Cont.)						
RE16, RE16A, CE-29, R47, RAE68, 86 (Phono Control)	K6635	.88			K8925	.59
M34, M105, AR4229	K6798	.88	K9448	1.18	K8879	.59
6M, 6M2	K6579	.88	K9507	.88	K9028	.88
330, 331 (Phono)	K6580	.88	K9471	.88	K8690	.88
R71B	K6582	.88	K9130	.88	K8882	.88
C7-14, 8U, C8-17, D8-28, T8-16, T8-18, C9-6, T9-9	K6586	.88	K9455	.88	K8798	.88
C15-3, D221, 281, 380HR	K6595	.88	K9456	.88	K8806	.88
R28, R28P, R28BW, R28BWC	K6736	.59	K9103	.59	K8866	.59
M32, R-73A, R75 (2A5)	K6682	.59	K9131	.59	K8890	.59
RE40, RE40P	K6736	.59	K9103	.59	K8866	.59
300	K6677	.59	K9446	1.18	K8861	.59
R75 (47), RE80	K6739	.59	K9108	.59	K8872	.59
110, 111, 115, 210	K6671	.59	K9103	.59	K8866	.59
C11-1, D11-2 (Treble), T10-1, T-10-3 (Tone)	K6680	.59	K9127	.59	K8863	.59
R7, R9, RE20, R50, R55, RAE59, R70, RAE79 (Tone)	K6680	.59	K9127	.59	K8863	.59
RE18A (Tone)	K6745	.59	K9123	.59	K8879	.59
T4-8, T4-9, 103	K6672	.59	K9418	1.18	K8867	.59
SEARS ROEBUCK (Silvertone)						
359, 359X, 1857A, 1936, 1996	K6706	.59	K9103	.59	K8866	.59
1700, 1923, 1933, 1983, 1993, 7062	K6706	.59	K9103	.59	K8866	.59
1728A, 7074, 7126, 7144	K6728	.59	K9124	.59	K8694	.59
1705			K9506	1.76	K8656	1.76
1715, 1720, 1721, 1721X, 1722, 1722X, 1725, 1726X, 1732, 1732X	K6603	1.47	K9486	1.47	K8789	1.47
1922A, 1932A, 1982A, 1992A	K6736	.59	K9103	.59	K8866	.59
4404, 4406, 4409, 4410, 4411, 4413, 4424, 4425, 4442, 4443, 4444, 4445, 4522, 4523, 4524, 4542, 4543, 4544	K6680	.59	K9127	.59	K8863	.59
1800, 7106, 7111X, 7112, 7114, 7121	K6585	.88	K9112	.59	K8860	.59
1729	K6580	.88	K9128	.88	K8881	.88
7065	K6602	1.47	K9508	1.47		
1703, 1764	K6679	.59	K9124	.59	K8694	.59
G	K6661	.59			K8959	.59
E, F	K6662	.59			K8961	.59
SPARTON						
410, 420 (AC-DC), 430, 750D	K6700	1.47	K9196	1.76	K8823	1.76
69, 79A, 101, 109, 110AC, 301, 589, 591, 593, 930, 931	K6699	.88	K9202	.88	K8825	.88
89A, 103, 111A, 564, 570, 574, 600, 610, 620, 737, 740, 870	K6774	.88	K9203	.88	K8826	.88
12	K6614	1.47	K9449	1.47		
400, 410AC (Jr.), 410DC, 420AC (Jewell), 420DC, 9A	K6700	1.47	K9196	1.76	K8823	1.76
AC7, AC62, AC63, 79, 89, 99, 111	K6699	.88	K9202	.88	K8825	.88
30, 30A, 30B (Phono)	K6790	.88	K9180	.88	K8889	.88
235, 578, 750	K6774	.88	K9203	.88	K8826	.88
STEWART-WARNER						
R100A, B, E, 935, Series 950AC	K6701	.88	K9169	.88	K8901	.88
R104A, B, E, 106, R106, 108, 108X, 109, 110A, 110E, R110, R111, R112, R115, R116, R118, R119, R120A, R125, R125A, 1201, 1209	K6680	.59	K9127	.59	K8863	.59
R128D, R139D, 1281D, 1281D, 1289D, 1391D to 1399D	K6680	.59	K9127	.59	K8863	.59
R132, R134, R136, R137, R138, R1322, 1341 to 1349, 1361 to 1369, 1371 to 1379, 1381 to 1389	K6679	.59	K9125	.59	K8879	.59
R126, R126A, R126P, R126X (1261-1269)	K6577	.88	K9209	.88	K9029	.88
R142A, R142AS (1421-1429)	K6585	.88	K9114	.59	K9032	.59
R149 (1491-1499)	K6579	.88	K9130	.88	K8882	.88
R101A, B	K6707	.59	K9107	.59	K8871	.59
R102A, B, E	K6711	.59	K9444	.88	K8872	.59
R123 (1231-1239)	K6709	.59	K9108	.59	K8907	.59
STROMBERG-CARLSON						
10, 11, 12, 14	K6734	.59	K9101	.59	K8865	.59
58L, 58LB, 58T, 58TB, 58W, 58WB, 61T, 61TB, 61L, 61LB, 61W, 61WB, 61Y, 61Z, 115	K6681	.59	K9129	.59	K8874	.59
60, 62, 62B, 63, 63B, 64, 80	K6682	.59	K9131	.59	K8890	.59
635, 636 (Rear)	K6652	.88	K9228	.88	K8885	.88
635, 636 (Panel)	K6654	.88	K9179	.88	K8886	.88
638 (Rear)	K6797	.88	K9185	.88	K8893	.88
638 (Panel)	K6754	.88	K9184	.88	K8857	.88
641, 642, 652, 654 (Rear)	K6651	.88	K9178	.88	K8883	.88
641, 642, 652, 654 (Panel)	K6654	.88	K9179	.88	K8884	.88
846, 848 (Rear)	K6651	.88	K9178	.88	K8846	.88
846, 848 (Panel)	K6655	.88	K9183	.88	K8848	.88
150	K6582	.88	K9130	.88	K8882	.88
29 (Vol. and Tone)	K6680	.59	K9127	.59	K8863	.59
37, 38, 39, 40, 41	K6749	1.47	K9197	1.76	K8772	1.76
37, 38, 39, 40, 41 (Tone)	K6722	.59	K9433	1.18	K8863	.59
48, 49, 50, 51	K6541	1.47	K9194	1.47	K8773	1.47
68	K6674	.59	K9434	.88	K8872	.59

FREE! Volume Control Guide FREE!
 With every purchase of 3 or more Yaxley, Centralab or I.R.C. volume controls, you get a FREE volume control guide. Each book is packed with useful information on controls, circuits, tapers, etc. Make sure to request this book when you order 3 or more of any of the controls listed here.

	YAXLEY		IRC		CRL	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
UNITED MOTORS (DELCO)						
980525 (Buick), 980526 (Buick), 980529 (Buick), 980534-5 (Buick), 985301 (Chevrolet)	K6579	.88	K9130	.88	K8900	.88
4048	K6676	.59	K9113	.59	K8877	.59
4036 (B.O.P.), 4037, 4038, 4049, 4050	K6680	.59	K9127	.59	K8863	.59
WELLS-GARDNER						
ODM, 2CM	K6612	1.47	K9494	1.76	K8672	1.76
5E Series (25E1, 25E5)	K6544	.88	K9164	.88	K8906	.88
5G Series (35G510, 35G560)	K6590	.88	K9463	1.18	K8788	1.18
7GM Series (37G608, 37G566), 7K, 9 in line (Late), 90, 91, 92, 93, 200, 291, 292, 295	K6611	1.47	K9464	1.76	K8671	1.76
50, 572, 872	K6760	1.47	K9187	1.47	K8894	1.47
60, 63, 161, 162	K6598	.88			K8794	.59
C, CG (1st and 2nd types)	K6542	.88	K9199	.88	K8795	.88
6K Series	K6762	1.47	K9187	1.47	K8894	1.47
	K6577	.88	K9128	.88	K8803	1.18
WESTINGHOUSE						
WR-2	K6716	.59	K9175	.88	K8850	.88
WR-4	K6694	1.47	K9190	1.47	K8905	1.47
U6F, WR100, WR101, WR201, WR209, WR501	K6680	.59	K9127	.59	K8863	.59
WR15, WR15A, WR16, WR18	K6636	.88	K9216	.88	K8693	.88
WR19, WR20	K6716	.59	K9118	.59	K8875	.59
WR23, WR26, WR204, WR205, WR304, WR305, WR601	K6680	.59	K9127	.59	K8863	.59
WR24	K6743	.59	K9117	.59	K8861	.59
WR26, WR26M	K6680	.59	K9124	.59	K8694	.59
WR28, WR36	K6680	.59	K9219	.88	K8690	.88
WR30, WR31, WR37, WR38, WR39	K6680	.59	K9472	.88	K8779	.88
WR45, WR45A, WR46, WR46A, WR49, WR50	K6545	.88	K9210	.88	K8791	.88
WR48, WR48A, WR53	K6545	.88	K9416	1.18	K8691	1.18
WR500	K6680	.59	K9465	1.18	K8776	1.18
WR5, WR6, WR7, WR8	K6672	.59	K9217	.88	K8867	.59
ZENITH						
6B-107, 6B-129, 6B-164, 6S-128, 6S-137, 6S-147, 6S-152, 6S-157, 8S-129, 8S-154, 10-S-130, 10-S-147, 10-S-153, 10-S-155, 10-S-156, 10-S-157, 10-S-160 (1004, 1203, 5634, 5635, 5801 Chassis)	K6586	.88	K9493	1.18	K8680	1.18
9-S-30, 9-S-54, 9-S-55, 12-L-57, 12-L-58 (use extension shaft), 16-A-61, 16-A-63 (1202, 1202A, 1601C, 1601P, 5903 Chassis)	K6586	.88	K9431	1.18	K8679	1.18
50, 52, 53, 54, 57, 60, 61, 62, 64, 67 (single), 602 (1929), 612 (1929), 622, 642, 672	K6584	.88	K9429	1.18	K8802	1.18
10, 11, 12, 102, 112, 122	K6743	.59	K9117	.59	K8861	.59
33, 33X, 34, 35, 35A, 342, 352, 352A, 362	K6584	.88	K9164	.88	K8906	.88
50, 52, 53, 54, 57, 60, 61, 62, 64, 67, 70, 71, 72, 73, 77 (Dual), 602 (1929), 612 (1929), 622, 712 (1930), 722, 732, 772	K6619	1.47	K9198	1.76	K8924	1.76
91, 92 (type 1)	K6737	.59	K9430	1.18	K8804	.59
230, 240, 245	K6680	.59	K9127	.59	K8863	.59
220, 250, 260, 272	K6674	.59	K9109	.59	K8843	.59
410, 411, 420, 430, 440	K6577	.88	K9128	.88	K8843	.88
460, 462, 474, 475, 476B, 500, 501, 503, 514, 515, 516, 600, 604, 606, 610, 616, 618	K6680	.59	K9127	.59	K8863	.59
701, 702, 715, 755, 756, 760, 765, 767, 770B, 775B	K6680	.59	K9127	.59	K8863	.59
15, 16, 41, 42, 80, 422, 563DC	K6584	.88	K9173	1.18	K8861	.59
811, 862, 865, 866, 829, 870, S-870, S-871, 908, 909, 960, 961, S-908, S-909, S-961, 945, 960, 1117, 1162, 1167, 1170, 4V31, 4V59, 6V27, 6V62	K6679	.59	K9125	.59	K8879	.59
4P26, 4T26, 4P61, 4T61	K6671	.59	K9103	.59	K8866	.59
476, 476A (Chassis 2032), 520, 521, 530, 531, 533, 535 (Chassis 2035), 770 (Chassis 2032), 780 (Chassis 2032), 980, 985, 990 (Chassis 1201, 1201A)	K6577	.88	K9128	.88	K8881	.88
	K6544	.88	K9164	.88	K8906	.88

YAXLEY

APPROVED RADIO PRODUCTS

UNIVERSAL VOLUME CONTROLS

161 CONTROLS SERVICE 4610 DIFFERENT RECEIVERS



The line of Yaxley Volume Controls can be used to service over 90% of all the radio receivers now in use. With comparatively few units, the serviceman is enabled to meet practically all service requirements.

Yaxley Controls feature: (A) Minimum bias adjustment on all bias controls; (B) 3" aluminum shaft—to shorten just notch and break off; (C) Approved switch; (D) Knob adapter; (E) Extension bushing.

UNIVERSAL SINGLE CONTROLS

Furnished with 3" aluminum shaft (milled), standard bushing, cover-plate, and where necessary, the adjustable bias plate.

Stock No.	Part No.	Type	Res. Ohms	Taper	Stock No.	Part No.	Type	Res. Ohms	Taper
K6660	Q	WW	2	IV	K6713	H7*	WW	15000	VII
K6661	R	WW	6	IV	K6714	H12*	Car.	15000	I
K6662	S	WW	10	IV	K6741	A20MP*	WW	20000	IV
K6663	T	WW	20	IV	K6715	Y*	Car.	20000	I
K6664	U	WW	30	IV	K6742	Y25MP	Car.	25000	IV
K6665	V	WW	60	IV	K6676	J*	Car.	25000	I
K6666	W	WW	100	IV	K6743	Y50MP	Car.	50000	IV
K6667	X	WW	200	IV	K6677	K*	Car.	50000	IV
K6732	A40P	WW	400	IV	K6716	K12	Car.	50000	IV
K6668	A	WW	500	I	K6717	Z*	Car.	75000	II
K6733	A550P	WW	550	IV	K6718	Z12	Car.	75000	I
K6734	A1MP	WW	1000	IV	K6744	Y100MP	Car.	100000	IV
K6669	B	WW	1000	I	K6678	L	Car.	100000	I
K6719	UC500	WW	1000	II	K6729	UC510*	Car.	100000	II
K6735	A2MP*	WW	2000	IV	K6721	UC502	Car.	150000	I
K6670	C1*	WW	2000	II	K6745	Y200MP	Car.	200000	IV
K6704	C2*	WW	2000	II	K6746	Y250MP	Car.	250000	IV
K6736	A3MP*	WW	3000	II	K6670	M	Car.	250000	I
K6671	D*	WW	3000	II	K6730	UC511†	Car.	250000	I
K6705	D1*	WW	3000	VII	K6728	UC509†	Car.	250000	II
K6706	D2*	WW	3000	I	K6728	Y500MP	Car.	500000	IV
K6737	A5MP*	WW	5000	IV	K6680	N	Car.	500000	I
K6738	Y5MP	Car.	5000	II	K6731	UC512†	Car.	500000	I
K6672	E*	WW	5000	II	K6735	UC515*	Car.	500000	I
K6707	E7*	WW	5000	VII	K6793	UC513	Car.	500000	II
K6708	E12*	Car.	5000	II	K6722	UC503	Car.	750000	II
K6673	F*	WW	7500	II	K6739	Y1000MP	Car.	1 Meg.	IV
K6709	F*	WW	7500	VII	K6681	O	Car.	1 Meg.	I
K6710	F12*	Car.	7500	IV	K6794	UC514†	Car.	1 Meg.	I
K6739	A10MP*	WW	10000	IV	K6682	P	Car.	2 Meg.	I
K6740	Y10MP	Car.	10000	II	K6723	UC504	Car.	3 Meg.	I
K6674	G*	WW	10000	IV	K6724	UC505	Car.	4 Meg.	I
K6711	G*	WW	10000	VII	K6725	UC506	Car.	5 Meg.	I
K6712	G12*	Car.	10000	II	K6726	UC507	Car.	5 Meg.	II
K6720	UC501	Car.	10000	II	K6727	UC508	Car.	9 Meg.	I
K6675	H*	WW	15000	II					

Car.—Carbon element. WW—Wire wound. *—Has adjustable bias feature. Wire wound units have adjustable plate; carbon element controls have external adjustable resistor. †—Has slotted shaft for auto sets.

Your Cost Each, Any of the above Controls..... **59c**

UNIVERSAL TAPPED CONTROLS

Stock No.	Mfrs. No.	Res. Ohms	Tapped At Ohms	Stock No.	Mfrs. No.	Res. Ohms	Tapped At Ohms
K6542	TRP600	6000	2500	K6587	TRP614	350000	75000
K6543	TRP601	30000	6000	K6588	TRP615	3 Meg.	1 Meg.
K6544	TRP602	63000	3000	K6589	TRP616	500000	50000
K6545	TRP603	250000	125000	K6590	TRP617	60000	10000
K6546	TRP604	350000	25000	K6591	TRP618	2 Meg.	200000
K6547	TRP605	350000	75000	K6592	TRP619	500000	100000
K6577	TRP606	500000	100000	K6593	TRP620	2 Meg.	300000
K6578	TRP607	500000	250000				1 Meg.
K6579	TRP608	1 Meg.	200000	K6594	TRP621	2½ Meg.	250000
K6580	TRP609	1 Meg.	500000				500000
K6581	TRP610	1 Meg.	200000	K6595	TRP622	44000	7000
K6582	TRP611	1 Meg.	170000				14000
K6583	TRP612	2 Meg.	25000	K6596	TRP623	250000	60000
K6586	TRP613	2 Meg.	450000	K6576	TRP624	2½ Meg.	250000

Your Cost Each, Any of the above Controls Volume Controls..... **88c**

UNIVERSAL DUAL CONTROLS

Consist of two volume controls strapped together and driven by a single shaft. Units listed service practically all receivers.

Stock No.	Mfrs. No.	Type	Front	Rear	Front	Rear
K6684	CE	WW	2000	5000	I	I
K6658	GE	WW	10000	5000	VII	IV
K6685	GG	WW	10000	10000	VII	IV
K6686	GK	Car.	10000	50000	I	IV
K6703	KK†	Car.	50000	50000	I	IV
K6659	LL	Car.	10000	100000	I	I
K6687	LM	Car.	10000	250000	I	I
K6749	MM	Car.	250000	250000	I	I
K6750	MN	Car.	250000	500000	I	I
K6689	NN	Car.	600000	500000	I	I

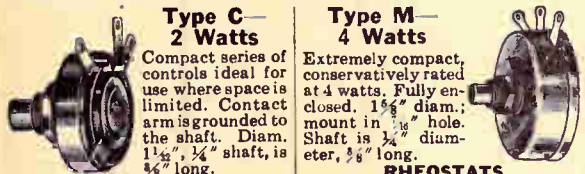
WW—Wire Wound element. Car.—Carbon element.

†—Slotted shaft for auto sets. Your Cost Each, Any Size..... **\$1.47**

Explanation of Yaxley Volume Control Tapers

- No. I. For audio or antenna shunt circuits.
- No. II. For series circuits such as cathode voltage controls.
- No. III. For antenna shunt and "C" bias circuits.
- No. IV. Linear taper; for voltage divider circuits.
- No. VII. Wire wound element. For antenna and "C" bias.

YAXLEY RHEOSTATS AND POTENTIOMETERS



Type C—2 Watts				Type M—4 Watts			
No.	Ohms	No.	Ohms	No.	Ohms	No.	Ohms
K6197	6	K6201	30	K6480	1	K6486	20
K6198	10	K6202	40	K6481	2	K6487	25
K6199	15	K6203	50	K6482	3	K6173	40
K6200	20	K6204	100	K6483	6	K6174	50
				K6484	10	K6175	60
				K6485	15	K6176	75

RHEOSTATS
Your Cost Each, Any Type..... **44c**

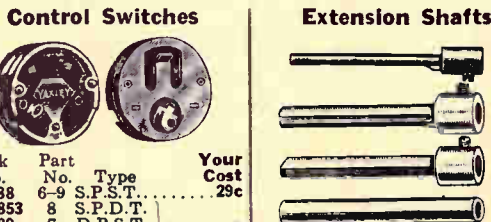
POTENTIOMETERS			
No.	Ohms	No.	Ohms
K6205	6	K6210	40
K6206	10	K6211	50
K6207	15	K6212	100
K6208	20	K6213	200
K6209	30	K6214	400

POTENTIOMETERS
Your Cost Each, Any of the Above..... **59c**

TYPE E—9-WATT POTENTIOMETERS			
No.	Ohms	No.	Ohms
K6188	5000	K6191	25000
K6189	10000	K6192	50000
K6190	20000	K6193	75000

POTENTIOMETERS
Your Cost Each, Any of the Above..... **\$1.47** (for 5000 Ohms), **\$1.62** (for 25000 Ohms), **\$1.62** (for 50000 Ohms)

VOLUME CONTROL ACCESSORIES



Stock No.	Part No.	Type	Your Cost
K6288	6-9	S.P.S.T.	29c
K12853	8	S.P.D.T.	
K6289	7	D.P.S.T.	
K6290	13	3-P.S.T.	
K6291	14	4-P.S.T.	

Control Switches
Your Cost Each..... **35c**

Type	Length	Diam.	Flat	Your Cost
K6561	1/4"	1/8"	1/16"	18c
K6562	1/4"	1/8"	1/16"	
K6563	1/4"	1/8"	1/16"	

Extension Shafts
Your Cost Each..... **18c**

Type	Length	Diam.	Your Cost
K6559	2"	1/4"	21c

Mounting Brackets
Your Cost Each..... **12c**

CONTROL HEX NUTS

No.	For Panels	Your Cost
K6384	1/4"	6c
K6386	1/2"	9c
K6385	3/4"	12c

New Mallory-Yaxley Encyclopedia

A new, bigger and more valuable edition. Fully described on page 102. Wt. 4 lbs. **\$1.91**

CENTRALAB Midget Radiohms

Small diameter controls for use in auto radio sets or in midget radios. Molded bakelite cases. All potentiometer type, with insulated terminals. Depth, less switch, $\frac{3}{8}$ " $\frac{1}{4}$ " shaft milled entire length. Separate switches easy to install. Same taper symbols as shown with standard Radioms at right.

Stock No.	Res. Ohms	Stock No.	Res. Ohms	Stock No.	Res. Ohms
K8187	5000 U	K8280	15000 A2	K8220	10000 U
K8190	10000 A	K8281	20000 A	K8272	10000 GT
K8188	10000 A1	K8237	25000 U	K8192	25000 GT
K8189	10000 A2	K8191	25000 A	K8273	50000 U
K8278	10000 S	K8218	50000 U	K8193	50000 GT
K8279	15000 A1	K8219	50000 T	K8194	1 Meg. GT

Your Cost Each, Any Type, Less Switch **59¢**

Tapped Midget Radiohms

Center tapped for tone compensation circuits (or faders).

No.	Ohms	Each
K8274	250000	88¢
K8275	500000	
K8276	1 Meg.	
K8277	2 Meg.	

Midget Switch Plates

No.	Type	Each
K8195	S.P.S.T.	29¢
K8196	S.P.D.T.	
K8197	D.P.S.T.	
K8198	4-Point	
K8199	*S.P.S.T.	

*—With dummy lug. **35¢**

CENTRALAB POWER RHEOSTATS



Ideal for use as motorspeed controls, charging rate regulators, etc. All metal frame and core insulated with treated asbestos. Wire wound.

Single hole mounting. Knob supplied. All 2" in diameter.

25-Watt Units		
No.	Ohms	No.
K8977	2	K8981
K8978	6	K8982
K8979	15	K8983
K8980	50	K8984

Your Cost **\$1.18**

50-Watt Units			
Stock No.	Res. Ohms	Stock No.	Res. Ohms
K8987	25	K8990	500
K8988	60	K8991	1000
K8989	150		

Your Cost **\$1.47**

K8992—50-watt power rheostat, 5000 ohm resistance. **\$1.47**

75-Watt Units			
No.	Ohms	No.	Ohms
K8995	50	K8998	500
K8996	150	K8999	1000
K8997	300		

Your Cost **\$1.76**

Each

YAXLEY Midget Controls and Accessories

17 types fit all UM and TM midget controls. Adapt controls for use with practically all modern auto and home receivers.

K6973—SS-1. Replaces any $\frac{1}{8}$ " round shaft or $\frac{1}{8}$ " or $\frac{3}{16}$ " flatted shaft up to 3" long.

K6974—SS-2. RCA, United Motor Service and any $\frac{1}{8}$ " diam. shaft up to 4" long.

K6975—SS-3. Replaces any $\frac{1}{8}$ " slotted shaft up to 2" long.

K6976—SS-4. RCA (part No. 12240, 12365, etc.).

K6977—SS-5. Philco '36, '37, '38 household receivers.

K6978—SS-6. RCA, Hudson H6.

K6979—SS-7. Motorola '38, Golden Voice, 70, etc.

K6980—SS-8. Motorola 35, 45.

K6981—SS-9. Motorola 65, etc.

K6982—SS-10. Motorola 60, 80, '36 Golden Voice, etc.

K6983—SS-11. Replaces any $\frac{1}{8}$ " slotted shaft 2 to 4" long.

K6984—SS-12. Philco, United Motor Service, Arvin.

K6985—SS-13. Belmont, Western Auto Supply, Howard, etc.

K6986—SS-14. Replaces any $\frac{1}{8}$ " slotted shaft up to 2" long.

K6987—SS-15. Replaces any $\frac{1}{8}$ " slotted shaft 4" to 6" long.

K6988—SS-16. Exact for RCA, cut to length for many others.

K6989—SS-17. Replaces any slotted "Inacap" shaft up to 6" long.

Your Cost Each, Any Shaft **15¢**

EXPLANATION OF YAXLEY TAPERS

- (1)—Antenna shunt or audio
- (2)—Series circuits
- (4)—Linear "taper"
- (4A)—Modified linear "taper"
- (5)—Special for tapped units
- (6)—Like (1), for tapped controls.

YAXLEY Midget Attachable Switches

No.	Type	Each	No.	Type	Each
K6968	S.P.S.T.	35¢	K6971*	3-P.S.T.	35¢
K6969	D.P.S.T.		K6972*	4-P.S.T.	
K6970	S.P.D.T.		*—Shorting type.		

CENTRALAB Radiohm Controls

Centralab controls use these features: patented rocking contact to the resistor; no change or noise after long service. Patented non-rubbing contact between an oil-treated wood bearing and a smooth polished metal contact band.



Shaft milled flat, $2\frac{1}{4}$ " long. Diameter $1\frac{3}{8}$ " depth, $\frac{3}{8}$ " shaft, $\frac{1}{4}$ " bushing, $\frac{3}{8}$ ". Taper indicated: U—Voltage Divider (Uniform); S—Antenna Shunt; A—Antenna Shunt and C Bias; A1—Antenna Shunt and C Bias, 1 Tube; A2—Antenna Shunt and C Bias, 2 Tubes; C—C Bias; T—Tone Control; GT—Audio Grid or Tone Control; P—Series in R. F. Plate.

No.	Ohms	No.	Ohms	No.	Ohms
K8876	500U	K8873	15000A	K8880	10000GT
K8865	1000U	K8831	15000A1	K8878	20000GT
K8859	2000U	K8877	20000A	K8694	20000C
K8866	3000U	K8869	25000U	K8879	25000GT
K8867	4000U	K9032	25000C	K8864	50000U
K8868	5000U	K8860	25000S	K8841	50000P
K8842	5000S	K8861	50000U	K8863	50000GT
K8907	7500U	K8875	50000T	K8908	75000GT
K8872	10000A	K9033	75000T	K8874	1 Meg. GT
K8871	10000A1	K8840	75000C	K8890	2 Meg. GT
K8843	10000A2	K8862	100000U	K8696	3 Meg. GT
K8858	10000S				

Your Cost Each, Any Type **59¢**

TAPPED RADIOHMS (For Tone Compensation)

K8891	250,000 Ohms GT	Each
K8881	500,000 Ohms GT	88¢
K8882	1 Megohm GT	
K8909	2 Megohm GT	

List Price \$1.50

Switch Coverplates for Standard Radiohms

K8665	S.P.S.T.	29¢	K8669	4-Point	35¢
K8666	S.P.D.T.	35¢	K8670	*S.P.D.T.	
K8660	D.P.S.T.		K8661	†S.P.S.T.	

*—Op. at clockwise position. †—With dummy lug.

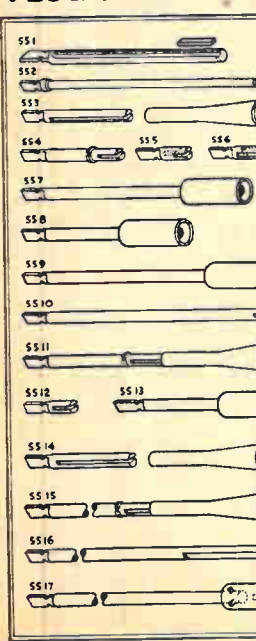
CRL Phonohm Controls



Headphone volume controls in sturdy bakelite cases; with knob. "L" pad type for group installations; potentiometers used with single controls. Supplied less cord.

No.	Ohms	Type	Each	No.	Ohms	Type	Each
K8914	5000	Pot.	88¢	K8917	5000	"L" Pad	\$1.18
K8915	10000	Pot.		K8918	10000	"L" Pad	
K8916	100000	Pot.		K8919	100000	"L" Pad	

YAXLEY PLUG-IN SHAFTS



YAXLEY Midget Controls and Accessories

YAXLEY Midget Controls

A new line of ultra-compact controls featuring noiseless composition elements; attachable switches; standard or plug-in typeshafts. Type MR units have long shafts, milled the entire length and furnished with knob adapters (for spring type knobs); Type UM have special shafts that will take any one of the 17 different types of plug-in shafts listed at the left. All in plated metal housings; all potentiometer type.

MR		UM		MR		UM	
No.	Ohms	No.	Ohms	No.	Ohms	No.	Ohms
K6900	5000 (4A)	K6926	10000 (1)	K6914	10000 (1)	K6940	10000 (1)
K6901	10000 (2)	K6927	10000 (2)	K6915	10000 (2)	K6941	10000 (2)
K6902	10000 (2)	K6928	10000 (4)	K6916	10000 (4)	K6942	10000 (4)
K6903	10000 (4)	K6929	15000 (1)	K6917	10000 (4)	K6943	15000 (1)
K6904	15000 (1)	K6930	15000 (2)	K6918	15000 (1)	K6944	25000 (1)
K6905	15000 (2)	K6931	20000 (1)	K6919	25000 (2)		25000 (2)
K6906	20000 (1)	K6932	20000 (1)		K6945	25000 (4)	
K6907	25000 (2)	K6933	25000 (2)	K6921	25000 (4)	K6946	35000 (1)
K6908	25000 (4)	K6934	50000 (1)	K6920	50000 (1)	K6947	50000 (1)
K6909	50000 (1)	K6935	50000 (2)	K6921	50000 (4)	K6948	50000 (4)
K6910	50000 (2)	K6936	75000 (1)	K6922	75000 (1)	K6949	75000 (1)
K6911	75000 (4)	K6937	75000 (2)	K6923	1 Meg. (1)	K6950	1 Meg. (1)
K6912	75000 (1)	K6938	75000 (1)	K6924	2 Meg. (1)	K6951	2 Meg. (1)
K6913	75000 (2)	K6939	75000 (2)	K6925	3 Meg. (1)	K6952	3 Meg. (1)

Type MR Controls Your Cost Each, Any Size **59¢**

Type UM Controls (less Shaft) Your Cost Each, Any Size **73¢**

"TM" Tapped Midget Controls



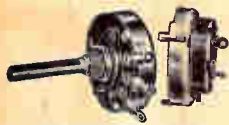
Similar to the type UM controls described above, but provided with a tap as shown. Used in tone compensating circuits. Designed for use with any of the 17 plug-in shafts listed at left.

Type TM Tapped Controls, Less Shaft Your Cost Each, Any Type Listed Below **73¢**

No.	Ohms	Tapped Taper	No.	Ohms	Tapped Taper
K6953	250000	50000	K6960	2 Meg.	500000
K6954	250000	125000	K6961	2 Meg.	5000
K6955	350000	75000	K6962	2 Meg.	25000
K6956	500000	5000	K6963	2 Meg.	50000
K6957	500000	125000	K6964	2 Meg.	200000
K6958	500000	250000	K6965	2 Meg.	500000
K6959	1 Meg.	200000	K6966	2 Meg.	1 Meg. 5
			K6967	3 Meg.	1 Meg. 4

STANDARD TYPE VOLUME CONTROLS

Trutest TRU-TAPER VOLUME CONTROLS



Switch Coverplate

A line of general purpose volume controls for replacement purposes and for the new set circuit. Features include: extra hard composition elements,

multi-point wiping contacts, correct taper. In metal housings. Provided with 1 1/4" shafts; bushings 3/8" diameter. Switch coverplate fits all units.

No.	Ohms	Taper
K9081	1000	Antenna Shunt.
K9082	2000	Antenna Shunt, "C" Bias.
K9083	5000	Antenna Shunt.
K9084	10000	Antenna Shunt, "C" Bias
K9085	25000	Antenna Shunt, "C" Bias
K9086	50000	Screen Volt. or Tone.
K9087	75000	"C" Bias.
K9088	100000	Screen Volt. or Tone.
K9089	250000	Audio Shunt or Tone.
K9090	500000	Audio Shunt or Tone.
K9091	1 Meg.	Audio Shunt or Tone.

Your Cost Each, Any Above Type (Less Switch)..... **28c**

Switch Coverplate (S.P.S.T.)..... **12c**
K9099—Your Cost Each..... **12c**

I.R.C. VOLUME CONTROLS



A complete line of standard replacement volume controls featuring: Bakelite base for resistance element; multi-spring noiseless contact arm; recessed terminals; easily attachable line switch. Shafts 2 1/4" long, milled. Bushing 3/8" x 3/4" long. Taper indicated

as follows: A—Uniform; B—Tone Control or Audio; C—Antenna Shunt or Audio; D—Antenna and "C" Bias; E—"C" Bias; F—Ant. and Bias. All units marked with an asterisk (*) include 300 ohm bias resistor.

Stock No.	Ohms	Stock No.	Ohms
K9100	500A	K9117	50000A
K9101	1000A	K9118	50000C
K9102	2000A	K9119	75000C
K9103	3000A	K9120*	75000D
K9104	4000A	K9121	10000A
K9105	5000A	K9122	10000C
K9106	5000C	K9123*	20000A
K9097	7500A	K9124*	20000D
K9107*	10000F	K9125	25000D
K9108*	10000A	K9144*	50000D
K9109*	10000D	K9126	50000A
K9110	10000C	K9127	50000C
K9111*	15000D	K9129	1 Meg. C
K9112*	15000F	K9131	2 Meg. C
K9113*	20000F	K9132	3 Meg. C
K9114*	25000D	K9098	5 Meg. A
K9115	25000A	K9099	7 Meg. A
K9116	25000F	K9137	10 Meg. A

Your Cost Each, Any Above Type..... **59c**

CENTER TAPPED CONTROLS

Tapped for tone compensation circuits.
K9145—250000 ohms K9130—1 Meg.
K9146—350000 ohms K9147—2 Meg.
K9128—500000 ohms
Your Cost Each..... **88c**

SWITCH COVERPLATES

S.P.S.T.	S.P.D.T.	D.P.S.T.
K9133—29c	K9134—35c	K9135—35c

I.R.C. "Twin" Controls



Dual controls for replacement purposes. Shaft section shunts from antenna to ground. In listing, front section is nearest the shaft.

Stock No.	Resist.	Ohms	Stock No.	Resist.	Ohms
K9138	10000	25000	K9141	250000	250000
K9139	10000	50000	K9142	500000	500000
K9140	100000	100000	K9143	2 Meg.	2 Meg.

Your Cost Each, Any Type..... **\$1.47**

CLAROSTAT Midget Composition Element Controls



A new line of all-purpose controls which, because of their small size, can be used anywhere. Feature latest type composition elements that are long lasting, free from noise and electrically perfect; only 1 1/4" diameter by 1/2" (less switch) or 1/4" with switch; cadmium plated metal parts; closely fitted shafts and bushings; immune to humidity and other climatic changes. All units provided with "add-a-switch" feature. All have milled shafts.



Single Midget Controls

Units listed below will service most of the receivers in use today.

Stock No.	Ohms	Stock No.	Ohms
K7350	2000S	K7373	30000S
K7351	3000S	K7374	50000S
K7352	3000U	K7375	50000W
K7353	4000S	K7376	50000Z
K7354	5000S	K7377	75000S
K7355	5000U	K7378	75000V
K7356	7500S	K7379	75000Z
K7357	7500U	K7380	100000S
K7358	10000S	K7381	100000Z
K7359	10000W	K7382	150000Z
K7360	10000U	K7383	200000S
K7361	10000V	K7384	200000Z
K7362	10000T	K7385	250000S
K7363	10000Z	K7386	250000Y
K7364	15000U	K7387	250000Z
K7365	15000V	K7388	500000S
K7366	15000S	K7389	500000Z
K7367	20000S	K7390	500000V
K7368	20000U	K7391	750000Z
K7369	25000S	K7392	1 Meg. S
K7370	25000W	K7393	1 Meg. Z
K7371	25000U	K7394	2 Meg. Z
K7372	25000V	K7395	5 Meg. V

Your Cost Each, Any Above Type..... **57c**

Switch Coverplates

Fit all midget controls listed here. Easy to attach.

No.	Type	Each
K7439	S.P.S.T.	20c
K7440	S.P.D.T.	
K7441	D.P.S.T.	
K7442	D.P.S.T.	

Tapped Midget Controls

Used in tone compensation circuits and as faders. Milled shafts. Switches listed below.

Stock No.	Res. Ohms	Tap at Ohms	Stock No.	Res. Ohms	Tap at Ohms
K7396	30000	6000	K7410	14000	1 Meg.
K7397	44000	7000	K7411	14000	1 Meg.
K7398	63000	3000	K7412	14000	1 Meg.
K7399	250000	25000	K7413	25000	2 Meg.
K7400	250000	50000	K7414	25000	2 Meg.
K7401	250000	100000	K7415	25000	2 Meg.
K7402	250000	125000	K7416	25000	2 Meg.
K7403	350000	75000	K7417	25000	2 Meg.
K7404	500000	100000	K7418	25000	2 Meg.
K7405	500000	50000	K7419	25000	2 Meg.
K7406	500000	250000	K7420	25000	2 Meg.
K7407	500000	100000	K7421	170000	3 Meg.
K7408	500000	350000	K7422	350000	2 1/2 Meg.

Your Cost Each, Any Above Type..... **88c**

Dual Midget Controls

Two separate elements connected in tandem for joint operation. Bakelite insulation.

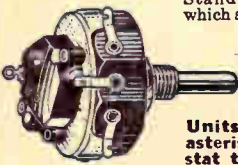
Stock No.	Resist. Front	Ohms Back	Stock No.	Resist. Front	Ohms Back
K7423	3000S	10000U	K7431	250000Z	250000Z
K7424	5000U	5000S	K7432	250000Z	500000Z
K7425	10000U	10000S	K7433	500000Z	2500S
K7426	10000U	50000S	K7434	500000Z	500000Z
K7427	10000U	10000U	K7435	1 Meg. Z	3 Meg. Z
K7428	25000U	25000V	K7436	1 Meg.	3 Meg. *
K7429	100000Z	100000Z	K7437	1 Meg. S	3 Meg. TL
K7430	100000Z	250000Z	K7438	2 Meg. S	2500S

*Tapped at 1 meg. Your Cost Each, Any Type..... **\$1.47**

Explanation of CLAROSTAT Volume Control Tapers

- L—Untuned Antenna.
- S—Standard Potentiometer.
- T—Antenna and "C" Bias, 2 tubes.
- U—Antenna and "C" Bias, 1 tube.
- V—"C" Bias Rheostat.
- W—Screen Grid and Phono Control.
- Y—Audio Shunt.
- Z—Audio Shunt and Tone Control.

CLAROSTAT Standard Wire Wound Controls



Standard controls to which switch may easily be attached. Bakelite cases. Diameter 1 1/4", mount in 3/8" hole. Shaft extends 1 1/2".

Units marked with asterisk (*) are rheostat type; all others are potentiometers.

Switch coverplate only, fits all units. S.P.S.T. K6837—Your Cost Each..... **20c**

No.	Ohms	No.	Ohms	No.	Ohms
K7048*	1	K7098	100S	K7081	7500S
K7049*	2	K7097	200S	K7080	7500U
K7050*	3	K7096	300S	K7079	7500V
K7051*	4	K7095	400S	K7078	10000S
K7052*	6	K7094	500S	K7076	10000U
K7053*	10	K7093	750S	K7075	10000V
K7054*	15	K7092	1000S	K7074	10000W
K7055*	20	K7090	2000S	K7073	15000S
K7056*	25	K7089	2000L	K7072	15000U
K7057*	30	K7088	2000V	K7070	20000S
K7058*	40	K7087	3000S	K7068	25000S
K7059*	50	K7086	3000U	K7067	30000S
K7060*	60	K7084	4000S	K7066	40000S
K7061*	75	K7083	5000U	K7065	50000S
K7062*	100	K7082	5000V	K7064	75000S
				K7063	100000S

Your Cost Each, Any Above Type..... **57c**

Trutest Duplicate Controls

For Victor models R-32, RE-45, R-52 and RE-75. Dual control. K9094—Each..... **89c**



For RCA-Victor models 42, 48, R-14, R-15, R-17. 10000 and 25000 ohms. K9093—Your Cost..... **\$1.12**

Each..... **\$1.12**

PHILCO 20, 20A and 220 Dual unit, 285 and 5000 ohms. K9092—Your Cost Each..... **89c**

ZENITH 70 Series Models 50, 60, 70, 71, 72, 73, 77, 712, 722, 723, 772. Dual unit, with switch. K9095—Your Cost Each..... **\$1.39**

Series 50 Control: Single unit, with switch. K9096—Your Cost Each..... **79c**

CARTER Midget Controls



Rheostats 1 1/4" diameter and pots. 1 1/4". Mount in 3/8" hole and extend 1/4" back of panel. 3/4" shaft extends 1 1/2". No knob included.

1-Watt Potentiometers—Type MP

No.	Ohms	No.	Ohms	No.	Ohms
K6515	6	K6518	20	K6521	500
K6516	10	K6519	200	K6522	1000
K6517	15	K6520	400	K6523	1500

1-Watt Rheostats—Type MR

K6524	3	K6528	20	K6531	40
K6525	6	K6529	25	K6532	50
K6526	10	K6530	30	K6533	75
K6527	15				

Your Cost Each, Any of the Above..... **24c**

YAXLEY RADIO PRODUCTS

APPROVED RADIO PRODUCTS

YAXLEY Midget Jacks

Extremely compact. Mount in $\frac{1}{8}$ " hole. Type A-1 "Infant" jack is not illustrated.



No.	Part	Type	Each
K6182	A-1	Open Circuit	15c
K6183	A-2	Circuit Closing	23c
K6184	A-2A	Two Circuit	25c
K6185	A-3A	Cir. Reversing	35c

YAXLEY Junior Jacks



Compact, extend only $\frac{1}{4}$ " behind the panel. Heavily plated springs.

No. 701.	Open Circuit	23c
K6450—Your Cost		
K6451—No. 702.	Circuit closing.	
K6435—No. 702B.	Three circuit microphone.	32c
Your Cost, Either Type		
No. 703—Single circuit filament control.		38c
K6452—Your Cost		
No. 704.	Interstage.	44c
K6453—Your Cost		
No. 706.	Interstage filament control.	56c
K6448—Your Cost		

YAXLEY Junior Jack Switches



Jack Switch lies parallel with panel.

Furnished complete with black knob; on-off plate. Mounts in $\frac{1}{8}$ " hole, up to $\frac{1}{4}$ " thick, $1\frac{1}{2}$ " deep.

No.	Part	Type	Each
K6471	730	S.P.D.T.	\$0.50
K6472	740	D.P.S.T.	.56
K6473	745	5-Spring	.65
K6474	760	D.P.D.T.	.73
K6475	733	3-P.S.T.	.73
K6469	744	4-P.S.T.	.94

Three Position Switches (Center Position Off)			
No.	Part	Type	Each
K6440	732	S.P.D.T.	.50
K6441	762	D.P.D.T.	.70
K6442	763	3-P.D.T.	.91
K6443	764	4-P.D.T.	1.15

YAXLEY Push Button Switches



Non-locking Types
Furnished with black Bakelite knob.
Mounts

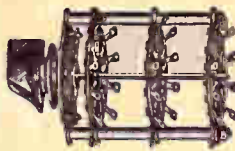
in $\frac{1}{4}$ " hole, panels up to $\frac{1}{4}$ ".

K6460—No. 2001. Make Contact.
K6461—No. 2002. Break Contact.
Your Cost, 53c
Either Type
K6462—No. 2003. S.P.D.T. 59c
Your Cost Each
K6457—No. 2004. 2-pole, 2-contact. 71c
Your Cost, Either Type
K6465—No. 2006. D.P.D.T. 88c
Your Cost Each
K6463—No. 2007. Make two circuits, break one. 76c
Your Cost Each
K6468—No. 2008. D.P.D.T. Make before break. 97c
Your Cost Each

Midget Jack Switches
Require little space. With knob, pointer and on-off plate. $\frac{1}{8}$ " hole mount.
No. 10—S.P.S.T.
K6446—Your Cost, 29c
No. 11—S.P.D.T.
K6447—Your Cost, 38c

YAXLEY Gang Switches

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 $\frac{3}{8}$ " and extend $\frac{3}{8}$ ". Pointer type, Bakelite knob supplied.



SINGLE GANG SWITCHES

Shorting Stock No.	Non Shorting Stock No.	Circuits	Points	Your Cost Each
K6247	K6263	1 Circuit	1 to 6 Points	\$0.59
K6248	K6264	1 Circuit	1 to 11 Points	.68
K6249	K6265	2 Circuit	1 to 5 points each	.73
K6250	K6266	3 Circuit	1 to 3 points each	.79
K6251	K6267	4 Circuit	1 to 2 points each	.85

TWO GANG SWITCHES

K6252	K6268	2 Circuit	1 to 6 points each	.94
K6253	K6269	2 Circuit	1 to 11 points each	1.03
K6254	K6270	4 Circuit	1 to 5 points each	1.18
K6255	K6271	6 Circuit	1 to 3 points each	1.23
K6256	K6272	8 Circuit	1 to 2 points each	1.32

THREE GANG SWITCHES

K6257	K6273	3 Circuit	1 to 6 points each	1.29
K6258	K6274	3 Circuit	1 to 11 points each	1.38
K6259	K6275	6 Circuit	1 to 5 points each	1.47

FOUR GANG SWITCHES

K6260	K6276	4 Circuit	1 to 6 points each	1.62
K6261	K6277	4 Circuit	1 to 11 points each	1.76
K6262	K6278	8 Circuit	1 to 5 points each	2.06

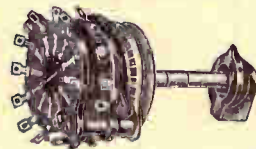
Push-Button Switches



Ideal for innumerable electrical and electronic circuits. Used for set analyzers, inter-office call systems, multi-meters, etc. Feature heavily silver-plated current carrying members, Bakelite insulation (low loss). Pushing any button automatically releases any other button that has been depressed. With escutcheon plates and full installation instructions. Wt. 4 lbs. No trimmers furnished.

4-Button Switches	
K6551—Circuit Closing	
K6552—Circuit Transfer	
List \$4.00	
Your Cost Each	\$2.35
6-Button Switches	
K6553—Circuit Closing	
K6554—Circuit Transfer	
List \$5.00	
Your Cost Each	\$2.94
8-Button Switches	
K6555—Circuit Closing	
K6556—Circuit Transfer	
List \$6.00	
Your Cost Each	\$3.53

Special Switches



No. 1400L—Circuit Opening. For testers and analyzers. 12 positions; opens one line at a time while maintaining circuit through others. $1\frac{1}{2} \times 2\frac{1}{2}$ " wide. $\frac{3}{8}$ " bushing. 2" notched shaft. With knob and dial plate. List \$4.50.
K6370—Your Cost \$2.65
No. 13124—24 Point Tap Switch. Non-shorting type. Notched shaft. With knob and dial plate. Shpg. wt. 2 lbs. List \$3.25.
K6371—Your Cost \$1.91

15-Point Tap Switch

A single-gang, 15-point tap switch of the shorting type. Furnished with pointer knob and etched dial plate marked 1 to 15. Mounts in a single $\frac{3}{8}$ " panel hole.
K6372—Your Cost 88c

"3100" Series Single-Line Tap and Circuit Selector Switches



Suitable for use in many types of test circuits. 2" notched shafts, $\frac{1}{4}$ " diam. With black bar knob and mounting nut. $\frac{3}{8}$ " bushings. Same features as gang switches (listed above). Shorting and non-shorting.

Shorting Stock No.	Non-Shorting Stock No.	No. of Circuits	Contacts Per Circuit	Base Diam.	Your Cost
K6878	K6888	One	5	1 $\frac{1}{2}$ "	\$0.44
K6879	K6889	One	12	1 $\frac{1}{2}$ "	.44
.....	K6890	Two	2	1 $\frac{1}{2}$ "	.44
.....	K6891	Two	3	1 $\frac{1}{2}$ "	.44
.....	K6892	Two	6	1 $\frac{1}{2}$ "	.44
K6880	K6893	Three	4	1 $\frac{1}{2}$ "	.53
K6881	K6894	Four	2	1 $\frac{1}{2}$ "	.50
K6882	K6895	Four	3	1 $\frac{1}{2}$ "	.53
K6883	K6896	One	17	1 $\frac{1}{2}$ "	.79
K6884	K6897	Two	9	1 $\frac{1}{2}$ "	.79
K6885	K6898	Three	6	1 $\frac{1}{2}$ "	.88
K6886	K6899	Six	3	1 $\frac{1}{2}$ "	.88
K6887					

NOTE: All 1 $\frac{1}{2}$ " base diam. types have adjustable stops.

YAXLEY Etched Plates

Hard aluminum with numbers etched in white. Fit $\frac{3}{8}$ " bushings. Plates with on-off position for use with switches. Others for use with step type controls and similar units.



No.	Marking	No.	Marking
K6224	1 to 2	K6243	1 to 15
K6225	1 to 3	K6244	Volume
K6226	1 to 4	K6235	Off—1 to 3
K6227	1 to 5	K6236	Off—1 to 4
K6228	1 to 6	K6237	Off—1 to 5
K6229	1 to 7	K6238	Off—1 to 6
K6230	1 to 8	K6239	Off—1 to 7
K6231	1 to 9	K6240	Off—1 to 8
K6232	1 to 10	K6241	Off—1 to 9
K6233	1 to 11	K6242	Off—1 to 10
K6234	1 to 12		

Any Type, Your Cost..... 9c
Marked "0-100"..... 15c
K6223—Each..... 15c

Phone Plugs and Jacks



No. 75—Bakelite housing. Screw term., coin slots. 29c
K6295—Your Cost
No. 75TC—Same as above, with inside loop for tie cord. 35c
K6345—Your Cost
No. 75A—Same as No. 75, with heavy nickel shell. \$1.32
K6346—Your Cost
No. 76—Three-way microphone plug. Bakelite shell. 59c
K6296—Your Cost
No. 76A—Same as above, with heavy nickel shell. \$1.47
K6347—Your Cost
No. 100—Extension jack, fibre shell. For No. 75 plug. 44c
K6348—Your Cost
No. 100A—Same as above, nickel shell. For 75A plug. \$1.47
K6349—Your Cost
No. 101A—Mike jack, nickel shell. For 76A plug. \$1.62
K6344—Your Cost
No. 77S. Phone plug metal shield only. Fits all plain plugs. 15c
K6299—Each

Round Head Jacks

Compact type. Insulated tops. Mount in a single $\frac{1}{4}$ " hole. For panels up to $\frac{3}{8}$ " thick. Each
K6534—Red 9c
K6535—Black 9c
K6536—Yellow 9c
K6537—Green 9c
Per Pair, 1-red, 1-black. 15c
K6538—Your Cost

Insulated Tip Jack

No. 420—Bakelite. Phone tips nest all the way in jack. Mount in a $\frac{1}{4}$ " hole. Each
K6505—Red 9c
K6506—Black 9c
K6507—Green 9c
K6508—Yellow 9c
Per Pair, 1 red, 1-black. 15c
K6467—Your Cost

Molded Twin Jacks
Shorting Type
Circuit is closed when the tips are removed. Red or Black. Specify color.
K13035—Your Cost..... 18c



Sockets



AMPHENOL Radio Tube Sockets



Bakelite—Steatite
Socket proper mounts in steel adapter plate in which it is held by a locking ring. Replaces any socket having 1 1/2" to 2" mounting centers. In Bakelite or Steatite.



BAKELITE		Your Cost
Stock No.	Prongs	Each
K13057	Four	7c
K13058	Five	
K13059	Six	
K13061	7, small	
K13060	7, large	
K13050	8, octal	10 For 65c 10 For 85c

STEATITE		Your Cost Ea.
Stock No.	Prongs	
K13194	Four	24c
K13195	Five	
K13196	Six	
K13197	7, small	
K13199	8, octal	
		10 For \$2.25

NEW!! AMPHENOL "MIP" Sockets



Solid bakelite body, with molded-in plate for 1 1/2" mounting centers. Strong, dependable and efficient. The "Super-Mip" socket is available in octal style only, and is ideal for U.H.F. use. The base is a new low-loss transparent material which has better electrical efficiency at high frequencies than other materials.



a new low-loss transparent material which has better electrical efficiency at high frequencies than other materials.

"MIP"		Your Cost Ea.
Stock No.	Prongs	
K13164	4	6c
K13165	5	
K13166	6	
K13167	7 small	
K13167	7 small	
		10 For 55c

SUPER "MIP"		Your Cost Ea.
Stock No.	Prongs	
K13168	7 large	7c
K13169	8 octal	
		10 For 65c
K13170	Super-Mip U.H.F. Octal Socket	Your Cost Each... 23c

AMPHENOL Cable Connectors



Steel-clad, 1 1/4" diam., 1 1/4" long.

Male Connectors		Your Cost
Stock No.	Prongs	
K11471	4	15c
K11472	5	
K11473	6	
K11474	7S	
K11490	8	
		10 For \$1.35

Female Connectors		Your Cost
Stock No.	Prongs	
K11475	4	15c
K11476	5	
K11477	6	
K11478	7S	
K11491	8	
		10 For \$1.35

Cable Clamp

Used with above connectors. Easy to install. Cadmium plated. **K13436—Your Cost 6c**

Locking Metal Sleeve Connectors

Designed to fit over the male and female connectors shown above. Cadmium plated steel. Diameter over all 1 1/2", length 2 1/2". **K11479—10 For \$1.35**
Your Cost, Per Pair 15c



Rubber Capped Male and Female Plugs

Molded rubber. Standard socket arrangement of holes and prongs. Ideal for outdoor use. Prevent broken cables.

Male		Female	
Stock No.	Your Cost	Stock No.	Your Cost
K11705	4	K11710	23c
K11706	5	K11711	
K11707	6	K11712	
K11708	7 S	K11713	
K11708	7 S	K11713	
		10 For 15c	

Two-Piece Connectors



Moulded Bakelite shells. Standard tube socket connections. Prices for two-piece connector **K11697—4 Circuit** Your Cost **K11698—5 Circuit** Each **15c** **K11699—6 Circuit** 10 For **\$1.40**

Steatite Octal Sockets

New type octal sockets for octal and UHF nets. Have full length, sure-grip plated prongs. Plated saddle has four ground lugs. RMA markings on under side. 1 1/2" centers, 1/2" deep. **K13108—Steatite**
Your Cost Each 20c



EBY Replacement Sockets



One-piece molded bakelite. Bronze contacts that are free floating and grip firmly. Easily and firmly mounted on panels and chassis by split spring steel ring. Supplied with adaptor plate to permit readily mounting on various standard mtg. center socket holes.

No. 12 EBY Sockets		Your Cost Ea.
Stock No.	Prongs	
K13138	4	7c
K13139	5	
K13146	6	
K13146	6	
		10 For 65c

INSULEX Sockets		Your Cost Ea.
Stock No.	Prongs	
K13147	7 small	9c
K13148	7 L. & S.	
K13149	8 octal	
K13149	8 octal	
		10 For 85c

Molded Bakelite. For sub-panel or top of panel mounting. Sturdily constructed. Firm-gripping positive contacts that will last indefinitely. Swell for bread-board experimental work (can be used over and over again) and for flush panel mounting.

Low loss. Top and sides glazed. Re-enforced springs. 2 1/4" long, 1 1/8" wide. Centers 1 1/4".

No. 12 EBY Sockets		Your Cost Each
Stock No.	Prongs	
K13072	4	18c
K13073	5	
K13076	6	24c
K13077	7 L & S	
K13079	8 octal	
		10 For 26c

INSULEX Sockets		Your Cost Each
Stock No.	Prongs	
K13064	4	25c
K13065	5	
K13066	6	
K13067	7 S	9c
K13068	8 octal	
		10 For \$2.30

AMPHENOL Above-Chassis Sockets



Chassis-type socket in aluminum shell. 1 1/16" above sub-panel. Has 4 "knockouts" for leads and flange.

Above-Chassis Sockets		Your Cost Each
Stock No.	Prongs	
K13100	4	7c
K13101	5	
K13102	6	
K13103	7 S	
K13104	7 L	
		10 For 65c
K13105	7 L.S.	9c
K13106	8 Oct.	
		10 For 85c

SUB-PANEL WAFER SOCKETS



Sturdily constructed of laminated Bakelite. Cadmium-plated, self-aligning, floating one-piece contacts. Midgets have 1 1/2" centers; standards have 1 1/16" centers. Octal midgets fit all metal and glass-metal tubes. Completely insulated top; have no markings.

Sub-panel Wafer Sockets		Your Cost Each
Stock No.	Prongs	
K13114	Four	5c
K13115	Five	
K13121	Six	
K13122	7, small	
K13125	7, large	
		8, octal... 6c
		10 For 55c

Standard Size		Your Cost Ea.
Stock No.	Prongs	
K13070	Four	5c
K13078	Five	
K13071	Six	
K13069	7, small	
K13074	7, large	
		10 For 45c

Midget Size		Your Cost 10 For
Stock No.	Prongs	Each
K13114	Four	5c
K13115	Five	
K13121	Six	
K13122	7, small	
K13125	7, large	
		8, octal... 6c
		10 For 55c

Bakelite Combination Base or Panel Sockets

Molded Bakelite STANDARD SOCKETS		Your Cost
Stock No.	Prongs	Each 10 For
K13090	4	15c \$1.45
K13091	5	
K13092	6	
K13093	7, small	21c \$2.05
K13094	7, large	
K13080	8, octal	23c 2.15

COMBINATION SOCKETS
K13095—Comb. 4, 5, 6 prong.
K13096—Comb. 5, 6, small 7 prong.
Your Cost Each, Either Type 25c

NA-ALD Base Mtg. Sockets

Molded Bakelite. 1 1/2" centers.		Your Cost Each
No.	Prongs	
K11692	4	21c
K11693	5	
K11694	6	
K11694	6	
K11695	7 small	6c
K11696	7 large	

3-Prong Battery Plugs
Molded. For socket type batteries.
K11642—For "C"
K11643—For "B"
Your Cost Each 6c

Bakelite Speaker Plugs



With Sure Grip Handles



Female		Male	
Stock No.	Your Cost	Stock No.	Your Cost
K11529	4	K11532	18c
K11529	5	K11533	
K11673	6	K11673	
K11674	7 L	K11679	
K11675	7 S	K11689	
K11676	8	K11672	

Plug and Socket Cable Connectors

Molded connectors designed to fit the standard tube sockets. Removable caps.



No.	Prongs	Each
K11666	4	9c
K12667	5	12c
K11668	6	15c
K11670	7 S	
K11669	7 L	
K11671	8 octal	

Cathode-Ray Tuning Indicator



The complete kit comprises a RCA 6T5 electron-ray tube, a socket and 24" cable, eye-type escutcheon, all necessary hardware and complete instructions. **K11432—Your Cost \$1.76**

C. Ray Tuning Indicator



Kit includes socket, bracket, bezel, cable and instructions. **K11480—Less tube**
Your Cost 59c
K11481—Extra mounting bezel
Your Cost 10c

913 Adapter Assembly



For 913 cathode ray tube consists of a complete wired socket assembly for the 913 (long leads), and a universal mtg. bracket. **K11489—Your Cost 59c**

Switches and Binding Posts

Porcelain Base Knife



Switches
Especially suitable for aerial and ground. Copper contacts and blades.

Stock No.	Type	Your Cost
K16820	S.P.S.T.	9c
K16821	S.P.D.T.	11c
K16822	D.P.S.T.	17c
K16823	D.P.D.T.	19c
K16825	3-P.D.T.	39c

Miniature Bakelite Knife Switches



Plated metal parts. Single pole types $1\frac{1}{2}$ " long; double pole $2\frac{1}{2}$ ".

Stock No.	Type	Your Cost
K16830	S.P.S.T.	32c
K16831	S.P.D.T.	38c
K16832	D.P.S.T.	44c
K16833	D.P.D.T.	50c
K16834	3-P.S.T.	62c
K16835	3-P.D.T.	76c
K16836	4-P.S.T.	88c
K16837	4-P.D.T.	94c

Midget Knife Switches



For base or panel mounting. Have black Bakelite bases, nickel plated brass parts. Single pole types $1\frac{1}{4}$ " long, $\frac{1}{2}$ " wide;

double pole $1\frac{1}{4}$ " long, $1\frac{1}{2}$ " wide.

Stock No.	Type	Your Cost
K16842	S.P.S.T.	11c
K16843	S.P.D.T.	15c
K16844	D.P.D.T.	24c

FEDERAL Anti-Capacity Switches



Springs are phosphor bronze silver-plated, actuated by a cam roller. Rapid in operation; minimum of capacity between elements.

Stock No.	Type	Your Cost
K12852	D.P.S.T.	\$1.65
K12851	D.P.D.T.	
K12850	4-P.D.T.	\$1.90

Canopy Switch



Rotary type, composition top. Very shallow. Wire leads. Rated 3 amp. at 125 volts.
K13342—8c
Each.
Per 25...\$1.75

Bracket Lug Strips



Lugs on $\frac{1}{8}$ " Bakelite strip. $\frac{3}{8}$ " between centers. Heavy duty type.

Stock No.	Lugs	Each	10 For
K13031	3	4c	35c
K13032	4	5c	45c
K13033	5	5c	42c
K13034	6	5c	42c

Twin Terminal Strip



Bakelite strip 2" long and $1\frac{1}{8}$ " wide. Cadmium plated screw terminals. Centers $\frac{1}{2}$ ".
K13145—Your Cost Each...4c
10 For...33c

CUTLER-HAMMER Switches

Cutler-Hammer switches are approved by the Underwriters.



Toggle Switches

Approved type high quality toggle switches with nickel plated metal parts. Single pole units rated 3 amps. at 250 volts; double pole units rated 2 amps., 250 v. Stems $1\frac{1}{2}$ " diam.

Single Pole-Single Throw	
K12836— $\frac{1}{2}$ " stem	17c
Your Cost, Each	\$1.55
10 for	
K12835—1" Stem	20c
Your Cost, Each	\$1.90
10 for	
Single Pole-Double Throw	
K12834— $\frac{1}{2}$ " stem	21c
Your Cost, Each	\$1.98
10 for	
Double Pole-Double Throw	
K12833— $\frac{1}{2}$ " stem	36c
Your Cost, Each	\$3.25
10 for	
Double Pole-Single Throw	
K12817— $\frac{1}{2}$ " stem	27c
Your Cost, Each	\$2.50
10 for	

S.P.S.T. Slide Switch



Approved by Underwriters. Bakelite case, metal "on-off"

plate. 6 amp., 125 v.
K12841—Your Cost...34c
10 for...\$3.20

Single Pole Triple Throw

Exposed type. Dead center position. $\frac{1}{2}$ " shaft, with hex. nut.



K12831—72c
Each
10 for...\$6.75

Single Pole-Double Throw

Similar to above. $\frac{1}{2}$ " shaft.
K12832—Your Cost, Each...22c
10 for \$1.95

"On-Off" Switch Plates

Heavily nickel plated. With locating projection. Marked "on" and "off".
K12818—Your Cost Each...2c
10 for...12c

C-H POWER SWITCHES



Heavy duty switches for amplifiers, motor control, etc. Ratings given are at 250 volts a.c. $1\frac{1}{2}$ " bushings.

Stock No.	Type	Ratings	H.P.	Ea.	For 10
K12813	S.P.S.T.	5 amperes	$\frac{1}{2}$	35c	\$3.20
K12814	D.P.S.T.	5 amperes	$\frac{1}{2}$	39c	3.50
K12815	S.P.S.T.	10 amperes	$\frac{1}{2}$	59c	5.45
K12816	D.P.S.T.	10 amperes	$\frac{1}{2}$	65c	5.95

EBY Slide Type Switches



Take a minimum of space and provide maximum flexibility. Bronze, silver plated contacts. High quality phenolic compound casing, metal mounting plate. Ridged slide button. Rated $1\frac{1}{2}$ amps. at 110v.

Stock No.	Type	Your Cost Each
K12842	S.P.S.T.	24c
K12843	S.P.D.T.	
K12844	D.P.S.T.	29c

Binding Posts

Spring Clamp Binding Posts

Insulated top. Spring clamp holds wire. Overall length 1".
K13046—Blank (no mk.)
K13047—Marked ANT
K13048—Marked GND
Your Cost Each...5c



Spring Clamp Binding Post Assembly



Posts mounted on Bakelite strip 2" long, $1\frac{1}{4}$ " wide. Centers $1\frac{1}{4}$ ". Marked "Ant" and "Gnd".
K13049—Your Cost...\$1.05
10 for



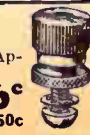
Tip Jacks Mounted on Bakelite. Contact springs grip cord tips securely.
K13037—Double jack. Each...5c
10 for...45c



K13036—Triple jack
Your Cost...7c
10 for...63c

Heavy Metal Binding Post

Nickel plated brass. Approximately 1" high.
K12946—Your Cost Each...6c
10 for...50c



EBY Binding Posts Non-Removable Tops

Specially designed for use on metal chassis. Stud has hole.
K13082—Junior Post Has $\frac{1}{8}$ " stud, $\frac{3}{8}$ " long. 9c
Your Cost Each
K13083—Ensign Post Has $\frac{1}{8}$ " stud, $\frac{1}{2}$ " long. 11c
Your Cost Each
K13084—Commander Post Has $\frac{1}{8}$ " stud, $\frac{7}{8}$ " long. 20c
Your Cost Each



EBY Twin Post Units

On laminated strips. Marked "ANT" and "GND".
K13062—Your Cost...15c
Similar to above, but triple post marked "L. ANT", "S. ANT" and "GND".
K13063—Your Cost...20c

Insulated Posts

Red or black composition top. Plated ferrule. Specify color.
K13163—Your Cost...5c



Non-Removable Top Binding Post

With grommets. Stud has hole. $\frac{1}{8}$ " long (closed).
K13003—Red 8c ea.
K13001—Black

Colored Twin Tip Jack

Colored insulation; one red and one black tip jack. Centers $1\frac{1}{4}$ ".
K12936—Your Cost...12c

H. & H. Rotary Panel Switches

Rated 3 amps., 125 volts. Approved type Cadmium plated lug terminals. Furnished with locknuts. Shaft extends 1". Bushing $\frac{3}{8}$ " in diameter.

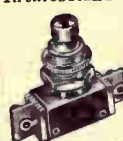


Stock No.	Type	Each	10 For
K12779	S.P.S.T.	16c	\$1.50
K12780	S.P.S.T.*	22c	2.05
K12781	D.P.S.T.	33c	3.10
K12782	D.P.S.T.*	42c	3.90
K12783	D.P.D.T.	38c	3.50
K12784	D.P.D.T.*	40c	3.70

*Bushings extends 1". Others have $\frac{3}{8}$ " long bushings.

H. & H. Two-Circuit Push-Button Switches

In normal position, with plunger out, one circuit is "on" and the other "off". When plunger is pressed in, circuits are reversed. Slow made, quick break momentary contacts. Silver plated lug terminals; laminated Bakelite insulation. Rated 75 watts at 125 volts a.c. Bushing $1\frac{1}{2}$ " diameter and $\frac{1}{2}$ " long. In three standard types shown below.



Metal Plunger
Used on Supreme instruments and other makes.
K12774—Your Cost...25c
10 For...\$2.25

Bakelite Button Type

With concave Bakelite button.
K12775—Red
K12776—Black
Your Cost...37c
10 For...\$3.40



Bakelite Tip

Supplied with a narrow Bakelite tip at the end of the plunger.
K12777—Red
K12778—Black
Your Cost...30c
10 For...\$2.70



Key Lock Switches

Designed for use in auto or portable receivers. Approved, rated 3 amps., 250 volts.
K6221—S.P.S.T. 29c
Your Cost Each
K6222—D.P.S.T. 45c
Your Cost Each



Heavy Bakelite Terminal Strips

Screw and coil terminals mounted on $\frac{1}{8}$ " Bakelite strips, $\frac{1}{8}$ " wide.

No.	Term.	Centers	Ea.	10 For
K13140	2	1 $\frac{1}{2}$ "	9c	75c
K13141	3	2"	12c	\$1.00
K13142	4	2 $\frac{1}{2}$ "	15c	1.30
K13143	5	3"	19c	1.60
K13144	6	4"	23c	1.90

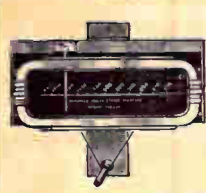


BAKELITE MOUNTING STRIPS

For mounting parts which are to be insulated from chassis. Tinned.

Stock No.	Lugs	Each	10 For
K13133	2	3c	16c
K13134	3	3c	18c
K13135	4	4c	33c
K13137	6	4c	35c

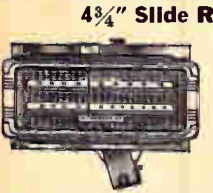
DIALS



3 1/16" Slide Rule Dial
 Neat, attractive dial of the modern "slide-rule" type. Single band scale is calibrated from 500 to 1700 kc. and has a full length (1 3/8") pointer. Drive ratio is four to one in 180 degrees. Knob shaft is 1 3/8" long and 3/8" in diam. Hub designed for both 3/8" and 5/8" condenser shafts. Scale is lighted by two dial lights (pilot light sockets included). Bronze escutcheon 4 3/4" x 2 3/4" furnished. All metal parts are plated. For clockwise or counter-clockwise condensers. Shpg. wt. 2 lbs.
K9900—Your Cost. \$1.62



Special 2 1/2" Airplane Dial
 A highly attractive full-vision airplane dial at an exceptionally low price. Has a 2 1/2" diameter dial protected by a glass lens. Ratio 5 to 1 in 360 degrees. Double edged pointer covers both scales; easy to read. Upper scale graduated from 550 to 1600 kc.; lower scale calibrated from 0 to 100. Takes 1/4" or 3/8" condenser shafts. Ideal for dual wave sets (combination short wave and broadcast). Comes complete with two pilot light sockets and a 3 1/2" bronze finished bezel.
 Each
K9912—For Clockwise Condensers \$3.63
K9911—For Counter-clockwise Cond. \$3.63



4 3/4" Slide Rule Dial
2-Band
 Dial calibrated from 550 to 1700 kc. and from 6 to 16 mc. (19-49 meters). Positive friction drive, ratio 6 to 1 in 180 degrees. 1 1/2" knob shaft 1/2" in diam. Hub takes 3/8" and 5/8" condenser shafts. Bronze escutcheon 6 3/4" x 8 1/4". With pilot light socket. For clockwise or counter-clockwise condensers.
K9901—Your Cost. \$2.06



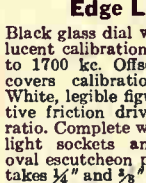
3 15/16" 2-Speed Airplane Dial
Band Spread type; has both dual knife edge pointer and "second hand" pointer. Band spread ratio is 36 to 1. Two speed tuning control; normal ratio 24 to 1, slow speed ratio 125 to 1. Diameter 3 15/16". Upper scale calibrated 0 to 100, lower scale 100 to 0. Hub takes 1/4" and 3/8" condenser shafts. 1/4" knob shaft. Furnished with 2 pilot light sockets and bronze escutcheon. With double knob. Shpg. wt. 2 lbs.
K14221—Your Cost. \$2.25



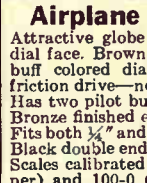
Modern Airplane Dial
 This attractive modernistic dial will dress up any receiver. Scale supplied is universal for use with either clockwise or counter-clockwise condensers. Bands clearly marked and all scales easily and directly read. Ratio 10:1 in 180°, diameter 3 1/2". For use with both 3/8" and 1/2" condenser shafts. No necessity for special cabinet cutout—will fit standard 3 1/2" round opening. Complete with bronze escutcheon. Shpg. wt. 1 lb.
K9908—Your Cost, Each. \$1.05



CROWE 5 3/4" Slide-Rule Dial
3-Band
 Beautiful Pyralin scale calibrated from 550 to 1700 kc., 5.5 to 18 mc. and 1.6 to 5 mc. Pointer travels 5 3/4". Ratio 9 to 1 in 180 degrees. Hub takes 1/4" or 3/8" condenser shafts. 1/2" diam. knob shaft. With antique bronze escutcheon. Croglas crystal. 2 pilot light sockets.
 Each
K9807—For clockwise cond. \$2.59
K9808—For counter-clock. cond. \$2.59



Edge Lighted Oval Dial
 Black glass dial with translucent calibration from 550 to 1700 kc. Offset pointer covers calibration marks. White, legible figures. Positive friction drive, 1 to 1 ratio. Complete with 2 pilot light sockets and bronze oval escutcheon plate. Hub takes 1/4" and 3/8" condenser shafts. 1/4" knob shaft. Universal scale for clockwise and counter-clockwise condensers. Shpg. wt. 2 lbs.
K9883—Your Cost. \$1.30

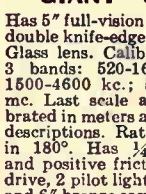


Airplane Dials
 Attractive globe design on dial face. Brown figures on buff colored dial. Positive friction drive—no backlash. Has two pilot bulb sockets. Bronze finished escutcheon. Fits both 1/4" and 3/8" shafts. Black double ended pointer. Scales calibrated 0-100 (upper) and 100-0 (lower). Shpg. wt. 2 lbs. For Counter-Clockwise Condensers.

Stock No.	Diam.	Ratio	Your Cost
K14150	2 5/8"	6 1/2 to 1	\$.68
K14151	3 3/8"	8 3/2 to 1	.79
K14152	3 1/4"	10 to 1	.99
K14153	4 1/8"	12 to 1	1.19



CROWE Giant 9 1/2" Dial
3-Band
 Slide-rule type. Pointer travels 9". Scale calibrations: 550 to 1700 kc.; 5.5 to 18 mc. and 1.6 to 5 mc. Pyralin scale with Croglas crystal. Hub takes 1/4" or 3/8" condenser shafts. Ratio 9 to 1 in 180 deg. 1 1/2" knob shaft. Antique bronze escutcheon. With 2 pilot light sockets. Wt. 4 lbs. Each
K9809—For clockwise condensers } \$3.88
K9810—For counter-clock. cond. } \$3.88



"GIANT" 5" AIRPLANE DIAL
 Has 5" full-vision dial and double knife-edge pointer. Glass lens. Calibrated in 3 bands: 520-1600 kc.; 1500-4600 kc.; 5.8-15.8 mc. Last scale also calibrated in meters and word descriptions. Ratio 5 1/2:1 in 180°. Has 1/4" shaft and positive friction grip drive, 2 pilot light sockets and 6" bronze escutcheon. Takes either 1/4" or 3/8" shafts. Shpg. wt. 2 lbs.
K9907—For counter-clockwise condensers. \$1.39
K9906—For clockwise condensers. \$1.39
Your Cost, Either Type. \$1.39



KURZ-KASCH Dials
 Made of molded Bakelite. Requires only one hole for condenser shaft and two small holes to secure dial to panel. Dial ratio 8 to 1. No backlash. Fits 1/4" shaft. *Indicates for counter-clockwise condensers; others clockwise rotation. Shpg. wt. 1 lb.

No.	Calib.	Size	Each
K9806	0-100-0	3"	38¢
K9803	200-0*	4"	
K9804	0-200*	4"	45¢
K9805	100-0-100	4"	

Permeability Tuned Push-Button Converter
 Meissner

 Can be installed in any a.c. super with 456 or 465 kc. i.f. system. Has 8 buttons; seven for selecting stations, and one for "manual tuning." Connects into the i.f. system in the receiver. Cable and plug connections. Converter obtains power from receiver (250 volts plate and 2.5 or 6.3 volts filament) and uses either a 2A7 or 6A7 tube. Size: 6 1/2" x 7 1/2" x 2 1/2". With dull-gold escutcheon, cable and plug and instructions. Shpg. wt. 4 lbs.
K21149—Less Tubes \$10.88
Your Cost. \$10.88

MEISSNER Home Radio Robot Control
 ● Can Be Used With Any Radio Set
 ● Tunes Seven Stations Automatically

 The most modern, most efficient remote control unit on the market. Can easily be installed on any home radio, either t.r.f. or superhet, and there are only TWO CONNECTIONS TO MAKE. Installation of this unit in no way affects the performance of the set.
Tunes 7 Stations Automatically
 Tune any one of your seven favorite stations merely by pressing the station button. Accurate station settings can be made in a few minutes without using tools. No technical knowledge required. Unit is PERMEABILITY TUNED; once stations are set, no further adjustments are necessary. Absolutely no drift. An eighth button, when depressed, permits manual tuning at the set. A BUILT-IN VOLUME CONTROL permits volume adjustments at the remote control unit. Remote control can be placed at any distance from the radio without affecting operation. Housed in hardwood two-toned walnut cabinet 5 1/2" x 9 3/4" x 4 3/4".
K21141—Meissner Remote Control, complete with tubes (1-6A7, 1-1V). For 110 volts a.c. or d.c. With 16-ft. cable. Shpg. wt. 7 lbs. List \$26.50 \$15.58
Your Cost, Complete. \$15.58

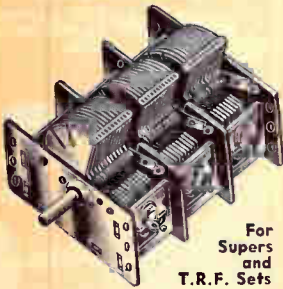
6 and 8-Button Automatic Tuners

 Can be attached to any superhet or t.r.f. receiver using either a two or a three gang variable condenser. One button on each model, when depressed, places the receiver in manual tuning position (automatic tuner out of circuit). Balance of buttons select your favorite stations automatically. Each station button has a pair of trimmers which are set for maximum performance. Installation consists of mounting the unit and connecting five wires. Escutcheon plate, hardware and instructions furnished. Shpg. wt. 4 lbs. each.
K21148—6-Button \$2.65
Your Cost. \$2.65
K21142—8-Button \$3.75
Your Cost Each. \$3.75

Variable Condensers and Knobs



Truest GANG CONDENSERS



Compact, correctly designed variable condensers for t.r.f. and superhet circuits. All feature heavy aluminum plates, ball bearing rotors and Bakelite insulation. All have low-loss end plates. Two- and three-gang units supplied with trimmers on the side. All have $\frac{1}{4}$ " diameter, $1\frac{1}{4}$ " long shafts; each furnished with a split bushing with clockwise and counter clockwise rotation. Size: 1-gang— $1\frac{1}{8}$ " high, $3\frac{3}{8}$ " wide. 1-gang condensers are $1\frac{1}{4}$ " long; 2-gang condensers are $2\frac{1}{4}$ " long; 3-gang condensers are $3\frac{3}{8}$ " long. Average shipping weight 2 lbs.

COUNTER-CLOCKWISE

CLOCKWISE

.000365 Mfd. for T. R. F. Circuits

Stock No.	Gangs	Your Cost	Stock No.	Gangs	Your Cost
K9710	1	\$0.78	K9720	1	\$0.78
K9711	2	.89	K9721	2	.89
K9712	3	1.29	K9722	3	1.29

.00041 Mfd. for T. R. F. Circuits

K9732	2	.89	K9734	2	.89
K9733	3	1.29	K9735	3	1.29

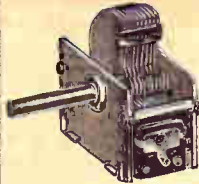
.000365 Mfd. for 175 Kc. Superhets

K9792	2	.89	K9794	2	.89
K9793	3	1.29	K9795	3	1.29

.000365 Mfd. for 456 Kc. Superhets

K9798	2	.89	K9796	2	.89
K9799	3	1.29	K9797	3	1.29

Compact Single Condensers



Heavy aluminum plates well anchored; $\frac{1}{4}$ " brass shaft extends $1\frac{1}{8}$ "; ball-bearing rotors; end stop; counter-clockwise rotation. Overall: $1\frac{1}{8}$ " high, $1\frac{1}{8}$ " deep, $2\frac{1}{8}$ " wide. Supplied less trimmers. Shpg. wt. 1 lb.
Stock No. Cap. Mfd. Your Cost Each

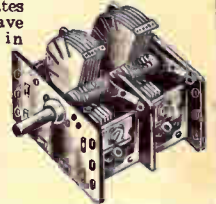
K9762	.0001	
K9763	.00014	
K9764	.00025	
K9765	.000365	

54°

Truest SHORT-WAVE CONDENSERS

Low shield type Have heavy aluminum plates and ball bearing rotors. All units have counter-clockwise rotation. Shafts are $\frac{1}{4}$ " in diameter and extend $1\frac{1}{4}$ ". Size: 1-gang— $3\frac{1}{8}$ "x $1\frac{1}{8}$ "x $1\frac{1}{8}$ "; 2-gang— $3\frac{1}{8}$ "x $1\frac{1}{8}$ "x $2\frac{1}{8}$ "; 3-gang— $3\frac{1}{8}$ "x $2\frac{1}{8}$ "x $1\frac{1}{8}$ ". Supplied with trimmers.

Stock No.	Cap.	Mfd.	Gangs	Your Cost Each
K9716	.00015		1	78°
K9717	.00025		1	85°
K9718	.0001		2	\$1.29
K9719	.00015		2	
K9766	.00014		3	



Midget Trimmers



Compact units on bakelite strip. Range 3-30 mfd. K9775—10 for 50c
Your Cost Each **6°**

Same as above, but two trimmers on single strip. Each 3-30 mfd. K9776—10 for \$1.10
Your Cost Each **12°**

Panel Bearing Assembly



For use with rigid or flexible couplings when mtg. volume controls, condensers, etc., back from panel. For up to $\frac{1}{8}$ " panels.

K9562—6" long. Each 24c
K9563—3" long. Each 18c
K9564—Bearing only. Each 9c

Bakelite Lever Knobs



Highly polished black Bakelite. Ideal for transmitters, test panels, etc. Rugged top. Have brass inserts that take $\frac{1}{8}$ " shafts.

Steel set screws. K9650— $1\frac{1}{2}$ " long, $1\frac{1}{2}$ " high, $1\frac{1}{4}$ " diameter at large end. 10 for 65c. Your Cost Each **7°**
K9651— $2\frac{1}{2}$ " long, $\frac{5}{8}$ " high, $1\frac{1}{4}$ " diameter at large end. 10 for 75c. Your Cost Each **8°**

MODERN BAKELITE KNOBS



Similar to those listed above. Have attractive modernistic designs. Of molded Bakelite, with inserts for $\frac{1}{8}$ " shafts; set screw type. Type F is especially designed for use with midget receivers; others for general, all-purpose use.

Stock No.	Type	Diam. Inches	Your Cost Each	10 For
K9660	F	$1\frac{1}{8}$ "	6°	45°
K9652	G	$1\frac{1}{2}$ "	6°	45°
K9691	H	$1\frac{1}{2}$ "	5°	40°
K9692	J	$1\frac{1}{2}$ "	5°	40°

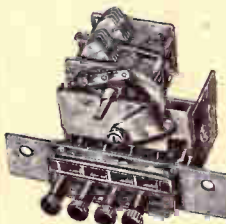
POPULAR BAKELITE KNOBS



These popular, handsome knobs are made of molded Bakelite. Available in plain and pointer types as shown in the illustrations. All have steel set screws and are designed to fit $\frac{1}{8}$ " shafts. All brown Bakelite.

Stock No.	Type	Diam. Inches	Your Cost Each
K9653	K	$1\frac{1}{8}$ "	7c
K9654	L	$1\frac{1}{8}$ "	6°
K9657	M	$1\frac{1}{8}$ "	6°
K9658	M	$1\frac{1}{8}$ "	7°
K9659	N	$1\frac{1}{8}$ "	6°
K9656	M	$1\frac{1}{8}$ "	6°
K9736	O	$1\frac{1}{8}$ "	6°
K9737	O	$1\frac{1}{8}$ "	6°

PUSH-BUTTON TUNING CONDENSER ASSEMBLIES



.000365 mfd. variable condensers provided with modern push-button tuning controls. Battleship construction insures maximum efficiency over long periods. Aluminum plates, ball bearing rotors. Have $\frac{1}{4}$ " diam. shafts, $1\frac{1}{2}$ " long. Push-but-

toms can be set in a moment from front of panel; settings can be changed in a jiffy. Buttons operate cams which control an automatic stop mechanism that brings the condenser plates to the pre-set position. Walnut Bakelite knobs for push-buttons. Furnished complete with Butler bronze escutcheon and alphabetical station call letters.

4-Button, 2-Gang Condenser

$3\frac{3}{8}$ " wide, $4\frac{3}{8}$ " behind panel, $4\frac{3}{8}$ " high. $6\frac{1}{4}$ " mounting plate. Shpg. wt. 4 lbs.
K9575—For 465 kc. superhets
K9576—For t.r.f. sets
Your Cost, Either Type..... **\$3.09**

6-Button, 3-Gang Condenser

$5\frac{1}{2}$ " wide, $5\frac{1}{2}$ " behind panel, $4\frac{3}{8}$ " high. Dial mounts on side of frame. Shpg. wt. 5 lbs.
K9577—For 465 kc. superhets
K9578—For t.r.f. sets
Your Cost, Either Type..... **\$3.98**

Dial Assemblies For Above

Attractive slide-rule type dials designed for use with the above assemblies. Friction drive, ratio 1:1 in 180 degrees. Scale calibrated 55 to 150, 0 to 100, 100-0 and 150 to 55. Knife edge pointer. With Butler bronze escutcheon with unbreakable lens, two pilot light sockets and mounting hardware. $\frac{1}{4}$ " knob shaft extends $1\frac{1}{4}$ ".
K9579—For 4-button condenser assembly. Scale $6\frac{3}{4}$ " wide.
K9580—For 6-button condenser assembly. Scale $6\frac{3}{4}$ " wide.
Your Cost, Either Type..... **\$2.19**



FRICTION DRIVE RUBBERS



Eight different types of friction drive rubbers for popular receivers, including At-water Kent, R.C.A., Stewart-Warner, etc. Indispensable kit for servicemen.

K9400—Kit of 24 rubbers. Each **85°**

SHAFT COUPLINGS, BUSHINGS, FITTINGS AND SHAFTING



For Dials, Volume Controls Variable Condensers

Couplings for connecting two or more condensers, rheostats, switches, etc., in tandem. Extenders for lengthening shafts of same. Matched to exact size as specified. 6-32 machine screws used on all couplings and extenders.

Size Inches	Fig. No.	Purpose	Insul.	Brass
$\frac{1}{8}$ "x $\frac{1}{4}$ "	A	Coupling	K15014	K15000
$\frac{1}{8}$ "x $\frac{3}{8}$ "	A	Coupling	K15006	K15001
$\frac{1}{8}$ "x $\frac{1}{2}$ "	A	Coupling	K15008	K15002
$\frac{1}{8}$ "x $\frac{3}{4}$ "	B	Extender	K15017	K15004
$\frac{1}{8}$ "x $1\frac{1}{4}$ "	B	Extender	K15018	K15005
$\frac{1}{8}$ "x $1\frac{3}{4}$ "	B	Extender	K15009	K15003
10 for			85c	
100 for			\$8.25	
Your Cost Each, Any Type.....			9°	

SPLIT BUSHING

Fig. C. For increasing shaft diam. from $\frac{1}{4}$ " to $\frac{3}{8}$ ". Brass, $\frac{1}{8}$ " long.
10 for 35c
K9730—Your Cost Each **5°**

FIBRE AND BRASS SHAFTING

Full length, and straight, $\frac{1}{4}$ " diameter.
K15010—Brass 6" long. Your Cost 9°
K15011—Fibre 6" long. Your Cost 18°
K15012—Brass 12" long. Your Cost 18°
K15013—Fibre 12" long. Your Cost 18°

FLEXIBLE $\frac{1}{4}$ " SHAFT COUPLER



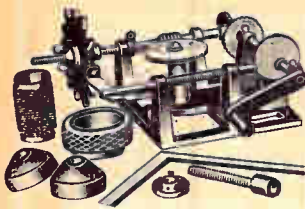
For use in coupling two $\frac{1}{4}$ " inch shafts or for extending a shaft at an offset angle. Insulated.
K9751—Bakelite
Your Cost Each **21°**
K9750—Ceramic. Your Cost Each 29c



SET BUILDERS ACCESSORIES



Deluxe Coil Winder



Will wind honey comb, spider-web, 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.
K14725—
Your Cost.....\$4.35

Bakelite Tubing

In natural smooth black. 1/8" thick wall.
 Cut to your length, any size.

Stock No.	Out. Diam.	Per Foot	Per Inch
K13150	1"	34c	3c
K13151	1 1/2"	45c	4c
K13152	2"	55c	5c
K13153	2 1/2"	60c	6c
K13154	3"	74c	7c

Stock No.	Out. Diam.	Per Foot	Per Inch
K13129	1/8"	25c	2 1/2c
K13130	1/4"	27c	2 1/2c
K13131	3/8"	32c	3c
K13132	1/2"	38c	3 1/2c

Electrician's Tape



Both friction and rubber tape are of the highest quality, kept fresh by tin-foil wrapper, and packed in individual boxes. Rubber tape will moisture proof a splice.

FRICTION TAPE			
Stock No.	In. Roll	Cost Each	10 Rolls
K14829	2 oz.	6c	55c
K14842	4 oz.	9c	85c
K14843	8 oz.	17c	\$1.69

RUBBER TAPE			
Stock No.	Roll	Cost Each	10 Rolls
K15040	4 oz.	12c	\$1.10
K15041	8 oz.	25c	2.30

Rub-R-Shim



Strips of lively sponge rubber coated with adhesive on one side. 10 ft. rolls.

Stock No.	Size W x T	Your Cost
K14861	3/8" x 5/8"	23c
K14862	3/8" x 5/4"	26c
K14863	3/8" x 7/8"	35c

Battery Clips



K16060—1 1/2" long.....	3c
10 for 25c. Each.....	
K16061—2" long.....	3c
10 for 28c. Each.....	
K16062—2 1/2" long.....	5c
10 for 47c. Each.....	
K16063—3 1/2" long.....	6c
10 for 55c. Each.....	

Insulating Pitch

K14864—14-ounce can. Wt. 3 lbs.
Your Cost.....29c
 K14865—1-gallon can. Wt. 12 lbs.
Your Cost.....\$1.39



Jacket Type Tube Shields



Will form-fit all type ST tubes. Bodies consist of two halves held snugly to the tube by a spring ring. Come complete with ground clip to be held by socket mounting bolt against shield.

K13258—For ST-14 bulbs with or without cap such as 24A, 35, 2A5, 01A, 22, 26, 32, 34, etc.
K13262—For ST-12 tubes without grid caps such as 27, 37, 56, 76, 41, 84, 12Z3, 6Z4, 1E7G, 1H4G, 1J6G, 6C5G, 6J5G, 6L5G, etc.
K13264—For ST-12 tubes with grid cap such as 6C6, 6D6, 57, 58, 36, 75, 77, 78, 79, 39/44, 38, 6A7, 6B7, 6D7, 6E7, 6F7, 6F8G, 6J7G, 6A8G, 6U7G, etc.
Your Cost Each, Any Type.....5c
 10 for.....45c 100 for.....\$4.25



Lacquered Metal Shield

Cans
 Carefully drawn from pure metal and finished in lasting black crackle. With spade bolts except when marked with a *.



SQUARE CANS			
Stock No.	Dimensions H. W. D.	Your Cost	
K12653	1 1/4" x 1 1/4" x 1 1/4"	13c	
K12654	2 1/8" x 1 1/4" x 1 1/4"	16c	
K12655	3 1/8" x 1 1/4" x 1 1/4"	18c	
K12656	2 1/8" x 1 1/4" x 1 1/4"	16c	
K12657	3" x 1 1/4" x 1 1/4"	22c	
K12658	4 3/4" x 2" x 2"	30c	

ROUND CANS			
Stock	H.	D.	Each
K12659*	1"	1 1/2"	9c
K12660	1 1/4"	1 1/2"	11c
K12661	2 1/4"	1 1/2"	16c

Aluminum Coil Shields

Detachable base, permits quick removal of top.
K12639—2 1/4"x3" high.
K12640—2 1/4"x3 3/8" high.
Your Cost
 Either Type.....**10c**



Color Coding Enamel

For color coding coils, terminals, etc. Green, blue, red, yellow and a bottle of thinner. Two brushes are included. Have your own system of color coding. Adds greatly to appearance of your job.
K15258—
Your Cost.....28c



Phenolic Radio Cement

For speaker cones, Bakelite, metal, wood, hard-rubber, etc.
K15310—
 2-ounce can. **21c**
Your Cost.....
K15311—8-ounce can.....76c
K15312—1-pint can.....\$1.47



"ST" Type Tube Shields

For 56, 57, 58, etc., type tubes. Three pieces—base, shell, cap. Shell diameter 1 1/8". Overall height 4 3/8". Natural bright aluminum.
K13265—
 10 for.....**75c**
Your Cost
 Each.....**9c**



Shields for Use With Metal Tubes



For use with screen grid metal tubes. Aluminum-sprayed black.
K13217—Ea. 5c
 Per Dozen.....40c

Aluminum Coil Shield

Bright finish aluminum. One piece. Holes near bottom for bolts.
K12649—2 1/4"x2 3/4" high
K12650—2 1/4"x4" high
Your Cost,
 Either.....**8c**
 For 10.....70c



Liquid Victron

The famous Victron H.F. insulation in liquid form for coating r.f. coils. Dries quickly.
K15260—2-ounce can. 21c
Your Cost.....
K15308—8-ounce can.....76c
K15275—1-pint can.....\$1.47



Crystalline Lacquer

A crinkle finishing lacquer for finishing any metal parts with a crinkle finish. Just paint the parts, let it air dry and you have a perfect finish. Black.
K15259—2-ounce can. 18c
Your Cost.....
K15309—8-ounce can.....59c
K15274—1-pint can.....\$1.05
Colored Lacquer
K15319—Gray. 2-oz. can.....25c
K15320—Brown. 2-oz. can.....25c

Q-Max Impregnants and Finishes

"Q Max" RF Lacquer. For coils or any surface requiring a "low loss" protective coating.
K15298—1/8 pt. can. 25c
Your Cost.....
K15299—1 pint can.....\$1.50
Telephone Black. A semi-gloss lacquer similar to that used on telephones. Self leveling.
K15300—1/2 pint. 25c
Your Cost.....
K15301—1 pint. \$1.25
Your Cost.....
K15315—1/2 pint. 25c
Your Cost.....
K15316—1 pint. \$1.25
Your Cost.....



Crystalite Black. Develops a fine crystal-like pattern without heating.
K15302—1/2 pint. 25c
Your Cost.....
K15303—1 pint. \$1.25
Your Cost.....
Wrinkled Black. Provides a fine wrinkled pattern with one to two hours of oven heating.
K15304—1/2 pint. 25c
Your Cost.....
K15305—1 pint. \$1.25
Your Cost.....
Crystalite Wood Sealer. Develops a crystalline finish on wood, Masonite, etc. Black finish.
K15317—1/2 pint. 25c
Your Cost.....
K15318—1 pint. \$1.25
Your Cost.....

MUELLER Battery Clips and Insulators

Spring actuated battery and test clips.



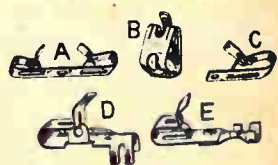
Insulators, as shown above, cover entire clip.
PEE WEE CLIP—1 1/2" cadmium plated.
K16029—10 for 29c. 4c
Your Cost Each.....
R. F. PEE WEE—1 1/2" solid copper.
K16030—10 for 54c. 8c
Your Cost Each.....
INSULATOR—for either of the above clips.
K16031—10 for 56c. 8c
Your Cost Each.....
SMALL CLIP—2" cadmium plated.
K16032—10 for 32c. 5c
Your Cost Each.....
INSULATOR—for 2" clip.
K16033—10 for 63c. 10c
Your Cost Each.....
MEDIUM CLIP—3" lead coated.
K16034—10 for 59c. 8c
Your Cost Each.....
INSULATOR—for 3" clip.
K16035—
Your Cost Each.....14c
LARGE CLIP—4" lead plated.
K16036—10 for \$1.08. 16c
Your Cost Each.....
INSULATOR—for 4" clip.
K16037—
Your Cost Each.....23c

MUELLER Wee-Pee-Wee Clips



Smallest clip made. Length 1 1/4". Jaw spread 1/4". Spring temper phosphor bronze.
K16038—10 for 59c. 9c
Your Cost Each.....
INSULATOR—Red or black.
K16039—10 for 29c. 5c
Your Cost Each.....

FAHNESTOCK Spring Battery Clips



Type A, Screw Mount Double Clip
 Type B, Heavy Duty Battery Clip
 Type C, Screw Mount Single Clip
 Type D, Solderless Mount Clip
 Type E, Solderless Mount Clip

Stock No.	Type	Lgth. Ins.	Per Doz.	For
K14823	C	3/4"	10c	30c
K14824	C	1"	11c	32c
K14825	A	1 1/2"	25c	76c
K14826	A	1 3/4"	26c	85c
K14800	B	1"	ea.	4c
K14801	D	1 1/2"	ea.	4c
K14802	E	1 3/4"	ea.	5c

Mounting Lug

Of cadmium-plated steel. Hole in flat end for 6-32 screw; threaded end 6-32. For securing shield can to chassis, bases, etc.
K14955—
 Per 10.....**5c**
Your Cost Per 100.....28c

Aluminum Corner Post

Six inches long, grooved for 1/4" aluminum. Tapped at each end to fit 1/2" machine screws. Shpg. wt. 1 lb.
K14954—Your Cost Each 18c

Tapered Lugs

Fits over all screws up to No. 10; shank fits banana plugs. 1 1/4" long, 1/2" wide. Cut for easy soldering. K12954—Per Dozen..... **12¢**



Wing Nuts

Brass, nickel-plated. Have numerous uses.

Stock No.	Thread	Each
K12926	6-32	4¢
K12927	8-32	
K12928	10-32	
K12929	1/4"-20	
Per 100 (assorted).....			$2.95

Switch Points and Stops

Brass, nickel-plated. K14784—Points. K14785—Stops. Either Type. Per Dozen..... **8¢**



Set Screws

These headless set screws are case hardened and finished in plain steel. Std.

packing 100 per box.	Stock No.	Thread	Each
K14786—	K14787—	1/4"x8-32	11¢
1/4"x6-32	1/4"x8-32		
K14788—	K14789—	1/4"x8-32	39¢
1/4"x6-32	1/4"x8-32		
10 For.....	50 For.....		

Heavy Duty Copper Lugs

For battery terminals, for lines carrying high current, etc., 1" long. No. 8 slot. K14912—Your Cost per 10..... **8¢**
100 for..... **69¢**

Bumper Feet

These felt feet have a standard 6-32 screw inserted in the metal part that holds the felt in

place. 1/2" w/.	Stock No.	Thread	Your Cost Each.....
K14757—			2¢
Per 10.....			18¢
For 50.....			75¢
For 100.....			\$1.25

1/4" Brass Spacers

For raising components above chassis or away from panel. All pass, Nos. 4, 6 and 8 screws.

Stock No.	Height	For	Lots of
	Inches <td>Ten <td>100</td> </td>	Ten <td>100</td>	100
K9868	1/4"	12c	\$0.98
K9869	3/8"	15c	1.20
K9870	1/2"	17c	1.30
K9871	3/4"	20c	1.50

Locking Washers

K14758—To pass No. 6 screw. K14759—To pass No. 8 screw. Either Type Envelopes of 25..... **6¢**
100 for..... **20¢**

Insulating Washers

Of fibre. Used for metal panel and chassis mounting of parts.



Stock No.	O.D.	I.D.	Per 10
K15020	1"	3/4"	10¢
K15021	1 1/4"	1"	90c
K15022	1 1/2"	1 1/4"	
K15023	1 3/4"	1 1/2"	1.86
K15025	2"	1 3/4"	
K15026	2 1/4"	2"	

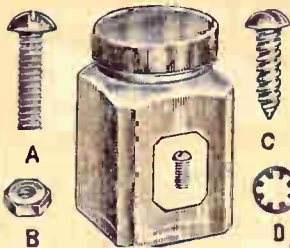
Stock No.	O.D.	I.D.	Per 10
K15030	3/4"	3/8"	8¢
K15031	7/8"	7/8"	
K15032	1"	1"	60c
K15036	1 1/4"	1 1/4"	
K15037	1 1/2"	1 1/2"	

Ornamental Top Bronze Finished Machine Screws

No.	Size	Lgh.	Doz.	100 Lots
K14680	6-32	1/2"	8c	45c
K14681	6-32	3/4"	9c	59c
K14682	6-32	1 1/4"	10c	69c

RADIO HARDWARE

RADIO HARDWARE IN JARS



The most convenient, neatest way to keep your small hardware—in glass jars with screw-on caps. Your Cost, **24¢** Any Jar

P-K Self-Tapping Screws (C)

No.	Quantity	Size
K14665	50	No. 4 x 1/2"
K14666	50	No. 6 x 1/2"
K14667	45	No. 6 x 3/4"
K14668	40	No. 7 x 3/4"
K14669	35	No. 10 x 3/4"
K14670	45	No. 10 x 1"

Nickel Plated Hex Nuts (B)

No.	Quantity	Size
K14661	110	4-36 x 1/2"
K14662	110	6-32 x 1/2"
K14663	90	6-32 x 3/4"
K14664	90	8-32 x 3/4"

Washers (D)

No.	Quantity	Type
K14671	150	#6 Plain Brass
K14672	150	#8 Plain Brass
K14673	100	#6 Shakeproof
K14674	100	#8 Shakeproof

"1000 PLUS" HARDWARE KIT



Contains over 1000 pieces of most frequently used hardware: 125 assorted 6-32, 100 8-32 and 25 10-32 machine screws; 100 6-32, 100 8-32 and 25 10-32 nuts; 100 assorted wood screws; 150 rivets, eyelets; 100 washers, grommets, etc.; 100 metal washers, lockwashers, lugs, etc. Shpg. wt. 4 lbs.

K14820—Your Cost per Box..... **95¢**

Right Angle Brackets

All are brass, nickel-plated; width is 3/4". Very sturdy. Your Cost Ea. For 10

Stock No.	Size	1c	9c
K14895	1/2" x 1/2"	2c	15c
K14896	1/2" x 3/4"	2 1/2c	19c
K14897	1/2" x 1"	3c	25c
K14898	1 1/2" x 1 1/2"	3 1/2c	32c
K14899	1 1/2" x 1 1/2"	3 1/2c	32c

Rubber Grommets

Insulate holes in metal panels, chassis, electrical appliances, etc.

Stock No.	Fits Inside Hole Diam.	Per Doz.	Per 100
K14765	1/4"	8c	52c
K14766	3/8"	14c	55c
K14768	1/2"	19c	63c
K14769	3/4"	20c	69c

Colored Grommets

Hard insulating composition; with knurled nut; in red or black. For instruments, etc.

Red	Black	Hole Diam.	Per Doz.	Per 100
K14688	K14689	1/8"	3 1/2c	4 1/2c
K14688	K14689	3/16"	4 1/2c	5 1/2c
K14690	K14691	1/4"	5 1/2c	6 1/2c
K14692	K14693	5/16"	6 1/2c	7 1/2c
K14694	K14695	3/8"	7 1/2c	8 1/2c

Tinned Brass Lugs

Your Cost per 100, Any Type Lug..... **18¢**

Rubber Grommet Kits

Available in two assortments—kit "A" contains 12 assorted grommets in 4 sizes. Kit "B" contains 30 assorted grommets in 4 standard sizes—1/4" to 3/4".

Kit	Your Cost
K14794—Assort. "A"	10¢
K14795—Assort. "B"	23¢

Assorted Brackets

Box of 28 of the most popular angles and brackets used in radio. Brass, nickel-plated.

K14838—Your Cost..... **24¢**

Assorted Fibre Washers

Contains 100 plain and shoulder type to fit Nos. 6, 8 and 10 screws, as well as 1/4", 3/8" and 1/2" holes.

K14832—Shpg. wt. 8 oz. Your Cost per Box..... **24¢**

Self-Tapping Screw Assortment

Forty of the most commonly used sizes in modern receivers. Uses no nuts, merely start hole and drive through. Used in many standard receivers.

K14687—Box of 40. Your Cost..... **22¢**



Nickel-Plated Brass Machine Screws

Stock No.	Length	Doz.	Gross
K14750	1/4"	3c	28c
K14751	3/8"	4c	35c
K14752	1/2"	5c	45c
K14753	3/4"	5c	55c
K14754	1"	6c	65c

Stock No.	Length	Doz.	Gross
K14755	1/4"	5c	50c
K14756	3/8"	6c	55c

Stock No.	Length	Doz.	Gross
K14760	3/8"	3c	30c
K14761	1/2"	4c	38c
K14762	3/4"	5c	50¢
K14763	1"	5c	
K14764	1 1/4"	6c	60c

Stock No.	Length	Doz.	Gross
K14770	3/8"	3c	30c
K14771	1/2"	4c	42c
K14772	3/4"	5c	50¢
K14773	1"	5c	
K14774	1 1/4"	6c	60c

Cadmium-Plated Steel Machine Screws & Nuts

Stock No.	Length	Per 100	Per 1000
K14922	1/4"	11c	\$0.98
K14923	3/8"	12c	1.10
K14924	1/2"	13c	1.17
K14925	3/4"	14c	1.26
K14926	1"	16c	1.50
K14927	1 1/4"	20c	1.80

8-32 Round Head Steel Screws

Stock No.	Length	Doz.	Gross
K14928	1/4"	14c	1.26
K14929	3/8"	16c	1.50
K14930	1/2"	17c	1.60
K14931	3/4"	20c	1.80
K14932	1"	22c	2.05
K14933	1 1/4"	27c	2.43

Cadmium-Plated Steel Hex Nuts

Stock No.	Size	15c	1.40
K14939	6-32x1/4"	15c	1.40
K14940	8-32x3/8"	17c	1.55

Nickel-Plated Brass Round Head Wood Screws

Stock No.	Size	Length	Doz.	Gr.
K14780	4	3/4"	4c	40c
K14781	5	1"	5c	50c
K14782	5	1 1/4"	6c	60c
K14783	5	1 3/4"	8c	80c

Hex Nuts, Knurled Nuts, & Washers, Nickel-Plated Brass

Stock No.	Size	Per 100	Per 1000
K14804	6-32x1/4"	5c	50c
K14805	8-32x3/8"	5c	50c
K14806	6-32x3/8"	5c	50c
K14807	8-32x1/2"	5c	50c
K14808	6-32x3/8"	5c	50c
K14809	No. 6 washers	5c	50c
K14810	No. 8 washers	5c	50c

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 quickly and easily. Four sizes in kit. Shpg. wt. 2 lbs. K15279—Your Cost..... **98¢**

Escutcheon Screws

Round head, bronze finish, 3/8" long. Fits any type escutcheon. K14934—No. 2 size. Per Gross..... **29¢**

Fixture Wire and Accessories

Cotton Twisted Pair



18 Gauge, 1/4" R.C. wire with a cotton covering offered at prices below the actual market. 2 colors—white or yellow and green mixture. Specify color.

K20902—Your Cost
100 Ft. 250 Ft. 1000 Ft.
95¢ \$2.25 \$8.40

Heavy Twisted Pair

Standard 1/4" rubber wall, 14 gauge. Finest wire obtainable for jobs that call for a wire of large current carrying capacity. Shpg. wt. 5 lbs. per 100 ft.

K20890—Your Cost, Per Foot
Per 100 Feet **2 1/2¢** \$2.15

Parallel Lamp Cord All Rubber



The two conductors are sheathed in a coating of tough live rubber. A ridge between these conductors allows them to be easily separated without fear of ruining the insulation. In Black, Green, Ivory and Brown. Specify color desired. Shpg. wt., per 100 ft., 3 lbs.

K20920—18 Gauge—Your Cost Per Ft.
100 Ft. 500 Ft.
1 1/2¢ \$1.24 \$5.25

Heavy Rubber Cord



The thick belt of flexible rubber that covers the conductor is made of smooth oil-resisting, abrasion proof, high quality rubber. Especially suitable for outdoor work, in garages, for portable devices.

Stock No.	Size	Per Ft.	Per 100 Ft.
K20945	18—2-wire	3 1/2¢	\$2.95
K20946	16—2-wire	4¢	3.75
K20947	14—2-wire	7¢	6.40
K20948	18—3-wire	4¢	3.75

Parallel Silk Lamp Cord



Popular type for connecting radio receivers, lamps, etc. Overall covering of silk braid.

18 Gauge—1/4" Wall
K20836—Maroon K20838—Brown
K20837—Old Gold
Your Cost, Per Foot **1¢**
100 ft. 500 ft. \$3.90

20 Gauge—1/4" Wall
K20839—Maroon K20841—Brown
K20840—Old Gold
Your Cost, 25 Feet **22¢**
100 ft. 500 ft. \$3.20

Parallel Silk Cord



Consists of two conductors laid parallel and covered with braided silk. Has inner braid. **Approved by Underwriters.** The neatest cord for portable lamps, extension lights, etc. Available in popular colors. Shpg. wt. 3 lbs. per 100 ft.

18 Gauge—1/4" R.C.
K20897—Black K20899—Brown
K20898—Old Gold
K20900—Maroon
Your Cost, Per Foot **1 1/2¢**
100 ft. \$1.25 500 ft. \$5.95

18 Gauge—1/2" R.C.
K20891—Black K20893—Brown
K20892—Old Gold
K20894—Maroon
Your Cost, Per Foot **2¢**
100 ft. \$1.60 500 ft. \$6.95

Power Cord and Plug



Attractive, hi-quality 6-foot cord with sturdy plug. For replacement on sets, appliances, etc.

K13285—Your Cost **14¢**

NOTE: We carry a tremendous stock of wire at all times, and are prepared to make large quantity shipments at special prices.

BATTERY CABLE



A high grade, heavily insulated cable with each lead a different color for easy identification.

Stock No.	No. Wires	Per Ft.	Per 100 Ft.
K16089	3	2c	\$1.95
K16090	4	2 1/2c	2.45
K16091	5	3 1/2c	3.10
K16092	6	4c	3.50
K16093	7	5c	3.95
K16094	8	5 1/2c	4.95
K16095	9	6c	5.50
K16096	10	7c	6.50

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. **No. 19 Gauge.**

2-Conductor
K20895—100 Ft. 500 Ft. 1000 Ft.
Your Cost \$1.70 \$8.10 \$15.40

3-Conductor
K20896—100 Ft. 500 Ft. 1000 Ft.
Your Cost \$2.15 \$10.15 \$19.40

WINDCHARGER WIRE



Specially designed for windchargers and farm power plants. Triple cotton-covered copper conductor, thoroughly impregnated.

Stock No.	Gauge	Per Ft.	Per 100 Ft.
K20871	12	3c	\$2.65
K20872	10	3 1/2c	3.10
K20873	8	5c	4.50
K20874	6	5 1/2c	5.25

Single Fixture Wire

Silk covered single conductor fixture wire available in White, Maroon and Old Gold. Specify color desired.

18 Gauge—1/4" Wall
K20916—Your Cost:
100 Ft. 500 Ft. 1000 Ft.
66c \$3.15 \$5.95

18 Gauge—1/2" Wall
K20915—Your Cost:
100 Ft. 500 Ft. 1000 Ft.
59c \$2.55 \$4.30

20 Gauge—1/4" Wall
K20914—Your Cost:
100 Ft. 500 Ft. 1000 Ft.
50c \$2.15 \$4.20

Asbestos Heater Cord



Heavy asbestos covered wire with an overall braid of tightly woven rayon. Used on toasters, electric irons, heating pads, etc. Shpg. wt. 3 lbs. per 100 ft.

K20931—Your Cost:
Per Ft. 100 Ft. 500 Ft.
1 1/2¢ \$1.25 \$5.95

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.
K20855—1-Cond.	2c	\$1.60
K20856—2-Cond.	3c	2.60
K20857—3-Cond.	4c	3.60

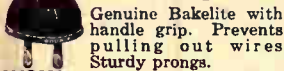
RESISTANCE WIRE



Three standard sizes furnished on one spool, to take care of all repair work. 10 ft. coiled, 100 ft. uncoiled and 50 ft. of ribbon. Shpg. wt. 3 lbs.

K13226—Your Cost **\$2.20**

Bakelite Handle Plug



Genuine Bakelite with handle grip. Prevents pulling out wires. Sturdy prongs.

K13281—Your Cost Each **3¢**
Carton of 25. 70c

Without Handle

Same as the above, but without the handle grip.
K13306—Each **2¢**
Per Dozen. 20c Per 100. . . \$1.40

Trio Plug

Bakelite. Three outlets from 1 plug.
K13282—Your Cost Each **6¢**
Per Dozen. 65c

Fused Trio Plug

Same as above, but fused. Prevents main fuse from blowing; protects appliances.
K13249—Your Cost Each **23¢**

Fused Cord Plug

Same as the above fused trio plug, but attaches directly to the cord.
K13229—Your Cost Each **18¢**

Soft Rubber Handle Plug

Handle plug made of soft rubber. Cannot crack or break. Best type to use for portable tools, vacuum cleaners, etc.

K13303—Your Cost Each **4¢**
Carton of 10. 35c

Bakelite Outlet

Made of brown Bakelite. Screws into the base-board. Easy to use and install.
K13312—Your Cost Each **8¢**

Current Tap

Straight socket combined with two cap outlets.
K13278—Your Cost Each **9¢**
Carton of 10. 78c

Feed-Thru Switch

Bakelite. Compact and very sturdy.
K13275—Each **14¢**
Carton of 10. . . \$1.20

Push Button

Pearl button. General purpose.
K12830—Each **10¢**
Per Dozen. \$1.10

Bell Ringing Transformer

Primary 110 volts a-c. Secondary 6-8 volts. Wire leads on primary, posts on secondary.

K13245—Each **45¢**

Fitzall Flatiron Element

Fits over 90% of the standard irons, including G.E. Hot Point, Sunbeam, etc.

K13270—Your Cost Each **22¢**
Carton of 10. . . . \$2.10

Heater Elements

Best grade Resistance wire with standard base to fit all heaters.

K13304—Cone Shape **22¢**
Your Cost Each
Carton of 10. . . . \$2.10
K13305—Straight Type **27¢**
Your Cost Each
Carton of 10. . . . \$2.50

Nickel Chrome Element

600 watt spiral wound elements. Exact size, no cutting necessary.
K13317—1/2" dia. **7¢**
Your Cost Each
K13318—3/4" dia. **12¢**
Your Cost Each

Outlet Box Receptacles



Fit the standard outlet boxes. Approved by the underwriters. Shpg. wt. 1 lb.
K13328—Single **7¢**
Your Cost Each
K13329—Double **8¢**
Your Cost Each

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. All ratings marked directly on top of fuse.
K13200—6 amp. **Your Cost Each**
K13201—10 amp. **4¢**
K13202—15 amp. **4¢**
K13203—20 amp. **4¢**
K13204—30 amp. **4¢**
Carton of 5. 15c

CARTRIDGE FUSES

STANDARD APPROVED TYPES
K13205—20 amp. **Your Cost Each**
K13206—30 amp. **5¢**
Your Cost Each
Carton of 10. 45c

We Will Not Knowingly Be Undersold

Hook-up and Magnet Wire

Push Back WIRE

Solid Tinned Copper Core Type

No stripping is necessary. Just push back the double cotton-covered moisture-proofed braid. No. 20 wire. Four colors for circuit identification. Weight 2 lbs. per 100 feet.



25-Foot Coils
 K16350—Red K16352—Black
 K16351—Green K16353—Yellow
 Your Cost (10 for 93c),
 Per Coil. **10c**

50-Foot Coils
 K16358—Red K16360—Black
 K16359—Green K16361—Yellow
 Your Cost (10 for \$1.75)
 Per Coil. **19c**

100-Foot Coils
 K16366—Red K16368—Black
 K16367—Green K16369—Yellow
 Your Cost (10 for \$3.35)
 Per Coil. **35c**

1000-Foot Spool
 K16374—Red K16376—Black
 K16375—Green K16377—Yellow
 Your Cost, Per Spool. **\$3.35**

Stranded Tinned Copper Core Type

Very flexible wire of multi-strand tinned copper; equivalent to No. 20. Cotton braid pushes back easily. Available in 4 colors. Weight, 2 lbs. per 100 feet.

25-Foot Coils
 K16354—Red K16356—Black
 K16355—Green K16357—Yellow
 Your Cost (10 for 99c)
 Per Coil. **11c**

50-Foot Coils
 K16362—Red K16364—Black
 K16363—Green K16365—Yellow
 Your Cost (10 for \$1.95)
 Per Coil. **21c**

100-Foot Coils
 K16370—Red K16372—Black
 K16371—Green K16373—Yellow
 Your Cost (10 for \$3.30)
 Per Coil. **40c**

1000-Foot Spool
 K16378—Red K16380—Black
 K16379—Green K16381—Yellow
 Your Cost, Per Spool. **\$3.60**

No. 14 Tinned Solid Copper Push-Back Wire

Designed for heavy-duty work in power amplifiers, transmitters, etc. Cotton wrapper with heavy lacquer insulating material and final layer of impregnated cotton braid. High breakdown voltage.

25-Foot Coils
 K16341—Black K16339—Red
 Your Cost, Per Coil. **29c**

100-Foot Coils
 K16348—Black K16346—Red
 Your Cost, Per Coil. **\$1.02**

Colored Rubber Wire



Stranded and tinned copper wire covered with a live colored rubber compound. Very flexible; easy to strip. Solders instantly. Available in three standard colors.

25 Foot Coils
 K16272—Red
 K16273—Black
 K16274—Green
 Your Cost Each **13c** 10 For **\$1.04**

1000 Foot Spools
 K16108—Red
 K16109—Black
 K16110—Green
 Your Cost Each **\$3.55**

Service Wire Kit



Contains about 200 feet total of lengths from 4" to 24"—push-back, r-c hookup, shielded, twisted, lamp cord, heavy a.c. leads, spaghetti, etc. Shpg. wt. 5 lbs.
 K16299—In box
 Your Cost. **25c**

Silk-Covered Litz Wire



Has lower skin resistance than any other wire. Ideal for i.f., r.f. coils, loop aeriels, etc.
 K16152—100-ft. coil **12c**
 Your Cost
 K16153—1000-ft. coil **90c**
 Your Cost

Lacquered Hookup Wire

Rubber insulated with lacquered braid overall. Strands tinned. Easily soldered and worked.
 K16344—100-ft. coil **28c**
 Your Cost
 K16345—250-ft. coil **67c**
 Your Cost

Heavy Duty Stranded



NO. 16 RUBBER COVERED
 K16280—black K16281—red
 50 Ft. 100 Ft. 500 Ft.
 Your Cost 34c 66c **\$3.15**

Stranded No. 14 Gauge
 K16121—black K16120—red
 25 Ft. 50 Ft. 100 Ft.
 Your Cost. 31c 60c **\$1.15**

Stranded No. 12 Gauge
 K16122—black K16123—red
 25 Ft. 50 Ft. 100 Ft.
 Your Cost. 48c 90c **\$1.75**

Spaghetti and Bus Bar



Highest grade cambrie tubing.
 Red, yellow, green and black.
 K15966—Specify Color **6c**
 Your Cost 10 Lengths. **55c**

ROUND TINNED COPPER BUS

SIZE No. 14—2-FOOT LENGTHS
 10 Lgths. 100 Lgths.
 K15965
 Your Cost. **15c \$1.30**

SIZE No. 12—2-FOOT LENGTHS
 10 Lgths. 100 Lgths.
 K15966
 Your Cost. **24c \$1.25**

GIANT SLEEVING

$\frac{3}{4}$ " inside diameter, 36" long. Black, saturated cloth impregnated with high-grade oil varnish.
 K15956—10 For **\$1.25**
 Per Length. **15c**

BELL WIRE

An excellent grade of No. 18.
 K16338— $\frac{1}{2}$ lb. roll
 Your Cost. **16c**
 K16051—25 ft. roll
 Your Cost. **6c**

BELDEN RADIO WIRE



Push-Back Double Braid

No. 20 double braid, waxed. Tinned conductor. In green, yellow, blue, red and black. Specify color when ordering.

K16268—25-ft. spool* **12c**
 K16269—25-ft. spool* **12c**
 K16270—1000-ft. spool* **\$3.94**
 K16271—1000-ft. spool* **4.29**
 * Solid back. † Stranded.

Hook-Up Wire

No. 18 Stranded Tinned Copper, insulated with $\frac{1}{2}$ " Belden color-rubber.
 25-ft. spools available in green, blue, red, brown, yellow.



Specify color.
 K16290—25-ft. coil. **17c**
 Your Cost

1000-Foot Spools
 1000-ft. spools available in brown or red. Specify color. **\$3.65**
 K16291—Your Cost.

Push-Back Solid Wire

No. 20 solid tinned copper wire with push back double wrap of colored rayon braid, heavily lacquered. No stripping necessary. In green, blue, red, yellow or black. Specify color when ordering.

K16066—25-ft. spool **18c**
 Your Cost
 K16067—1000-ft. spool **\$4.50**
 Your Cost

Stranded Push-Back Wire

No. 20 stranded copper wire with wrap similar to above. In green, blue, red, yellow or black. Specify color when ordering.

K16068—25-ft. spool **20c**
 Your Cost
 K16069—1000-ft. spool **\$5.00**
 Your Cost

Rubber Push-Back

Tinned conductor, No. 20, cotton wrap, .010" rubber, "Basket-Weave" abrasion-proof rayon braid lacquered. Colors: green, blue, red, yellow or black. Specify color.
 K16258—25-ft. spool* **19c**
 K16261—25-ft. spool* **20c**
 K16259—100-ft. spool* **53c**
 K16262—100-ft. spool* **56c**
 K16260—1000-ft. spool* **\$4.50**
 K16263—1000-ft. spool* **5.00**
 * Solid. † Stranded.

Filament Lead Wire

No. 14 wire (41 strands of No. 30). Stranded tinned copper. Double serve of Celanese, colored braid paraffined. In red or black, specify color. 3 lbs. per 100 ft.
 K16158—25-ft. spool. Each **34c**
 K16159—500-ft. spool. **\$5.22**

Magnet Wire



Finest grade obtainable. Ideal for r.f. coils, chokes, armatures, etc. On wood spools. Write for special prices on larger quantities or sizes not listed below. All continuous lengths.

Double Silk Covered

Stock No.	Size B&S	Ft.	Per Lb.	Your Cost
K20962	18	199	\$0.26	\$0.47
K20963	20	314	.29	.51
K20964	22	494	.30	.59
K20965	24	778	.31	.60
K20966	26	1220	.37	.72
K20967	28	1910	.45	.88
K20968	30	2980	.50	.98
K20969	32	4570	.65	1.28
K20970	34	6980	.89	1.76
K20971	36	10500	1.17	2.32

DOUBLE COTTON

Extremely popular with amateurs and experimenters. Highest quality.

Stock No.	Size B&S	Ft.	Per Lb.	Your Cost
K20973	18	122	\$0.18	\$0.27
K20974	18	192	.21	.30
K20975	20	298	.22	.33
K20976	22	484	.25	.36
K20977	24	711	.27	.43
K20978	26	1080	.31	.52
K20979	28	1630	.36	.61
K20980	30	2420	.41	.79
K20981	32	3500	.52	.90
K20982	34	4920	.65	1.14
K20983	36	6660	.83	1.40

PLAIN ENAMELED

Stock No.	Size B&S	Ft.	Per Lb.	Your Cost
K20950	18	125	16c	23c
K20951	18	202	17c	24c
K20952	20	319	18c	25c
K20953	22	506	19c	26c
K20954	24	804	20c	27c
K20955	26	1280	21c	31c
K20956	28	2030	22c	34c
K20957	30	3220	23c	38c
K20958	32	5100	26c	41c
K20959	34	8080	30c	45c
K20960	36	12800	38c	56c
K20961	38	20300	48c	73c



HANDY SIZE SPOOL ASSORTMENT

For those desiring less than $\frac{1}{4}$ lb. of magnet wire, these handy low-priced spools have been made available. All are wound on spools and marked. Number of feet on spool is listed for each type and size.



Gauge	DOUBLE COTTON		DOUBLE SILK		ENAMELED		Your Cost Each, Any Spool
	Stock No.	Ft. In Spool	Stock No.	Ft. In Spool	Stock No.	Ft. In Spool	
14	K16500	21	K16514	19	K16528	25	15c
16	K16501	33	K16515	25	K16529	40	
18	K16502	42	K16516	31	K16530	48	
20	K16503	60	K16517	42	K16531	85	
22	K16504	81	K16518	60	K16532	183	
24	K16505	110	K16519	83	K16533	200	
26	K16506	148	K16520	101	K16534	292	
28	K16507	188	K16521	119	K16535	420	
30	K16508	192	K16522	141	K16536	590	
32	K16509	216	K16523	163	K16537	805	
34	K16510	242	K16524	190	K16538	1150	
36	K16511	268	K16525	219	K16539	1560	
38	K16512	294	K16526	243	K16540	1980	
40	K16513	325	K16527	275	K16541	2430	

BELDEN RADIO PRODUCTS



Beldenamel Aerial Wire

Finest grade copper, heavily enameled. The 1000 ft. length is wound on a steel spool. Shpg. wt. per 100 ft., 4 lbs.

K16232—7x20 Beldenamel. Suited for short-wave aerial systems.	
100 ft. Your Cost	\$0.77
1000 ft. Your Cost	7.72
K16229—7x22 Beldenamel.	
75 ft. Your Cost	\$0.37
100 ft. Your Cost	.49
150 ft. Your Cost	.73
1000 ft. Your Cost	4.70
Solid Beldenamel	
K16233—No. 10	
100 ft. Your Cost	\$0.99
1000 ft. Your Cost	9.65
K16230—No. 12	
100 ft. Your Cost	\$0.55
1000 ft. Your Cost	5.15
K16231—No. 14	
100 ft. Your Cost	.39

Tinned Aerial Wire

K16228—7x22. Shpg. wt. per 100 ft., 4 lbs.	
100 ft. coil. Your Cost	\$0.42
1000 ft. spool.	4.12

BELDEN Lead-in Wire



Easy strip—easy soldering. All made of 7 strands tinned copper with heavy rubber sheath. Shpg. wt. per 100 feet, 3 lbs.

K16225—No. 14. O.D. .174".	
60 ft. length. Your Cost	39¢
250 ft. length. Your Cost	\$1.79
K16226—No. 16. O.D. .140".	
60 ft. length. Your Cost	27¢
250 ft. length. Your Cost	\$1.15
500 ft. length. Your Cost	\$2.15
K16227—No. 18. O.D. .129".	
100 ft. length. Your Cost	37¢
600 ft. length. Your Cost	\$1.72

Tinned Copper Shielding



The finest copper shielding available. Fine mesh closely woven; assures perfect shielding. Shpg. wt. per 100 ft., 4 lbs.

K16214—Inside diam. 1/4".	Your Cost per Foot	2¢
Per 50 ft.		\$0.86
K16215—Inside diam. 3/8".	Your Cost per Foot	3 1/2¢
Per 50 ft.		\$1.43
K16216—Inside diam. 1/2".	Your Cost per Foot	9¢
Per 50 ft.		\$3.72

Rubber Lead-in Strips



Tough Colorbure insulation over thin, flat, pure copper strip. 12" long.

K17099—Your Cost	5¢
25 For.	\$1.05

BELDEN Shielded Hook-up Wire

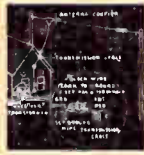
No. 18 hook-up wire with closely woven tinned copper shielding. For use with screen grid tubes. Shpg. wt. 3 lbs. 100 ft.

K16294—Your Cost	\$1.06
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We can supply all types of Belden wire and products in large quantities at special prices. Please write for information, giving complete details.

BELDEN Clear-Channel Antenna Systems

A unique principle in antenna design is incorporated in Belden Clear-Channel All-Wave Antenna Systems involving the use of the newly developed iron core transformer couplers. Low loss transmission lines and maximum coupling features produce clear channel reception in all frequencies from 400 to 22,000 kilocycles with no dead spots.



KIT 8300—Twisted Pair Shielded Transmission Line Type—"L" antenna plus additional half doublet antenna for maximum short wave response. Shielding on transmission line also provides ground for "L" antenna and eliminates need for lightning arrester. Completely assembled, ready for installation. Full instructions. Shpg. wt. 10 lbs.

K16284—Your Cost	\$4.15
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Clear-Channel Kit 8301

Three-Wire Transmission Line Type with iron core transformers for broadcast band and air core for short-wave band. One wire of 3-wire transmission line functions as ground and eliminates need for lightning arrester. Completely assembled and ready for installation. Full instructions furnished. Shpg. wt. 10 lbs.

K16285—Your Cost	\$3.15
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Double Iron-Core Receiver Coupler

As used in the Belden Clear-Channel systems above. Up to four receivers will operate from one of these systems without noticeable decrease in signal strength. One of these couplers should be used at each set. Shpg. wt. 2 lbs.

K16286—Your Cost Each	\$1.00
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TRANSMISSION LINE CABLE



Shielded Twisted Pair		Impedance Matching Cable	
18 stranded, cotton wrap, rubber covered, color coded; paper wrap and tinned copper shield over twisted pair—weather-proofed cotton braid overall.		18 stranded, cotton wrap, rubber covered, color-coded, twisted pair, overall cotton braid, weather-proofed.	
K16161—75 Ft. Coil	\$2.15	K16172—75 Ft. Coil	\$1.00
K16162—500 Ft. Spool	\$13.58	K16174—500 Ft. Spool	\$6.44
Commercial Twisted Pair		"EO-1" Transmission Line	
22 (7x30 tinned) paper wrap. .002" rubber. Color coded, overall weatherproofed cotton braid.		12 solid, 3/8" rubber, twisted pair, overall cotton braid, weather-proofed. Carries up to 2000 watts, Shpg. wt. 2 lbs. per 25 ft.	
K16170—100 Ft. Coil	95¢	K20887—Per Ft.	3 1/2¢
K16171—500 Ft. Spool	\$4.43	Per 100 Ft.	\$3.00

BELDEN Shielded Primary Wires



No. 12 gauge (19x25 tinned) with colored cellophane serve, .031" rubber wall, glazed cotton braid lacquered and an overall tinned copper shield. Wt. 4 lbs. per 100 ft.

K16223—100 ft. for \$3.00.	Your Cost per Foot	3 1/2¢
No. 14 gauge. Same as above, but with .027" rubber wall.		
K16218—100 ft. for \$2.43.	Your Cost per Foot	3¢
No. 16 gauge. Same as above, but with .022" rubber wall.		
K16219—10. ft. for \$1.93.	Your Cost per Foot	2 1/2¢

Rubber Sheathed Multiple Conductor Cable



Specially designed for portable amplifiers with one to three remote speakers. Conductors are No. 18 (41x34 bare), cotton served, 1/4" rubber wall, color coded. They are cabled with fillers, wrap of cotton with rubber sheath overall.

Stock No.	No. Con.	O.D.	Per Ft.	100 Ft.
K20910	2	.245"	2 1/2¢	\$2.15
K20880	3	.265"	3 1/2¢	2.72
K20881	4	.300"	4¢	3.29
K20882	5	.350"	5¢	4.15

Crystal Mike Cable



Combination copper phosphor bronze conductor covered by Belden Lo-Capacity rubber compound. Tinned copper shield. Rubber sheath overall. O.D. .245". Cap. per ft. 24 mmfd. For ribbon or crystal mikes—or low impedance transmission lines. Extra flexible, unusual strength.

K20844—Per Foot	4 1/2¢
100 Ft. For	\$3.72
Two Conductor Cable	
Same as above, but for multi-cell crystal mikes. Cap. per ft. 30 mmfd. Overall diam. .245".	
K20854—Per Foot	6¢
100 Ft. For	\$5.00
Lapel Mike and Pick-Up Cable	
Constructed same as above but overall diameter only .155". Capacity per foot 36 mmfd.	
K20858—Per Foot	3¢
100 Ft. For	\$2.36

Shielded Ignition Wire



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., 4 lbs.

K16221—Per Foot	5¢
K16222—100 Ft. Spool	\$4.44

BELDEN Indoor Aerial Wire

Special non-kink flexible wire. Ideal for A.C.-D.C. sets and winding loops. Made of 65 strands of #38 copper wire.



K16125—Brown Rayon. 100 Ft. Your Cost	57¢
K16126—Brown Cotton. 60 Ft. Your Cost	24¢
K16127—Brown Cotton. 1000 Ft. Your Cost	\$2.86

BELDEN Litz Wire

Stranded Beldenamel (10x41) Litz wire with double wrap of "Tram" silk.

K16143—100 Ft. Spool. Your Cost	23¢
K16144—(7x41). 100 Ft. Your Cost	21¢

Test Prod Lead Wire



Extra flexible No. 18 wire (65x36 tinned copper with colored wrap) 3/4" rubber wall insulation. Two 7-ft. lengths of red and black (14-ft. total) parallel wound on spool. K16336—2 lengths 7-ft. each.

Your Cost per Spool	21¢
K16337—Red or Black. (Specify.) Your Cost per 100 Feet	93¢

Bakelite Arrester



A thoroughly reliable protector for outdoor or indoor use. Bakelite case. \$100.00 guarantee.

K16750—Your Cost	13¢
10 For	\$1.15

Shielded Auto-Radio Lead-in Wire



Low capacitance lead-in cable for auto radios. No. 20 stranded conductor (10x30 tinned) with special low capacity rubber and shielding overall. Maximum capacity between conductor and shield 37 mmfd. Overall diam. .225".

K20883—Per Foot	3 1/2¢
100 Ft. For	\$2.65
Same as above, but with rubber sheath overall. .290" diam.	
K20884—Per Foot	4 1/2¢
100 Ft. For	\$3.44

Shielded Rubber Sheathed Mike Cable



Size 20, 34 stranded tinned copper with cotton wrap, color coded, rubber wall. Very flexible. Conductors cabled, cotton-wrapped, shielded wrap over shield, overall rubber sheath.

Stock No.	No. Con.	O.D.	Per Ft.	100 Ft.
K20876	2	.280"	4¢	\$3.58
K20845	3	.280"	4 1/2¢	3.93
K20877	4	.335"	6¢	5.15
K20878	5	.380"	7 1/2¢	6.44
K20879	6	.410"	8 1/2¢	7.29

AERIAL ACCESSORIES

Pyrex Insulators



Used by the U. S. Army and Navy, commercial services and amateurs. The finest glass insulator made.

Stock No.	Length Inches	Power Rating	Your Cost
K16805	3 3/8	Med.	\$0.20
K16806	7 3/8	1/2 Kw.	.75
K16807	12 1/4	12 Kw.	2.20

Glass Insulators



Special tempered glass, unaffected by heat or cold. High tensile strength. Ridged.

K16849—2 1/2" long.	2c
Your Cost Each	.....
Lots of 100	\$1.85
K16850—3" long	3c
Your Cost Each	.....
10 For 27c	Lots of 100, \$2.50
K16851—4" long	5c
Your Cost Each	.....

Porcelain Insulators

Strain insulators made of glazed porcelain. 1/2" holes.



K16802—2 1/4" long	2 1/2c
Your Cost Each	.....
10 for 20c	100 for \$1.85
High-quality, heavy, ridged porcelain insulators. 7/8" holes.	
K16803—4" long	5 1/2c
Your Cost Each	.....
10 for 45c	100 for \$4.00

Wall Insulator



For supporting wiring or apparatus. Glazed, ridged porcelain; 2 3/8" high. Plated nut and screw.

K16735—Each	9c
Your Cost for 10	84c

Large Stand-Off



Extra-heavy glazed porcelain. Ribbed body for increased surface. 4" long. Hole for wire.

K16800—Ea.	10c
Lots of 10	90c

Porcelain Lead-in Tubes



Brings lead-in into building without cutting wire or causing leakage. Needs 3/8" hole; takes 3/8" wire.

K16860—5" long	2 1/2c
Your Cost Each	.....
Per 10	20c

NAIL-IT KNOBS

Heavy white porcelain. Leather washer under nail head. 1 1/2" high, 1 1/2" diameter. Slotted for 2 wires.

K16977—Each	2c
10 for	18c
100 for	\$1.65



Screw-in-Knobs

For attaching lead-in or ground wires to posts or buildings. Wire passes through center of porcelain. With screw 3" long.

K16972—Net each	2c
10 for 18c	100 for \$1.65
K16986—7" long.	3c
Net Each	.....
10 for 27c	100 for \$2.50

ANTENNA WIRE FOR ALL AERIALS



Made of the finest copper obtainable. All rolls are guaranteed to be full length and standard gauge as specified. For any type aerial.

Bare Stranded—75-Ft. Coils				
Stock No.	Size	Per Coil	10 Coils	25 Coils
K16041	7/26	17c	\$1.55	\$3.70
K16042	7/24	23c	2.15	5.25
K16043	7/22	31c	3.00	7.25

Bare Stranded—100-Ft. Coils				
Stock No.	Size	Per Coil	10 Coils	25 Coils
K16113	7/26	15c	\$1.42	\$4.70
K16114	7/24	29c	2.80	6.75
K16115	7/22	33c	3.13	7.75

Enameled Stranded—75-Ft. Coils				
Stock No.	Size	Per Coil	10 Coils	25 Coils
K16044	7/24	27c	\$2.50	\$6.00
K16045	7/22	37c	3.45	8.40

Polarized Antenna and Ground Connector



Convenient for connecting aerial and ground from set to lead-ins. Consists of male and female plugs with metal tabs polarized so that the plug can not be inserted incor-

rectly.

K16157—Per Set	24c
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Special Ground Clamp

Makes a vise-like grip on pipe. Sharp-pointed screw penetrates paint and rust and makes perfect contact with clean metal. Has nut on screw.

K17105—Your Cost Each	3c
10 for	22c
100 for	\$2.10



Enameled Stranded—100-Ft. Coils

Stock No.	Size	Per Coil	10 Coils	25 Coils
K16116	7/24	36c	\$3.45	\$8.40
K16117	7/22	45c	4.27	10.50

Solid Enameled—100-Ft. Coils

Stock No.	Size	Per Coil	10 Coils	25 Coils
K16118	No. 14	35c	\$3.45	\$8.50
K16119	No. 12	53c	5.29	12.75
K16129	No. 10	90c	per ft. 1 1/2	

1000-FOOT SPOOLS

These 1000-foot spools are put up especially for servicemen, dealers and laboratories. The purchase of aerial wire in this quantity eliminates loss due to "leftovers" or short, unusable pieces.

Enameled Stranded		Bare Stranded	
Stock No.	Your Cost	Stock No.	Your Cost
K16104	\$4.80	7/22	K16106 \$3.80
K16105	3.60	7/24	K16107 2.80

Plated Ground Rods



Used wherever a pipe ground is not available. Heavy steel yoke for driving head, 3/8" plated steel.

No.	Feet	Each	Per 10
K17187	4	28c	\$2.65
K17188	6	38c	3.65

PIPE STRIPS



Broad copper clamp adjustable to fit any size pipe up to 2" in diameter. Has clip for attaching ground lead.

K17102—Your Cost Each	3c
10 for	\$2.25

LIGHTNING ARRESTERS BRACH "Visi-Glow" NEON Arrester



Uses a NEON TUBE instead of an air-gap or resistance. By far the most sensitive arrester made. Slightest induction is shunted to ground. Fully Underwriters Approved. Shpg. wt. 1 lb.

K16700—Your Cost	59c
DUPLEX TYPE: Same as above, but for use with sets having double antennas.	82c

K16701—Your Cost
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Porcelain Arrester

Housed in brown, glazed porcelain approved. With brass screw terminals. 1x1 3/4x3 1/4" overall.

K16753—Your Cost Each	7c
10 for 64c	100 for \$6.20

All-Bakelite Arrester



Molded Bakelite housing. Approved by Underwriters. Non-air-gap type. Shpg. wt. 1 lb.

K16705—Your Cost Each	9c
10 for 80c	100 for \$7.25

Arrester for Doublets

A new approved arrester for the doublet type of antenna. Is of the air-gap type carefully insulated from ground. Housed in heavy, glazed porcelain. Wt. 1 lb.

K16950—10 for	\$1.50
Your Cost Each	17c

Shielded Electro-Static Arrester



Four-way protection lightning arrester, static noise reducer, fuse protection and \$100.00 free insurance bond. Shield over ground terminal. Porcelain housing, nickel-plated hardware.

K16755—Your Cost	43c
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Enameled Copperweld Solid Antenna Wire



Tough steel core covered with high conductivity copper. Has enormous tensile strength.

No. 14 Gauge		
Stock No.	Per Foot	Your Cost
K20926	100	\$.01
K20886	100	.75
K20933	200	1.45

No. 12 Gauge		
Stock No.	Per Foot	Your Cost
K20927	100	.01 1/2
K20885	100	1.05
K20930	200	2.08

No. 10 Gauge		
Stock No.	Per Foot	Your Cost
K20928	100	.02
K20929	100	1.54
K20932	200	3.05

Lead-In Wire



NO. 18 LEAD-IN, RUBBER COVERED
Solid tinned copper, 3/4" rubber easy-strip insulation. For lead-ins, ground leads or aeri-als. Shpg. wt. 2 lbs. per 100 ft. Specify length when ordering.

K16200—25 Ft.	50 Ft.	100 Ft.
Single Coil	11c	20c
Lots of 10	\$1.00	\$1.90
K16217—1000-ft. coil	\$3.75	

Best Grade No. 14 Lead-In Wire



Solid tinned copper core. Heavy (3/4") rubber insulation with weather-proof outer braid. A Code wire.

K16203—25 Ft.	50 Ft.	100 Ft.
Single Coil	27c	52c
Lot of 10, ea.	26c	50c
Lot of 25, ea.	25c	48c
Shpg. wt. lbs.	2	5

Galvanized Guy Wire

Special grade of tough, annealed galvanized wire. Excellent for guying antennamasts. In 50-ft. roll.

K16156—10 for	\$1.35
Your Cost Each	15c

Aerial Lead-In Strips

Copper core with water-proofed lacquer webbing. 12" long. Has new screw terminals which permit tighter connections.

K17100—10 For	40c
Each	5c

With Fahnestock Terminals

K17101—100 For	\$2.85
Your Cost Each	4c

Aerial Tension Spring

Automatically keeps proper tension in aerial and prevents sag. Consists of 2 hooks with porcelain rings interconnected with a powerful spring. Shpg. wt. 1 lb.

K16487—Your Cost Each	29c
5 for	\$1.30

Indoor Antenna Wire

Consists of 20 strands of flexible copper wire covered by a mercerized cotton braid. For indoor or a.c.-d.c. antenna use.

25-ft. hank.	K16155—Your Cost	10c
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Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

ALL-WAVE Antenna Accessories

Lafayette Low Cost Aerial Kits

No finer low cost aerial kits have ever been offered. Complete in every detail and containing only the finest components they will provide the ultimate in reception. This kit includes: 100 ft. 7-24 copper wire; 50 ft. No. 18 rubber covered lead-in wire; 25 ft. ground wire, approved arrester, ground clamp, lead-in strip, two porcelain insulators, two nail-knobs. Can be used on all types of broadcast receivers, short-wave receivers and insures excellent reception.



K16476—Your Cost..... 79¢

Standard Aerial Kit

Contains 90 ft. 7/25 copper wire, 25 ft. lead-in, 25 ft. ground wire, two porcelain insulators, copper ground clamp, lead-in strip, two nail knobs. All the essentials for a dependable aerial system at an unusually low price. Shpg. wt. 2 lbs. With instructions. **\$4.95**

Economy Aerial Kit

Contains 90 ft. 7/27 stranded wire, 25 ft. rubber-covered lead-in, lead-in strip, ground clamp, two nail knobs and two porcelain insulators. The lowest price kit on the market, made up of first quality materials. Complete with instructions. **K16478—Shpg. wt. 2 lbs. \$3.75**
Your Cost, Special..... 37¢

TACO Master Antenna System

An all-wave self-selecting antenna system for apartment houses, hotels, club houses, hospitals and private homes. One efficient aerial and transmission line can serve up to 25 different sets. Each set is connected through a coupler to the aerial. Master Foundation Kit consists of: 80 ft. coil 7/20 tinned copper aerial wire; 22 ft. coil 7/20 copper wire; 30 ft. transmission cable; Transformer Unit; three 7" Navy insulators; one sleeving. Where more than one receiver is to be used, each receiver uses one coupler as listed below. Shpg. wt. 6 lbs.



K16994—Your Cost..... \$3.53
K16995—Transformer Unit (includes lightning arrester) only. \$1.76

TACO RECEIVER COUPLERS



Finished in baked Ivory. Bakelite terminal panel. Screw posts for easy connection to set. Single hole mounting. Shpg. wt. 1 lb. **K16996—No. 325 Coupler..... \$1.47**

Small, neat, finished in satin aluminum. Bakelite terminal panel. ANT and GND screw posts for easy connection. Shpg. wt. 1 lb. **K16997—No. 326 Coupler..... \$1.18**



RCA Magic Wave Antenna Coupler



For use with all types of antennas, standard, doublet or vertical rod. Reduces noise on all bands. Easily installed. May be adapted to existing installations. For any length antenna and transmission line. **Built-in lightning arrester.** Wt. 2 lbs. **\$1.18**
K16791—Your Cost.....

For use with all types of antennas, standard, doublet or vertical rod. Reduces noise on all bands. Easily installed. May be adapted to existing installations. For any length antenna and transmission line. **Built-in lightning arrester.** Wt. 2 lbs. **\$1.18**
K16791—Your Cost.....

Doublet Lead-in Strip

Consists of two strips covered by heavy cotton weather-proof braid. Bakelite bar holds strips parallel. **K16952—Your Cost Each..... 9¢**
Per 10..... **73¢**



Dynatrol

A line filter and aerial eliminator in one unit. Filter of the capacity type. Shpg. wt. 1 lb. **K12633—Your Cost..... 80¢**



Airplane Insulator

A 1 1/2" strain insulator loaded in compression for greater tensile strength. **K17175—Your Cost Each..... 3¢**
Per 10..... **20¢**



Tension Insulator

Protects antenna and holds it tight by means of a heavy spring. Attaches to any mast. Non-rust spring. **K16980—Your Cost..... 7¢**



Cross-Over Insulator

For use with doublet aerials. Glazed white porcelain, 3x2 1/2 x 3/4". **K16951—10 for 60¢. Each..... 6¢**



Unique shape prevents twisting of line. Skeleton frame for high leakage path. Size 1 1/2 x 2 1/4". 10 for 40¢. **K17171—Each..... 5¢**



All-Direction Aerial



Distance with greater volume. Installed in a few minutes—no poles to erect. Battery of heavy 9" wires flared out to point in all directions. More stations on short waves and broadcasts. With hardware and 50 ft. stranded lead-in. **K16475—Your Cost \$1.95**

Windo-Pole Aerial

Consists of three steel sections totaling 8 feet in length. Mounts on any window sill by means of the furnished steel clamp. Requires no wires, or roof work. Insulated lead-in strip included. **K16250—Your Cost..... \$1.15**



Insulator Anchor

Formed steel porcelain insulator. Enamel finish. 6" overall. **K17137—Your Cost Each..... 9¢**



PREMAX

Tubular Steel Masts

Welded steel tubing with green baked-on enamel. Fit within each other. Guy wire disc on top section. **K17139—Single-section, 3 1/2 ft. Shpg. wt. 3 lbs. Your Cost Each..... 59¢**
K17142—Double-section, 7 ft. Wt. 6 lbs. Your Cost, Ea. \$1.18
K17143—Triple-section, 10 ft. Wt. 8 lbs. Your Cost, Ea. \$1.76
K17144—Four-section, 13 ft. Shpg. wt. 11 lbs. Your Cost, Ea. \$2.35



PREMAX Mast

A solid 3/4" steel rod with flattened base which may be bent to any desired angle. Fits all type roofs, mounts solidly. Securely locked porcelain insulator knob at top; cadmium plated finish. 4 ft. high. With guy wire. Wt. 5 lbs. **K17138—Your Cost For 2..... 70¢**



Insulated Staples

For holding inside lead-in and ground wires in place. Per 100 **K15950—Your Cost..... 10¢**



ALL-WAVE COUPLER

Provides correct match for all bands. Used with doublet antenna and transmission line. With instructions. **K17172—Ea. \$5.95**



UNIVERSAL COUPLER

With B.C.S.W. Change-Over Switch For ALL BANDS. Coupler correctly matches the impedance of the antenna to the input impedance of the receiver. Housed in an alloy can. With complete instructions. **K17078—Your Cost Ea. \$4.95**



PHILMORE AERIAL ELIMINATOR

Easy to install; just plug into power receptacle and connect aerial and ground wires to marked posts. **K17084—Each..... 33¢**



NO-TENNA

Does away with an outdoor antenna. Reduces static; eliminates fire and lightning hazards. **K12696—Your Cost \$5.95**
10 For..... **\$5.50**



TRANSMISSION CABLE



Consists of twisted rubber-covered conductors covered by a weather-proof cotton outer braid. Shpg. wt. (100 ft.), 4 lbs. **K17152—100 ft. coil. Your Cost..... 95¢**
K17184—500 ft. coil \$4.45
Your Cost.....

Transmission Wire



Special low-loss twisted pair. Two stranded conductors, rubber insulated, one red, one black. Covered by heavy overall rubber jacket. Excellent for noise reduction doublet lead-in. **K17189—50 ft. coil. Your Cost..... 59¢**
K17190—100 ft. coil..... \$1.10
K17191—500 ft. coil..... 4.95

SHIELDED TRANSMISSION LINE



A 10-strand wire covered with live rubber, a lacquered cotton braid and a woven, tinned shield. **K16240—50 Ft. 100 Ft. 500 Ft. Your Cost 45¢ 85¢ 5.95**

AERIAL ELIMINATOR



Connects to any type of receiver and improves reception. Helps eliminate interfering stations. **K12678—Wt. 2 lbs. Your Cost Each..... 59¢**

"QUICK-UP" AERIAL

Low resistance wire mounted on adhesive tape. Mounted and concealed anywhere without tacks. **K16164—Your Cost..... 35¢**



Indoor Ribbon Aerial

Gold colored metallic braid woven into a strip of fabric about 3/4" wide. Held in place above molding or baseboard with thumb tacks. 65 feet to a roll. **K16163—Per Roll..... 29¢**

Every Day is BARGAIN DAY at Wholesale Radio Service Co. Inc.

ALL WAVE ANTENNA KITS

Lafayette "Wavemaster" All-Wave Kit



A highly efficient all-wave antenna that will provide excellent reception over the entire broadcast and short-wave bands. Completely assembled, ready for installation. Licensed under Amy, Aceves & King patents. Kit includes: 2—50 ft. coils 7/24 bare copper aerial wire; 1—50 ft. weather-proof dual transmission line; 10-ft. rubber covered ground wire; 2—3" glass insulators, 6" stand-off insulator; 2" nail-knobs; 1 duplex lead-in strip; 1 crossover insulator; 2 screw-eyes, 1 ground clamp; 1 Hi-Response Automatic all-wave receiver coupler. **K16479—Shpg. wt. 5 lbs. \$1.95**

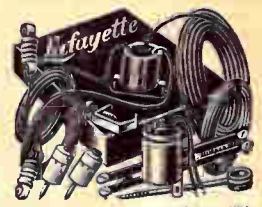
Lafayette "Standard" All-Wave Kit

Designed especially for all-wave reception. Kit contains: 2—30 ft. coils No. 14 solid enameled wire; 50-ft. coil No. 20 braided transmission line; 2—2 1/2" porcelain insulators; 1 dual lead-in; 6" stand-off insulator; ground clamp; porcelain triangle; 2 nail knobs; receiver matching coupler, switch type. Completely assembled, ready for installation. Instruction sheet included. **K16474—Shpg. wt. 5 lbs. \$1.39**



Lafayette "De Luxe" All-Wave Antenna Kit

This superior all-wave antenna will enable you to obtain the finest reception of which your set is capable on both short-wave and broadcast bands. Licensed under Amy, Aceves & King patents the antenna is completely factory assembled and ready for installation. Kit contains: 2—30-ft. coils No. 7/24 bare copper aerial wire; 50 ft. No. 22 braided transmission line; 2—3" glass insulators; duplex lead-in strip; C ground clamp; 10 ft. coil No. 20 ground wire; **Antenna Transformer in porcelain case**; automatic matching Hi-Response receiver coupler; 6" stand-off insulator; 2 nail-kn bs. Instruction manual furnished. **K16486—Shpg. wt. 5 lbs. List \$6.00 \$2.49**



Lafayette "Economy" All-Wave Kit

Completely assembled, all connections made—easy to install. Contains the following: 2—25 foot coils of 7x24 bare copper wire; 1—50 foot coil of weather-proofed transmission line; 3—3" glass insulators; 2—7 1/2" Bakelite screw-eyes; 1—"shur-grip" ground clamp. In attractive box. Shpg. wt. 5 lbs. **K16480— \$97¢**

TACO All-Wave Antenna Kit



The TACO antenna provides maximum signal pickup on broadcast and short-wave bands. Will improve reception in any all-wave receiver. Porcelain weatherproof antenna unit matches all sets. Completely assembled, ready for installation. Kit contains: 2—30 ft. coils aerial wire; 60 ft. transmission cable; screw-eye; 2 nail-knobs; 2 TACO insulators; No. 511 Antenna transformer; No. 512 Set Transformer. With full instructions. Shpg. wt. 5 lbs. **K16459—TACO 510 Kit \$2.65**

Your Cost \$2.06
K16460—As above, less set coupler. \$2.06
K16461—511 Ant. Coupler. . . . 88¢
K16462—512 Set. Coupler. . . . 88¢

RCA No. 395—All-Wave Doublet Kit

The RCA all-wave doublet kit is the latest in its line and is its finest addition to date. Factory soldered and assembled its 40 foot span is easily installed and capable of very efficient operation on all types of receivers. Kit contains: 2—20-ft. Antenna wire coils; 1—45-ft. transmission line; 1—Junction Box; 1—Receiver Coupling Unit; 2—Coupling Unit Links; 2—Strain Insulators; 2—Nail-in Knob Insulators; 1—Ground Clamp. Full instructions furnished. Shpg. wt. 4 lbs. **K16465—RCA No. 395 Doublet Kit, complete. \$2.30**



RCA-VICTOR MASTER ANTENNA



The latest development in antenna design. Gives every broadcast receiver owner the ultimate in noise-free radio reception. Includes a balancing circuit which minimizes "man-made" static such as vacuum cleaners, refrigerators, etc. Consists of balanced doublet with adjustable

counterpoise parallel to the transmission line. Covers broadcast short wave bands. Shpg. wt. 5 lbs. **K16783—Model 9862, less receiver coupler. \$2.94**
Your Cost \$1.15
K16784—Model 9846—Receiver Coupler. . . . \$1.15

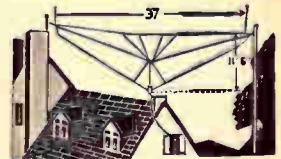
RCA Improved Magic-Wave Antenna

Operates 1 to 16 Radios from One Antenna



Uses the new magnetite core antenna and coupling transformers, greatest noise reducer ever used in a home-type all-wave aerial. Easy to install; no doublets or critical transmission line lengths. Transmission line can be installed underground; reducing noise pick-up, avoiding unsightly appearance. Covers 580 to 23,000 kc. Aerial length 20 to 120 feet. By means of distribution transformers and 16 receiving coupling transformers, a complete noise-reducing installation can be made which will operate up to 16 separate radios with no serious loss or interaction between receivers. Kit comes completely assembled and ready to install. Excellent for use with all types of metal vertical antennas with underground transmission line. Transmission line may be any length up to 600 feet. Has built-in lightning arrester in antenna coupling unit. **K16790—Complete kit for one receiver. Wt. 5 lbs. \$3.50**
Your Price. (RCA No. 9812). . . . \$1.76
K16789—Distribution transformer for 4 additional sets. . . . \$1.76
K16788—Receiver coupler (for each outlet).88
K16787—60-ft. transmission line.88
K16786—45-ft. transmission line (for underground). . . . 1.18
K16785—90-ft. transmission line (for underground). . . . 2.21

RCA "SPIDER WEB" All-Wave Antenna



- Factory Assembled
- Easy to Install

An overseas communications type antenna for your home. Comprises a series of doublet antennas and improved transmission line to the receiver. Factory assembled, ready to install. Requires only 38 feet horizontal, 12 feet vertical clearance. 140 to 23,000 kc. (13 to 2142 meters) range. Full instructions furnished. Shpg. wt. 7 lbs. **K17135—"Spider-Web" Kit. \$5.26**
Your Cost \$2.88
High Frequency Kit: Increases range to 70,000 kc. (4 meters). Wt. 2 lbs. \$88¢
K17136—Your Cost. . . . 88¢

Vertical All-Wave Antenna

An entirely new type of aerial made of three telescoping sections of duralumin extending 12 feet. Plated steel base adjustable for any angle for mounting on roof or side of house, permitting rod to be used as window-pole antenna if desired. Solves problem of good antenna in minimum of space. **Built-in Lightning Arrester** for double protection; prevents accumulation of lightning charges in vicinity of aerial thus acting as lightning rod. Ordinary lead-in wire may be run from aerial to receiver. Separate lead-in kit available, includes: 40 ft. rubber covered lead-in wire, 6" stand-off insulator; 2 nail knobs; lead-in trip; 10 ft. ground wire; "C" ground clamp. Shpg. wt. 6 lbs. **K17148— \$1.79**

Your Cost. . . . 39¢
K17149—Lead-in Kit. . . . 39¢
Your Cost. . . . 39¢

PREMAX All-Steel Vertical Antenna

New tubular steel antenna, easy to erect, saves space. Reduces local noises to minimum. Consists of 4 cadmium plated tubes, extending to 24 ft., and 5 ft. ground post. Heavy wood insulator unit on which RCA antenna coupling unit may be mounted. Excellent for use with RCA Magic Wave Kit Complete set includes: mast, insulator unit, ground clamp, full instruction. Wt. 20 lbs. **K17140— \$5.88**
Your Cost \$5.88
K17141—Roof mounting type, with flanges, guy-wires, insulators. \$5.88
Your Cost \$5.88



CRYSTAL SETS *and* Accessories

PHILMORE CRYSTAL RADIO RECEIVERS

The "De Luxe"—Fixed Crystal

No need to fuss with a crystal with this set. Just connect earphones (there is provision for two headsets), aerial and ground and tune in. No batteries, no plugging in. Housed in a genuine Bakelite cabinet 6½" high, 5½" wide, 2½" deep. The crystal detector is fixed and ultra-sensitive. With Bakelite knob and pointer and calibrated dial. Covers broadcast range. Shpg. wt. 2 lbs.



\$1.95 Ultra-sensitive

K13837—
Your Cost

The "Blackbird"—Cabinet Model

Here is a real receiver. Housed in a crystalline finished metal cabinet, it uses a super-sensitive crystal mounted under a dust-proof glass cover. Needs no tubes, batteries or power. Has 4 posts for phones, aerial and ground—connect them up and the stations roll in loud and clear. Complete with crystal. Shpg. wt. 3 lbs. Complete with crystal. Shpg. wt. 3 lbs. Complete with crystal.

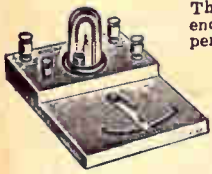


\$1.62

K13887—Your Cost

THE "SUPERTONE"

The glass-enclosed super-sensitive crystal supplied with this receiver will furnish loud clear signals indefinitely. Needs only phones and aerial system to complete installation.



69¢

K13888—Your Cost

The "LITTLE WONDER"

Uses a super-sensitive adjustable crystal and tunes over the broadcast band. The lowest priced radio receiver ever made. Uses single-turn contact slide tuning. Just connect phones and aerial and many stations are heard with good volume.



52¢

K13889—Your Cost

The "Selective"—Cabinet Model

The circuit of this metal-cabinet-housed crystal receiver incorporates a tapped coil and a variable tuning condenser—a real tuned receiver! Equipped with a super-sensitive glass-covered crystal which brings in many stations with exceptional volume and clarity. Two headsets can be plugged in for two listeners. Shpg. wt. 3 lbs.



\$2.35

K13886—Complete with crystal.

Your Cost

PHILMORE VACUUM TUBE RECEIVERS

ONE-TUBE BATTERY SET

With this 1-tube battery set you can tune in the world. You can also have the fun of assembling it yourself—it's simple and instructive. It employs plug-in coils which permits tuning from 13 to 530 meters; this covers amateurs, airplanes, police, foreign and American broadcasts, ships at sea, etc. The standard broadcast coil is supplied—the others are extra. Metal chassis and panel, parts and instructions are furnished.



K13839—Less tubes and batteries

\$1.18

Your Cost, Parts Kit

K13840—As above, but completely wired. Your Cost..... \$1.65
Eveready batteries: No. 772 (45 v.), No. 6 (1½ v.)..... 1.29
K13841—Kit of 4 extra coils (14-240 meters)..... .72
Type 30 tube used in above set. Your Cost..... .33

2-Tube Battery Set

Similar to above, but uses two type 30 tubes. More powerful—will get more distance. Complete kit of parts with simple instructions and one plug-in coil to cover 200-530 meters. Less tubes.

K13842—Kit **\$1.49**
Your Cost

K13843—As above, but wired. Your Cost..... \$1.89

Two 30-type tubes. Net..... 66¢

Eveready batteries: 2 No. 772's and a No. 6. Your Cost..... \$2.29

K13844—Set of 4 plug-in coils to cover 13-240 meters..... 72¢

2-TUBE A.C.-D.C. SET

A real electric receiver. Operates from any 110-volt outlet either a.c. or d.c. Just plug in and tune in. Brings in distant stations loud and clear. Simple instructions. With one plug-in coil for broadcast range (200-530 meters). Cord and plug.

K13845—Less tubes **\$2.25**
Your Cost

K13846—As above, but wired. Your Cost..... \$2.65

Two type-76 tubes. Net..... 68¢

K13844—Set of 4 plug-in coils to cover 13-240 meters..... 72¢

PHILMORE 2-Tube Battery Set

Employs 1-30 and 1-49. Single control tuning; volume control. Used with headphones. Everything contained in small carrying case. Batteries will last a long time. Less headphones.

K13834—Complete kit of parts less tubes and batteries. **\$5.25**
Your Cost

K13835—Factory wired and tested, less tubes, headphones and batteries. **\$5.98**
Your Cost

Kit of tubes: 1-30, 1-49..... 86¢

Kit of batteries: 3—No. 781 C's, 2—No. 4FH cells. Your Cost..... \$1.48



PHILMORE KOMPACT CRYSTAL SET

A complete set in one unit. Just connect to aerial and listen. Has pre-tested fixed crystal detector and highly sensitive earphone with metal headband. Whole set is no heavier than most phones. Can be taken anywhere. A knob and dial tunes over the broadcast band.

K13838—
Your Cost **\$1.95**

Glass-Enclosed Crystal Detector

Dust-proof. An easily adjusted crystal unit equipped with a super-sensitive mineral and a cats whisker of unique design that will maintain most efficient contact with a sensitive point.

K13916—
Your Cost **22¢**

Mounted Galena Crystal

Galena (lead sulphide) has been used for years because of its extreme sensitivity. These units have been carefully selected and tested. 10 for 45¢.

K13900—
Your Cost **5¢**

Super-Sensitive Crystal

Gets more stations and gets them louder. Each crystal is meter-tested after selection on actual reception. Of highest quality galena.

K13901—10 for **\$1.10**
Your Cost

PHILMORE Battery Portables Dwarf 1-Tube Model



A real 1-tube battery portable receiver. Will receive broadcast stations within a field range of 100 miles. Supplied complete with the following: 1 type 30 tube; 2—2-cell flashlight type batteries; 1—single earphone. Measures 5½" x 4½" x 3½", and weighs only 1½ lbs. complete. Swell for camping, vacationing, etc. Shpg. wt. 3 lbs.

K13847—Your Cost **\$2.98**

Supreme 2-Tube

High-efficiency 2-tube portable receiver with a 5" magnetic loudspeaker. Uses 1—#19 and 1—#49 tubes, supplied with receiver. Pleasing leatherette covered carrying case with handle, —dim; 8x6x5½". H. Battery compartment, not shown, supplied with straps to receiver—so that unit becomes one-piece. Sold less batteries, types listed below. Shpg. wt. 4 lbs.

K13848—List \$10.00
Your Cost **\$5.98**

K20107—Eveready 22½ V. B Batt. Each .65¢

K20123—Eveready 1½ V. A Batt. Each .27¢



TEE-NIE COMPLETE CRYSTAL OUTFITS

Midget Model

Looks like a real power set. Genuine walnut cabinet. Pre-tested crystal. Calibrated dial. Complete with special earphone and coil of wire. Size. 4½" x 3¾" x 2¼". Shpg. wt. 3 lbs.

K13824—
Your Cost Complete **\$1.31**

K13823—Set only, less phone and wire. .88¢
Your Cost



De Luxe Model

Reception possible from 25 to 50 miles from any good station. Beautiful, solid walnut cabinet with genuine inlay strips. Simple station finder. Complete with double, adjustable headband phone set and wire for aerial and ground.

Is 6½" x 5½" x 3¾". Shpg. wt. 5 lbs.

K13824—
Your Cost Complete **\$3.29**

K13825—Set only, less phones and wire..... \$2.35
Your Cost



Detector Stand with Tested Crystal

Ball and socket swivel arm for contacting any point on crystal quickly and easily. Attractively mounted. Furnished with crystal that is tested for extra sensitivity. Clip terminals.

K13917—
Your Cost Complete **12¢**



Fixed Crystal Detector in Bakelite Case

Super-sensitive point found by meters and fixed permanently. In Bakelite case with screw connections. Will stand high-voltage.

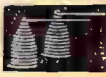
K13913—Meter-tested. **43¢**
Your Cost



Cat Whiskers

Finest wire—correct tension—holds that sensitive spot.

K13921—Envelope of 3. **8¢**
Your Cost



Improved Phone Plug

Bakelite Shell

No screws to tighten—just insert tips and they're gripped. Has hole for strain loop.

K13830—
Your Cost Each **12¢**



10 for **\$1.10**

To Speed Handling of YOUR Order -- Use Our Order Blank

HEADPHONES and ACCESSORIES

BRANDES "Admiral" Headphones

Compact, efficient phones featuring powerful magnets, molded caps, stainless steel headbands with new type adjustable clips, concealed terminals. With 5-ft. cord.

K13928—2000 ohms
Per Set **\$1.89**
K13929—3000 ohms
Your Cost, Per Set **\$2.06**
K13930—5000 ohms
Your Cost, Per Set **\$2.49**



BRANDES "Superior" Headphones

The old standby in the radio field. Similar to above, but with exposed screw terminals. 2000 ohms.

K13925—Your Cost, Per Set **\$1.59**
K13936—Bakelite Cap (fits all models), Each 18c
K13935—Aluminum Cap (fits all models), Each 18c
K13937—Diaphragm only (fits all models), Each 5c

Western Electric

Model 1002C HEADSET



Pole pieces of fine silicon steel. Total resistance of set is 2200 ohms. Impedance at voice frequencies is approx. 20,000 ohms.

Brass nickel plated cases with bakelite caps. Phosphor bronze headbands with textile webbing. With cord.

K13370—Your Cost **\$9.30**

FROST DX Specials



Extremely sensitive. Polished aluminum shells; Bakelite caps; adjustable webbed band. Impedance 20,000 ohms. 5-ft. cord.

K13931—Your Cost **\$2.50**

FROST Standard Headsets

K13932—Per Pair 2900-Ohm Set **\$1.48**
K13933—Per Pair 3000-Ohm Set **\$1.65**

BRUSH Crystal Phones

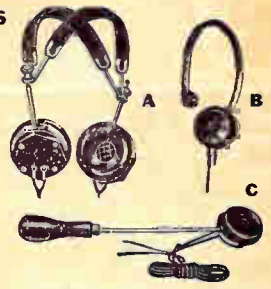
Range 60 to 10,000 c.p.s. High impedance. Molded brown cases sealed to insure against tampering. Finest obtainable.

Double Headset Fig. A. Two phones. Padded adjustable headband. With 5-ft. cord. List \$9.00
K13924—Your Cost **\$5.29**

Special Double Headset: Not shown. Extremely light weight (only 3 1/2 oz.) and have snap connectors. Ideal for aircraft. 5-ft. cord. Model B.
K13909—Your Cost **\$5.29**

Single Headset: Fig. B. Metallic headband, cushioned phone. With 5-foot cord. List \$5.00
K13922—Your Cost **\$2.94**

Lorgnette Phone: Fig. C. Single phone with chromium and black enameled handle that extends from 12 to 17". With 5-ft. cord. Shpg. wt. 3 lbs. List \$6.50
K13923—Your Cost **\$3.82**



BRUSH "Hushatone" Crystal Pillow Speaker



Ideal for hospitals, sanitariums for convalescents and bed-ridden patients. Can easily be attached to any radio, and provides reception with better tone quality than found on the usual portable or a.c.-d.c. set. Consists of a wide range crystal speaker housed in a sanitary, completely sealed rubber housing. Entire unit can be sterilized without damaging the speaker.

Comes complete with rubber covered attachment cable and hook-up instructions. Enables listener to enjoy reception without disturbing others. Shpg. wt. 3 lbs.
K13911—List \$7.50. Your Cost **\$4.41**

Headphone Adapter

Consists of a 3-ft. cable, terminal strip with 3-way switch and insulated tip jacks for phones. On fibre piece 2x2". For all sets. Three positions: phones, speaker, and both phones and speaker.

K13942—Your Cost **\$5.85**



Headphone-Speaker Switching Adapters



Toggle switch disconnects the speaker when phones are in use. Can be attached to any radio. With 3 feet of cable connected to box having the d.p.d.t. toggle switch. Phones automatically connected in grid circuit. Single adapter type for sets with single output tube; two-adapter type for p.p. tubes.

SINGLE	Prongs	DOUBLE
K11720	4	K11723
K11721	5	K11724
K11722	6	K11725
K11743	8 (oct)	K11744

Single Adapter Type **\$1.45**
Your Cost Each
Double Adapter Type **\$1.63**
Your Cost Each

Phone and Speaker Cords



Cotton Braid Insulation

No.	Type	Feet	Each
K13955	Double	5	18c
K13956	Double	5	
K13957	Singlet	5	12c

Extension Cords—Tinsel Center
Double cotton braid insulation.

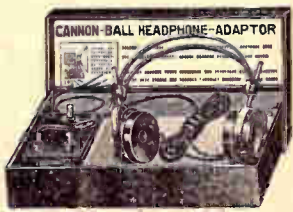
Stock No.	Feet	Your Cost
K13945+	10	18c
K13946+	20	22c
K13947+	30	33c

*Spade tips one end; straight tips other. †Pin tips both ends.

CANNON-BALL HEADPHONE KIT

With this outfit, the serviceman or dealer can provide for headphone reception from any radio receiver. Installation is unusually simple—only 3 wires to connect. When installed, the user can enjoy headphone reception only, speaker reception only or both together. A d.p.d.t. toggle switch on the adapter governs selection. A pair of special low resistance (11 ohm) Empire phones are included, and provided with a 6-ft. cord. Adjustable metal headband on phones. Complete outfit consists of: 3-ft. connecting cable, adapter with three-way switch and terminal jacks on an insulated panel, special Empire phones with 6-ft. cord and complete installation instructions. In attractive box. Shpg. wt. 3 lbs.

K13944—Your Cost, Complete Kit **\$1.95**



"EMPIRE" DX TYPE HEADPHONES

Made especially for DX fans. Have featherweight aluminum shells and a one-piece adjustable headband of stainless steel with adjustable clips. Each unit has a powerful bi-polar magnet and a BAKELITE CAP. Highly sensitive. Shpg. wt. 2 lbs.

2900-Ohm Headset
K13892—Complete. **97c**
Your Cost
K13893—3000 ohms **\$1.25**
Your Cost
K13894—Cap for above. Ea., 12c
K13895—Diaphragm. Ea., 5c



"EMPIRE" Single-Unit Headsets

Similar to above, but one phone. Clock-steel band permanently attached; with 4 1/2 ft. cord.

K13896—1000-ohm single set. **66c**
Your Cost
K13897—1500-ohm single set. **79c**
Your Cost



TRIMM Commercial Phones



Deluxe, super-sensitive phones approved by the Bureau of Commerce for aircraft. Suitable for fine amateur equipment. Ruggedly constructed with walnut brown plastic caps and shells; practically unbreakable. Units sealed in shells. Provided with leather covered metal headbands with exclusive spring lock and adjusting clamp. With moisture proof cord and phone plug.

K13906—600 ohms imp. **\$9.40**
K13908—17,000 ohms imp.
Your Cost Per Set, Either Type

PHONE CUSHIONS
Sponge rubber. Protect ears. 10 Pr. for \$1.95.
K13940—Per Pair **22c**

TRIMM Featherweight Phones

One of the finest sets ever designed. Weight only 4 oz., with band and cord. Bakelite shell and cap, forged cobalt steel magnets. Adjustable spring steel band.

K13918—4000 ohms
K13919—24,000 ohms **\$5.88**
Your Cost Each



TRIMM Dependable Headset
Bakelite shells and caps, chrome steel magnets; ruggedly constructed for amateur and DX fan.

K13914—2000-ohm. **\$2.00**
Your Cost Per Pair
TRIMM Professional Headset
K13915—4000-ohm. **\$2.47**
Your Cost Per Pair

TRIMM "Quiet Radio" Headphone Attachment



Ideal for the bedside listener, or short wave fan. Outfit consists of a control box with built-in selector switch and a single earphone of special low resistance type. Can easily be attached to any radio. Switch permits use of headphone only, speaker only or speaker and phone simultaneously. Uses Acme DeLuxe phone. With attachment cables and plug.

K13903—Model 647 **\$2.59**
Your Cost, Complete
As above, but with bone conduction unit for hard-of-hearing.
K13904—Model 641 **\$11.76**
Your Cost, Complete

FOR HEARING AIDS SEE PAGE 46



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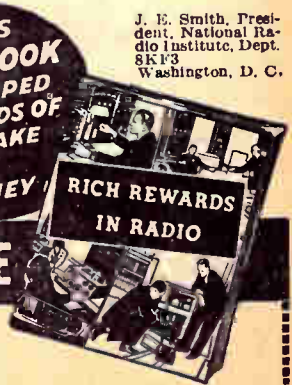
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100-6th AVE.

ATLANTA
265 PEACHTREE ST.

BE SURE TO INCLUDE POSTAGE WITH YOUR ORDER
We Return all unused Postage

SUPER DISTRIBUTING POINTS...FOR SUPER SERVICE

Mail Your Orders to Warehouses at:

NEW YORK, N. Y.
100 Sixth Ave. Phone: WA lker 5-8883

CHICAGO, ILL.
901 W. Jackson Blvd. Phone: Haymarket 0422

ATLANTA, GA.
265 Peachtree St. Phone: Walnut 5140

Local Sales and Display Rooms at:

NEWARK, N. J.
219 Central Ave. Phone: Market 2-1661

BRONX, N. Y.
542 E. Fordham Road Phone: RA ymond 9-8813

JAMAICA, L. I.
90-08 166th St. (Merrick Rd.) Phone: RE public 9-4242

BOSTON, MASS.
110 Federal St. Phone: HU bbard 0474

HOW TO ORDER—Use our convenient order blank. Please write legibly; not more than ONE item to a line. Make sure you write the exact stock number and that the price is the one quoted for item that you want. Specify how we shall make shipment. Check the preferred square; "Express", "Parcel Post", "Freight", "Boat", or "Best Way". We shall follow your instructions. If these are inadequate, we will change them if we feel that such a change is to your better interest. **Radio sets should be ordered shipped by express or if quantity warrants, by freight.** If you find it necessary to write for information, do not include your remarks on an order for parts—always use a separate sheet of paper.

DOMESTIC—Wholesale Radio Service Company, Inc. buys for cash and sells for cash. That explains our low-price policy. We cannot afford to carry credit accounts and we pass on to our customers the savings effected by the elimination of costly bookkeeping departments. We ship C.O.D. if desired, providing a deposit of 20% accompanies your order. C.O.D. parcels may be shipped ONLY to all parts of the United States and its territorial possessions. Orders generally cannot be sent C.O.D. in care of banks, as most banks refuse to handle such shipments. **On small orders, remittance in full plus transportation costs saves you extra collection costs.**

TRANSPORTATION ALLOWANCE

On all radio orders (excluding sets) for \$25.00 or more, deduct 2% from the total as a transportation allowance, except on Lafayette and National Co. products. Foreign orders excepted.

Zone Numbers	1	2	3	4	5	6	7	8
Distance in Miles from Shipping Point	Up to 150 mi.	Not over 150 mi.	150 to 300 mi.	300 to 600 mi.	600 to 1000 mi.	1000 to 1400 mi.	1400 to 1800 mi.	Over 1800 mi.
Cost for 8 oz. to 1 lb.	8c	8c	9c	10c	11c	12c	14c	15c
Cost for Each Additional lb. or Fraction	1.1c	1.1c	2c	3.5c	5.3c	7c	9c	11c

RATES SUBJECT TO CHANGE BY U. S. POSTAL AUTHORITIES

FOREIGN—Orders from foreign countries receive careful attention. They are carefully 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. **Cable address "Wholrad", New York.**

The average Parcel Post rate on foreign shipments is 14c per pound. Insurance rate averages 1 1/4% 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 packing charge for shipments to points outside the United States which can be forwarded packed as for domestic shipment.

FINAL PRICES—shown in this catalog are net, F.O.B. our warehouse. All discounts have been deducted, including 2% discounts for cash. **Prices are subject to change without notice.** We give customers the benefit of all reductions taking place after catalog is printed.

SENDING MONEY—The safest and best way to send money is by postal express or telegraph money order, bank drafts or firm checks. Do not send cash. If absolutely necessary to remit cash, send by registered mail only. Do not hesitate to include sufficient postage or other carrying charges. Overpayments are promptly refunded. Insufficient postage often delays shipment's needlessly.

RETURNING MERCHANDISE—If you find it necessary to return any merchandise for adjustments, please write in advance stating the following: reason for return—when and where purchased—number of sales slip (if purchased over-the-counter). If your shipment is received damaged, obtain a report from the postmaster or express agent and mail it to us. Use a separate sheet of paper, and address it to the Adjustment Dept. Do not add your remarks to a new order for parts. **Do not include money in the package you return.** When returning merchandise, pack carefully, insure, and write your name and address on all packages and letters before returning to us.

PARCEL POST RATES—Parcels up to 8 oz. may be shipped anywhere in U.S.A. for 6c. **RATES FOR PARCELS OVER 8 OZ. AS FOLLOWS:** 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 at widest point 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 twice 10 inches width, plus twice 5 inches height, equals 65 inches.)

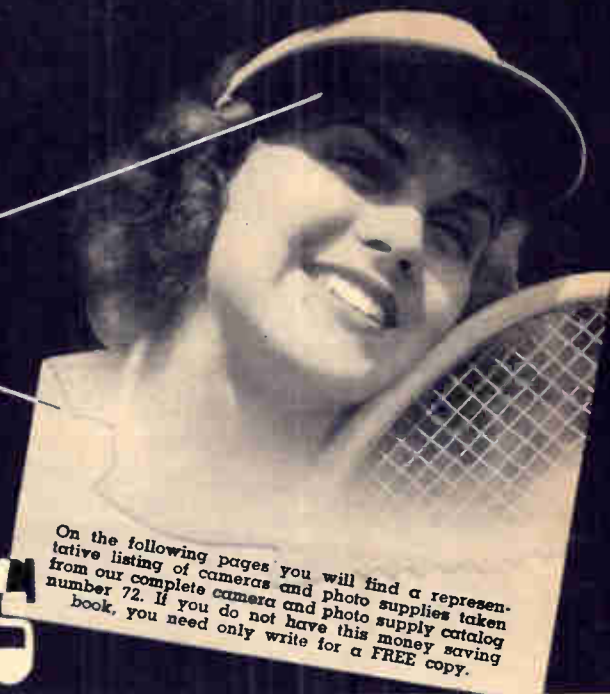
POSTAGE CHARGES—are based on weight of parcel and distance from shipper's city to your address. The rates are determined by zones. Each zone comprises a certain mileage radius from the point of shipment. You can easily estimate the postage costs from our nearest warehouse to your town from the following chart. If in doubt about the zones you are in, as regards our nearest warehouse, consult your local postmaster. Total weight of your shipment can be estimated by adding weights of individual articles as given in catalog and then adding approximately 2 lbs. for packing. Parcel post packages must be shipped prepaid. **Please be sure to include postage with your remittance.** All items are F.O.B. point of shipment.

INSURANCE—Charges are: 5c for parcels up to \$5.00; 10c for parcels from \$5.00 to \$25.00; 15c for parcels from \$25.00 to \$50.00; 25c for parcels from \$50.00 to \$100.00. After \$100.00 value the charge for each \$50.00 additional is 5c extra. If you are doubtful as to the correct amount do not hesitate to send us sufficient postage. We GUARANTEE to refund any excess.

C.O.D. SHIPMENTS—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: When value of parcel is up to \$5.00 the extra charge is 12c; \$5.00 to \$25.00 the extra charge is 17c; \$25.00 to \$50.00 the extra charge is 22c; \$50.00 to \$100.00 the extra charge is 32c; \$100.00 to \$150.00 the extra charge is 40c; \$150.00 to \$200.00 the extra charge is 45c. For each \$50.00 value above \$200.00 the charge is 5c more (including insurance). Post Office also charges an extra small money order fee on each C.O.D. parcel. **You can save these fees by remitting in full.**

EXPRESS & FREIGHT SHIPMENTS are sent transportation charges collect. If your station has no agent, please send sufficient money to cover transportation. Charges are the same either way. All over-payments are promptly refunded.

CAMERAS



On the following pages you will find a representative listing of cameras and photo supplies taken from our complete camera and photo supply catalog number 72. If you do not have this money saving book, you need only write for a FREE copy.

OUR 5 POINT PLAN

1. To offer **QUALITY MERCHANDISE**, honestly presented, at money saving prices. This has been Wholesale Radio Service Co.'s unwavering business policy since 1921.
2. **SATISFACTION GUARANTEED**. All cameras are sold on a 10-day free-trial basis. If you are not completely satisfied, your money will be refunded. Books, papers and chemicals are, of course, not returnable. Buy with confidence from W. R. S. Co.
3. Our liberal **EXCHANGE SERVICE** permits us to offer the highest cash prices for saleable camera equipment you want to sell or trade. Mutually satisfactory terms will be arranged, and a check, or any merchandise you select will be forwarded at once. Consult us **FIRST** for the best deal.
4. **"WE WILL NOT KNOWINGLY BE UNDERSOLD."** Should any item appearing in this catalog be advertised in any other current advertisement for less money, we guarantee to meet or beat that price. This policy has been faithfully adhered to since the inception of our business. Buy with confidence.
5. **EXCELLENT SERVICE** is our keynote. Seven completely stocked branches in New York, Chicago, Atlanta, Boston, Newark, Jamaica, L. I. and the Bronx can quickly fill your requirements. Mail orders filled from New York, Chicago and Atlanta.

REFLECTA REFLEX



**COMPLETE
36 PAGE
CAMERA CATALOG**

It's new — it's different — it's complete — and it's crammed with money saving values in all the latest cameras and photographic supplies. It's known as catalog number 72, and you've never seen a more valuable camera and photo supply book. If you do not already own a copy, just write for one

today, or use the convenient coupon on the back of the envelope in which this catalog is contained (just paste it on a penny post card).

In addition to a complete listing of cameras and equipment, catalog 72 contains a section devoted to helpful technical information on fine-grain developing, emulsion speeds, printing speeds of various papers, flood-lighting data, etc. Valuable for amateur and professional alike.

- Full Size Ground Glass Viewer—What You See You Get
- 12 Exposures on Standard 120 Film
- Two f.4.5 or f.3.5 Synchronized Lenses

This popular "twin eye" reflex camera is capable of meeting the demands of the most exacting photographer, it is simple to operate and is precision built. Its sharply focused viewer shows you exactly the picture you get. Both lenses of the same fine quality, focused together by means of a single lever. Self-erecting light hood. Takes 12 exposures 2 1/4" x 2 1/4" on regular 120 roll film. Sturdy metal case is leather covered and smartly finished. A remarkable camera at a remarkably low price.

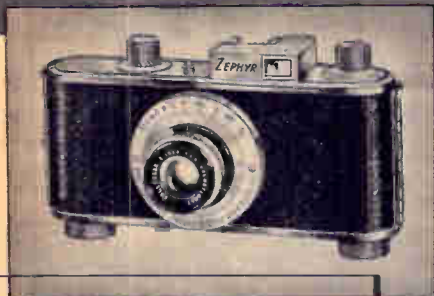
PH808—Reflecta, with Triolar f.4.5 lenses in Stelo shutter. Speeds 1/25 to 1/100 seconds, time and bulb. List \$22.50 Shpg. wt. 3 lbs. **\$15.75**

Your Cost, Special.....
PH809—Reflecta, with Trioplan f.3.5 lenses in Compur shutter. Speeds 1 second to 1/300 second, time and bulb. List \$45.00 Your Cost, Special..... **\$27.50**

DeLuxe Ever-ready cowhide carrying case for above. Velvet lined front flap. Shoulder strap. Shpg. wt. 2 lbs. **\$3.45**

PH1010—Your Cost.....
For Filters and Mounts for Above, See Page 179.

new highs in value and performance



ZEPHYR Candid Camera

Precision camera with: Interchangeable type lenses; Focal plane shutter; Speed from 1/25th to 1/500th sec.,—time and bulb; Special Aluminum alloy case, leather covered; Automatic film counter; Standard 36 ex., 35mm spools (Leica type); Wollensak telescopic view-finder; Winder lock; range finder attachment. Made in U.S.A.

PH1513—With 2" Wollensak \$22.50
1/3.5 Lens. Your Cost.....

PH1514—With 2" Wollensak \$29.50
1/2.9 Lens. Your Cost.....

Shipped postpaid in U.S.A.
PH9605—Eveready Cowhide Case for above Zephyr Cameras. Your Cost \$4.79

ZEPHYR



TURF

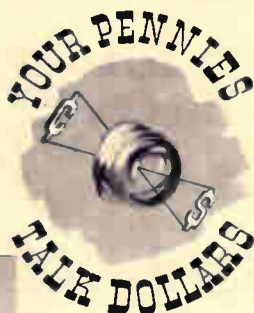
TURF Folding Camera

- F.3.8 Anastigmat Lens
- Optical View Finder

A sturdy, compact folding camera housed in a molded, durable case. Fitted with a fully corrected f.3.8 Anastigmat lens. Takes 16 pictures 1 3/4"x2 1/4" on standard 120 roll film. Front lens focusing. Has built-in optical view finder and tripod insert. Furnished with cable release. Shpg. wt. 3 lbs.

PH1502—Turf Super with automatic shutter providing 1/25, 1/50, 1/100 second, time and bulb.
Your Cost..... **\$13.95**

PH1503—Turf Speed with Prontor II delayed action shutter providing 10 speeds from 1 second to 1/175 second, time and bulb.
Your Cost..... **\$16.95**

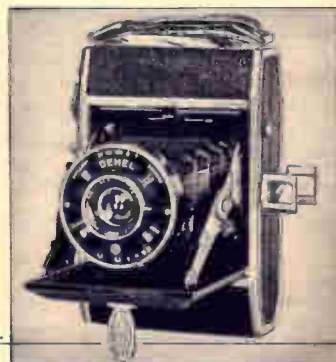


SIDAX Lightweight Camera

New compact, lightweight camera in an all-molded case. A truly sensational value at the low price quoted. Takes 8 pictures 1 3/8"x1 5/8" on standard 127 roll film. Has excellent Sidar lens mounted in a shutter that provides time and instantaneous action. Built-in through the camera optical view finder. Has tripod insert. Hinged back for easy loading. Made in Czechoslovakia. Shpg. wt. 1 lb.

PH1500—
Your Cost, Special..... **\$2.89**

SIDAX



DEHEL

DEHEL Candid Camera

For photographers who want candid camera shots but not tiny negatives. This is a real Candid Pocket Camera, compact, light and highly efficient. Made in France. Has the following features: Takes 120 Kodak film (1 5/8"x2 1/4")—16 exposures to the roll; Short focal length; 4.5 rapid Anastigmatic lens, three components; Hair release special shutter—5 speeds T/B/25/50/100; Eye level type view-finder composed of 2 optical lenses with parallax reduced to a minimum; Genuine leather bellows; Horizontal tripod socket; Pressure plate; Constructed of genuine duralumin with nickel trimmings and leather covering; Self-erecting to picture taking position; Uses double springs. Thorough construction throughout to make an unusually strong camera for its weight and size. Dimensions: 4 3/4"x3 1/2"x1 1/4". Net wt. 14 ounces.

PH1515—Shpg. wt. 2 lbs. **\$15.45**
Your Cost.....

FILTERS, SUNSHADES, MOUNTS...

FIMO No.	Adjustable Spring Filter Holders; With Snap-Ring	Diag. MM	Diag. Ins.	For Lenses From—To	Each
PH9200		25	1	3/4"....1"	\$1.09
PH9201		31	1 7/32	7/8"....1 1/4"	1.19
PH9202		39	1 17/32	1 1/8"....1 3/8"	1.29

Sunshades For Above

Appearance, construction of high standard. Made to fit filter holders listed above.	PH9550 for PH9200.....	39c
	PH9551 for PH9201.....	44c
	PH9552 for PH9202.....	49c

FIMO Filters

No.	Diag.	Color	Ea.	No.	Diag.	Color	Ea.
PH9500	31 mm	Li. Yel.	75c	PH9512	25 mm.	Li. Gr.	75c
PH9501	31 mm.	Md. Yel.	75c	PH9506	25 mm.	Md. Gr.	75c
PH9513	31 mm.	Li. Gr.	75c	PH9507	25 mm.	Red	75c
PH9502	31 mm.	Md. Gr.	75c	PH9508	39 mm.	Li. Yel.	95c
PH9503	31 mm.	Red	75c	PH9509	39 mm.	Md. Yel.	95c
PH9504	25 mm.	Li. Yel.	75c	PH9514	39 mm.	Li. Gr.	95c
PH9505	25 mm.	Md. Yel.	75c	PH9510	39 mm.	Md. Gr.	95c
				PH9511	39 mm.	Red	95c

PH9204—25MM Type Slip-on Filter Holder. Will take any filter from PH9504 to PH9507 listed above. Your Cost.....85c





ROLL FILM



Kodak Film has long enjoyed a reputation for affording an extremely high percentage of successful snaps. Kodak Verichrome has a double coating which is valuable in correcting exposure errors. Kodak Panatomic is completely color-sensitive and provides rich contact prints and superb enlargements because of its extremely fine grain. Super Sensitive Panachrome has the fine qualities of Panatomic but is faster, making it possible to take indoor shots at night, aided by Photoflood lamps.

Planachrome and Super-Planachrome are high-speed, color-corrected film, the latter having greater speed and latitude as well as full anti-halo protection. Superpan is a superior type film, excellent for night snapshots. Wide latitude corrects for exposure errors. Super Pan Press is four times faster than Super Pan film and its equivalent in other makes. All AGFA Roll 6 Film Pack below shipped Postpaid in U.S.A.

KODAK Roll Film

Size	Verichrome		Panatomic		S.S. Pan	
	No.	Each	No.	Each	No.	Each
127	PH535	23c	PH539	27c	PH543	27c
620	PH533	27c	PH538	32c	PH541	32c
616	PH534	32c	PH1379	36c	PH542	36c
120	PH536	32c	PH540	32c	PH544	32c
116	PH537	27c	PH1380	36c	PH545	36c
124	PH133	41c				
130	PH1159	41c				
118	PH134	41c				
122	PH1143	50c				

Kodak Film Pack (12 Exposures)

No.	Verichrome		S.S. Panchromatic	
	Each	Size	No.	Each
PH546	54c	520 (2 1/4 x 3 1/4")	PH549	63c
PH547	90c	518 (3 1/4 x 4 1/4")	PH550	\$1.08
PH548	99c	541 (9 x 12 cm)	PH551	\$1.17

AGFA Roll Film

Size	Planachrome		Super-Planachrome		Super Pan		Super-Pan Press	
	No.	Each	No.	Each	No.	Each	No.	Each
127	PH1055	25c	PH1086	27c	PH1054	27c	PH1015	36c
120	PH1058	30c	PH1087	32c	PH1056	32c	PH1014	41c
620	PH1051	30c	PH1089	32c	PH1050	32c	PH1023	41c
116	PH1142	35c	PH1088	36c	PH1092	36c		
616	PH1053	35c	PH1090	36c	PH1052	36c	PH1093	45c
122	PH1393	55c	PH1091	59c				

AGFA Film Pack (12 Exposures)

Size	SUPER PAN			SUPER PAN PRESS		
	No.	Each	6 For	No.	Each	6 For
520	PH1018	\$0.68	\$3.83	PH1102	\$0.81	\$4.59
518	PH1016	1.22	6.89	PH1017	1.35	7.65
541	PH1020	1.31	7.40	PH1021	1.49	8.42

SUPER PLENACHROME			
No.	Each	6 For	
520	PH1019	\$0.63	\$3.57
518	PH1057	1.04	5.87
541	PH1022	1.13	6.38

520 is 2 1/4 x 3 1/4"
518 is 3 1/4 x 4 1/4"
541 is 9 x 12 cm.

NEW KODAK 35 MM. FILM

Newly developed. Higher speed, finer grain.
 PH3000—FX-828. Panatomic X. 8 exposures.
 PH3001—PX-828. Plus X. 8 exposures.
 PH3002—XX-828. Super X. 8 exposures.
 2 For... 45c Your Cost Each.
 PH3003—FX-135. Panatomic X. 36 exposures
 PH3004—PX-135. Plus X. 36 exposures.
 PH3005—XX-135. Super X. 36 exposures.
 Your Cost Each.

23c
86c

35 M.M. FILM

DuPONT 35 MM. FILM

PH1024—Superior Pan. for Leica..... 77c
 PH1061—Superior Pan. for Contax..... 77c
 PH1025—XL for Leica..... 90c
 PH1062—XL for Contax..... 90c
 PH786—Infra red film cartridge for Leica..... 98c
 PH787—Infra red film cartridge for Contax..... 98c
 PH788—27 1/2 ft. notched bulk Superior Pan..... \$1.62

KODACHROME 35 MM. FILM

PH1172—Kodachrome K828 (8 exp. 28x40 mm.)
 PH1197—Kodachrome K828A (8 exp. 28x40 mm.)
 For Bantam Kodaks only. Either Type, Each..... \$1.22
 PH1152—Kodachrome K135 (18 exp. 24x36 mm.)
 PH1398—Kodachrome K135A (18 exp. 24x36 mm.)
 For Leica, Contax, Retina, etc. Either Type, Each..... \$2.25



AGFA 35MM FILM

PH1029—Ultra Speed Panchromatic. For Contax } \$1.13
 PH1026—Ultra Speed Panchromatic. For Leica }
 PH1027—Superpan. Supreme Leica cart. } 90c
 PH1063—Superpan. Supreme Contax cart. }
 PH1059—Finopan. Leica cartridge. } 99c
 PH1028—Finopan. Contax cartridge. }
 PH1030—Fine-Grain Planachrome. Leica } 81c
 cartridge. Your Cost Each.
 PH1440—18 exposures. Superpan Supreme. } 45c
 For Argus. Your Cost Each.
 PH784—27 1/2 foot length. Ultra-Speed Pan, } \$2.03
 notched. In container. Your Cost Each.
 PH785—27 1/2 foot length. Super-pan. Supreme, } \$1.62
 notched. In container. Your Cost Each.

Gevaert 35MM. Film Cartridges

Daylight loading, fine grain, color corrected. For Leica, Contax, Argus, Retina, Exakta, etc. 36 exposures.
 PH531—Express Superchrome. Each..... 68c
 PH532—Panchromosa. Each..... 75c
 Refills Only (36 Exposures)
 PH558—Express Superchrome. Each..... 33c
 PH559—Panchromosa. Each..... 37c
 PH1126—35mm. Bulk Panchromosa notched film. 50ft. \$2.79

GEVAERT FILM

Gevaert Roll Film and Film Pack are supplied in two types: Express Superchrome and Panchromosa. They are double coated to insure the widest latitude in conjunction with extremely high speed. Express Superchrome emulsion possess those highly orthochromatic qualities for which Gevaert chrome-type emulsions have been famous for many years. Panchromosa is sensitive to all colors of the visible spectrum, in a balance which permits accurate rendition of colors as seen by the eye. Both types of emulsion are notable for fine and uniform grain, enabling production of enlargements of superb quality. Both Gevaert Roll Film and Film Pack fit all cameras.



Gevaert Roll Film (6 Exposures)

Express			Panchromosa		
No.	Each	Type	Size	No.	Each
PH511	17c	G27	1 5/8 x 2 1/2"	PH516	22c
PH512	19c	G20	2 1/4 x 3 1/4"	PH517	24c
PH513	24c	G16	2 1/2 x 4 1/4"	PH518	27c
PH514	24c	G6-16	2 1/4 x 4 1/4"	PH519	27c
PH515	19c	G6-20	2 1/4 x 3 1/4"	PH520	24c

Gevaert Pack Film (12 Exposures)

No.	Each	Type	Size	No.	Each
PH521	40c	P20	2 1/4 x 3 1/4"	PH523	50c
PH522	70c	P18	3 1/4 x 4 1/4"	PH524	85c
PH1438	80c	P41	9 x 12 cm	PH1439	95c

DUFAYCOLOR ROLL AND FILM PACK

Dufaycolor roll and cut film, the natural color film, is as easy to use as ordinary black and white and gives such beautiful results that photography in all its forms takes on new meaning. To spread the fame of Dufaycolor to those who have not tried it we offer to develop each roll (not pack) purchased from us at the special reduced price of 25c per roll. It must be sent to us in original carton with our stock number on it.



Roll Film (6 Exposures)

Type	No.	Size	Each
27	PH1114	1 5/8 x 2 1/2"	\$.90
20	PH1115	2 1/4 x 3 1/4"	1.25
M20	PH1116	2 1/4 x 3 1/4"	1.25
16	PH1117	2 1/2 x 4 1/4"	1.75
M16	PH1118	2 1/2 x 4 1/4"	1.75

Film Pack (8 Exposures)

Type	No.	Size	Each
FP20	PH1121	2 1/4 x 3 1/4"	\$2.75
FP18	PH1122	3 1/4 x 4 1/4"	4.50
FP41	PH1123	9x12 cm	5.00

PH1124—Dufaycolor Developing Kit. Process your own Dufaycolor film at home. Your Cost..... \$1.25

PH1125—Dufaycolor Manual..... 25c

Dufaycolor Film for Miniature Cameras

35 millimeter Daylight Loading Dufaycolor film for excellent results with all types of modern miniature cameras.
 PH1119—For Leica, Argus, Marvel and Kodak Retina. 18 exposures. Your Cost Each..... \$1.40
 PH1120—For Contax and Super-Nettel, 18 exposures. Your Cost Each..... \$1.40

ALL DUFAYCOLOR ITEMS SHIPPED POSTPAID IN U.S.A.

FROM CAMERA to ENLARGER...



ROLLEICORD

ROLLEICORD

The well known Rollei cameras, the Rolleiflex and the Rolleicord, possess the multiple advantages of the reflex view-finder type. Twin-eye cameras they enable their users to produce clear sharp pictures that are always in focus, as well as to enhance composition as it is actually seen in the view-finder. Since the image is always present in the view-finder quick moving objects may always be kept in sharp focus. The brilliant image in the view-finder makes photography simple and easy for you and is a protection against film wastage because you can see exactly what you will get. Automatic film transport carries the film forward exactly one exposure. Your exposure and shutter readings can be viewed from the top of the lens mount so that greater ease in operation is provided. Focusing hood springs up easily and closes with slight pressure of the palm.

PH1433—Rolleicord Ia, with Zeiss Triotar f:4.5 lens and one lever Compur shutter up to 1/300 sec. 12 2 1/4 x 2 1/4" exposures on No. 120 film. Shpg. wt. 3 lbs. Finder lens speed is F:3.2. **\$42.75**

PH1434—Rolleicord II, with Zeiss Triotar f:3.5 lens and one lever Compur shutter up to 1/300 sec. 12 2 1/4 x 2 1/4" exposures on No. 120 film. Shpg. wt. 3 lbs. Finder lens speed is F:3.2. **\$58.50**

PH9600—Eveready Case for either of above. Wt. 2 lbs. **\$5.69**

ROLLEIFLEX

PH1435—Rolleiflex, with Zeiss Tessar f:2.8 lens, one lever Compur shutter up to 1/500 sec. 12 1 3/8 x 1 3/8" exposures on No. 127 film. (4x4 cm). Shpg. wt. 3 lbs. Finder lens. F:2.8. With Eveready case. **\$94.50**

PH1436—All Automatic Rolleiflex, with Zeiss Tessar f:3.5 lens, Compur shutter up to 1/500 sec. 12 2 1/4 x 2 1/4" exposures on No. 120 film. Shpg. wt. 4 lbs. Finder lens F:2.8. With Ever. case. **\$130.50**

Filters, Sunshades, etc., for above cameras completely described and listed on page 179

NOVABROM PROJECTION PAPER

Dim: 5x7 inches. Especially suited for Federal Enlarger.

Single Weight			Double Weight			
Normal	Vigorous	Ex. Vig.	Grade	Normal	Vigorous	Ex. Vig.
PH250	PH251	PH252	Matte	PH268	PH269	PH270
PH253	PH254	PH255	Semi-Matte	PH271	PH272	PH273
PH256	PH257	PH258	Glossy	PH274	PH275	PH276

Your Cost—Sin. Wt. Pkge. of 12. 26c; Pkge. of 1/2 Gross (Denote by "A"). \$1.29
Your Cost—Dbl. Wt. Pkge. of 12. 34c; Pkge. of 1/2 Gross (Denote by "A"). \$1.69



FEDERAL



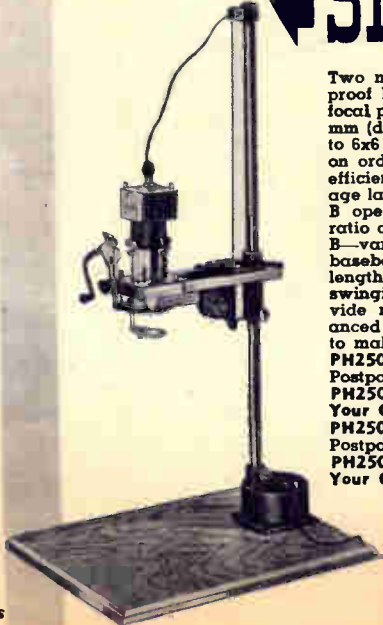
Fixed Focus Enlarger

Automatically prints and enlarges. Makes 3 1/2 x 5" enlargements for slightly over one cent, and 2 1/2 x 3 1/2" enlargements for less than one cent per print. (See Novabrom Paper Above.) Includes following features: Always in focus; enlarged image clearly visible on ground glass plate; Operates on AC or DC; Colored transparencies, framed or unframed, can be magnified and viewed in their full colors. Makes 3 1/2 x 5" enlargements from double frame 35mm negatives; Enlarges half V.P. negatives; Enlarges equivalent sections of negatives up to 4x5"; Easy-to-use paper cutter (supplied) slits any standard 5x7" bromide paper in half; Open view negative holder—eliminates finger prints, scratches, etc.; Predetermined exposure time; Highly corrected achromatic lens system. Dim. approx: 6x10x14". Shpg. wt. 7 lbs. **\$12.50**

PH2500—Your Cost

SHIPPED POSTPAID IN U.S.A.

SIMMONS



Omega Enlargers

Two models available, A and B. Both have dust-proof holders and hold the film absolutely flat in focal plane. Model A accommodates negative 24x36 mm (double frame 35 mm film); Model B 24x36 mm to 6x6 cm with intermediate size holders available on order. Both employ special cool lamphouse for efficient operation. Model A uses special low-voltage lamp, and operates from 110 V. AC only. Model B operates from 110 V. AC or DC. Enlargement ratio of Model A; 16 times on baseboard; of Model B—varies with focal length of lens. (9 times on baseboard with 3" lens, 16 times with 2" focal length). Both have laminated hardwood base and swinging lamphouse, plus focusing levers to provide rapid accurate adjustment. Use counterbalanced mechanisms to insure against accident and to make operation easier. With fabric cover.

PH2501—Model A without Lens. **\$48.00**

Postpaid in U.S.A. Your Cost

PH2502—Model A with 2" Gewironar F:3.5 lens. Your Cost **\$53.95**

PH2503—Model B, less lens. **\$65.00**

Postpaid in U.S.A. Your Cost

PH2504—Model B with 3" Gewironar F:3.5 lens. Your Cost **\$71.95**

Enlarging Lenses

A welcome addition of a sharp precision anastigmat lens in barrel mount, made especially for enlarging. Has iris diaphragm and adapter ring for lens board.

PH1950—2" 1/3.5 Your Cost **\$9.95**

PH1951—3" 1/3.5 Your Cost **10.95**

PH1952—2" 1/4.5 Your Cost **8.95**

PH1953—3" 1/4.5 Your Cost **9.95**

Write For Complete List of Omega Enlarger Accessories

ENLARGING and CONTACT PAPERS

DEFENDER VELOUR BLACK

Velour Black is notable for its high speed in exposure, its remarkable fidelity to negative scale and the great simplicity of its manipulation.

5 x 7" Single Weight

1 Doz.	1/2 Gross	Surface	Grade
PH352	PH452	Glossy	Soft
PH353	PH453	"	Normal
PH354	PH454	"	Contrast
PH358	PH458	Semi-Matte	Soft
PH359	PH459	"	Normal
PH360	PH460	"	Contrast
Any Dozen package above, Your Cost Each 27c			
Any 1/2 Gross package above, Your Cost Each \$1.49			

5 x 7" Double Weight

1 Doz.	1/2 Gross	Surface	Grade
PH370	PH470	Glossy	Soft
PH371	PH471	"	Normal
PH372	PH472	"	Contrast
PH373	PH473	Matte	Soft
PH374	PH474	"	Normal
PH375	PH475	"	Contrast
PH376	PH476	Semi-Matte	Soft
PH377	PH477	"	Normal
PH378	PH478	"	Contrast
PH713	PH725	V.G.L.*	Soft
PH714	PH726	"	Normal
PH715	PH727	"	Contrast
PH716	PH728	V.G.B.L.†	Soft
PH717	PH729	"	Normal
PH718	PH730	"	Contrast

*Velvet Grain Luster
†Velvet Grain, Buff Luster
Any Dozen package above, Your Cost Each **35c**
Any 1/2 Gross package above, Your Cost Each **\$1.69**

8 x 10" Single Weight

1 Doz.	1/2 Gross	Surface	Grade
PH361	PH461	Glossy	Soft
PH362	PH462	"	Normal
PH363	PH463	"	Contrast
PH367	PH467	Semi-Matte	Soft
PH368	PH468	"	Normal
PH369	PH469	"	Contrast

Any Dozen package above, Your Cost Each **59c**
Any 1/2 Gross package above, Your Cost Each **\$2.95**

8 x 10" Double Weight

1 Doz.	1/2 Gross	Surface	Grade
PH379	PH479	Glossy	Soft
PH380	PH480	"	Normal
PH381	PH481	"	Contrast
PH382	PH482	Matte	Soft
PH383	PH483	"	Normal
PH384	PH484	"	Contrast
PH385	PH485	Semi-Matte	Soft
PH386	PH486	"	Normal
PH387	PH487	"	Contrast
PH719	PH731	V.G.L.*	Soft
PH720	PH732	"	Normal
PH721	PH733	"	Contrast
PH722	PH734	V.G.B.L.†	Soft
PH723	PH735	"	Normal
PH724	PH736	"	Contrast

*Velvet Grain Luster
†Velvet Grain Buff Luster
Any Dozen package above, Your Cost Each **75c**
Any 1/2 Gross package above, Your Cost Each **\$3.95**

GAEVERT Novabrom Projection Postcards

PH304—2 Dozen White Smooth Semi-Mat, Normal Contrast. Your Cost **45c**
PH1387—1/2 Gross White Smooth Semi-Mat, Normal Contrast. Your Cost **\$1.05**

Contact Postcards

PH305—2 Dozen White Smooth Semi-Mat, Normal Contrast. Your Cost **35c**
PH1388—1 Gross White Smooth Semi-Mat, Normal Contrast. Your Cost **\$1.53**

E-K VELOX Contact Paper

Eastman-Kodak Velox paper has been acknowledged the finest contact printing paper by all who know fine printing papers. Available in three grades, No. 2 for average negatives, No. 3 for thin negatives and No. 4 for extremely flat negatives. Superior results on all grades.

Glossy 2 1/2 x 3 1/2" Velvet

2 Doz.	Gross	Grade	2 Doz.	Gross
PH794	PH839	2	PH828	PH855
PH394	PH494	3	PH834	PH861
PH795	PH840	4	PH829	PH856

Any 2 Dozen package, above, Your Cost Each **17c**

Any Gross package above, Your Cost Each **57c**

Glossy 2 1/4 x 4 1/2" Velvet

2 Doz.	Gross	Grade	2 Doz.	Gross
PH796	PH841	2	PH830	PH857
PH395	PH495	3	PH835	PH862
PH797	PH842	4	PH831	PH858

Any 2 Dozen package, above, Your Cost Each **17c**

Any Gross package above, Your Cost Each **76c**

Glossy 3 1/2 x 4 1/2" Velvet

2 Doz.	Gross	Grade	2 Doz.	Gross
PH798	PH843	2	PH832	PH859
PH396	PH496	3	PH836	PH863
PH799	PH844	4	PH833	PH860

Any 2 Dozen package, above, Your Cost Each **21c**

Any Gross package above, Your Cost Each **89c**

Glossy 3 1/4 x 5 1/2" Velvet

2 Doz.	Gross	Grade	2 Doz.	Gross
PH818	PH845	2	PH823	PH850
PH792	PH837	3	PH822	PH849
PH819	PH846	4	PH824	PH851

Any 2 Dozen package, above, Your Cost Each **21c**

Any Gross package above, Your Cost Each **95c**

Glossy 5 x 7" Velvet

1 Doz.	1/2 Gross	Grade	1 Doz.	1/2 Gross
PH820	PH847	2	PH826	PH853
PH793	PH838	3	PH825	PH852
PH821	PH848	4	PH827	PH854

Any Dozen package above, Your Cost Each **21c**

Any 1/2 Gross package above, Your Cost Each **95c**

Genuine Leather Photograph Album



A genuine leather-covered 50-paged 7 by 11 inch photograph album. Made so as to permit more leaves to be added at any time. Has rich silk tasseled cord binding. Title "Photographs" stamped in gold on front cover. Leaves are black. Makes a handsome protecting book for your most precious photos. PH1140—Your Cost Each **95c**
PH1141—1 Doz. Refills for above. Your Cost **19c**

PH9400—Same as above, but 10" x 12". Shpg. wt. 3 lbs. Your Cost **\$1.95**

PH9401—1 Doz. Refills for above. Your Cost per doz. **39c**

PH9402—Same as above, but 11" x 14". Shpg. wt. 4 lbs. Your Cost **\$2.95**

PH9403—1 Doz. Refills for above. Your Cost per doz. **49c**

NU-ACE Mounting Corners
For easy mounting of prints in albums. Approx. 100 in pkg. Black Only. PH9404—Your Cost Each **8c**

AGFA BROVIRA

Agfa Brovira is a fast bromide enlarging paper of splendid quality, famous for its reliability in use and for the excellence and beauty of its finished prints. Wide latitude in exposure and development.

5 x 7" Single Weight

1 Doz.	1/2 Gross	Surface	Grade
PH204	PH235	Glossy	Soft
PH205	PH236	"	Medium
PH206	PH237	"	Hard
PH207	PH238	"	Ex. Hard
PH208	PH239	Velvet	Soft
PH209	PH240	"	Medium
PH210	PH241	"	Hard
PH211	PH242	"	Ex. Hard

Any Dozen package, above, Your Cost Each **28c**

Any 1/2 Gross package above, Your Cost Each **\$1.49**

5 x 7" Double Weight

1 Doz.	1/2 Gross	Surface	Grade
PH212	PH243	Glossy	Soft
PH213	PH244	"	Medium
PH214	PH245	"	Hard
PH215	PH246	Velvet	Soft
PH216	PH247	"	Medium
PH217	PH248	"	Hard
PH218	PH249	"	Ex. Hard
PH219	PH405	Matte	Soft
PH220	PH406	"	Medium
PH221	PH407	"	Hard
PH222	PH408	"	Ex. Hard
PH223	PH409	Silk	Soft
PH224	PH410	"	Medium
PH225	PH411	Royal	Soft
PH226	PH412	"	Medium
PH227	PH413	"	Hard
PH228	PH414	"	Ex. Hard
PH229	PH415	Kashmir	Soft
PH230	PH416	"	Medium
PH231	PH417	"	Hard

Any Dozen package, above, Your Cost Each **36c**

Any 1/2 Gross package above, Your Cost Each **\$1.89**

8 x 10" Single Weight

1 Doz.	1/2 Gross	Surface	Grade
PH421	PH489	Glossy	Soft
PH422	PH490	"	Medium
PH423	PH491	"	Hard
PH424	PH492	"	Ex. Hard
PH425	PH493	Velvet	Soft
PH426	PH497	"	Medium
PH427	PH498	"	Hard
PH428	PH499	"	Ex. Hard

Any Dozen package, above, Your Cost Each **62c**

Any 1/2 Gross package above, Your Cost Each **\$3.35**

8 x 10" Double Weight

1 Doz.	1/2 Gross	Surface	Grade
PH429	PH557	Glossy	Soft
PH430	PH603	"	Medium
PH431	PH666	"	Hard
PH432	PH667	Velvet	Soft
PH433	PH668	"	Medium
PH434	PH669	"	Hard
PH435	PH670	"	Ex. Hard
PH436	PH671	Matte	Soft
PH437	PH672	"	Medium
PH438	PH673	"	Hard
PH439	PH674	"	Ex. Hard
PH440	PH675	Silk	Soft
PH441	PH676	"	Medium
PH442	PH677	Royal	Soft
PH443	PH678	"	Medium
PH444	PH679	"	Hard
PH445	PH680	"	Ex. Hard
PH446	PH681	Kashmir	Soft
PH447	PH682	"	Medium
PH448	PH683	"	Hard

Any Dozen package, above, Your Cost Each **75c**

Any 1/2 Gross package above, Your Cost Each **\$3.95**

PH449—PH684 Ivory* Soft Medium
PH450—PH685 " Hard Medium
PH488—PH687 " Hard Hard

*This is Kashmir paper, Ivory finish. All other papers are white.

Any Dozen package, above, Your Cost Each **75c**

Any 1/2 Gross package above, Your Cost Each **\$3.95**

Thermometers

Tank-type thermometer, illustrated at left, for use with developing tank or tray. Scale from 30 to 120 degrees Fahr. Rustproof, silver finish.

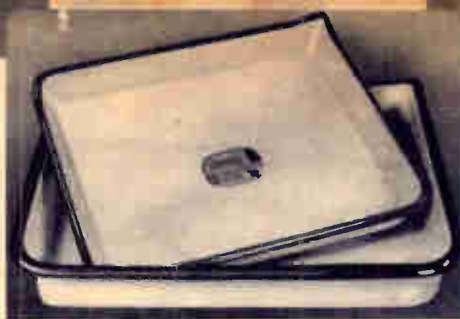
PH1127—**39c**
Your Cost.....

Stirring rod thermometer, with flattened end for crushing and stirring chemicals. Reads from 20 to 180 degrees, Fahr. **59c**
PH165—Es.....

Bamboo Print Tongs



Water resisting print tongs that are easy to handle. Stamped for "Developer" or for "Hypo".
PH1418—Marked "Developer"
PH166—Marked "Hypo" **12c**
Your Cost, Either Type.....
Per Pair.....21c



Heavily Enameled Photo Trays

Made of one-piece entirely seamless sheet of steel with well rounded corners and handy pouring lip. Triple coated acid-resistant porcelain enamel. Extremely sturdy, practical and easy to empty and keep spotlessly clean. Every amateur of photography will want these non-chipping trays. Ample depth in all sizes. The best tray on the market. Fine for all dark room applications and will give years of service.

Stock No.	Plate Size	Shpg. Wt.	Your Cost
PH150	5" x 7"	—1 lb.	39c
PH151	8" x 10"	—2 lbs.	69c
PH180	10" x 12"	—2 lbs.	89c
PH179	11" x 14"	—3 lbs.	\$1.19

Acid
Alkali-
Proof



Ebonite Photo Trays

These fine trays of molded Ebonite go far toward bettering your dark-room technique. Won't dent, not affected by chemicals; rounded corners and convenient pouring lip. Built for hard usage, they make for the type equipment a good operator needs. **23c**
PH155—4 1/2 x 6 1/2"
Your Cost.....

Viscose Squeegee Sponges



For drying negatives. Dries excess moisture by passing film through sponges at light pressure. Will not scratch. Reduces drying time very substantially. Extremely high water absorption. Spring steel handle. **1.00**
PH1148—POSTPAID IN U.S.A.
Your Cost.....

Print Rollers



Roller of highest grade live rubber on hard wooden base 1" diameter. Length of rollers, 6 and 4 inches. Solid all metal frame, unbreakable handle. Self centering bearings. **39c**
PH169—6" roller. Shpg. wt. 1 lb.
Your Cost.....
PH147—4" roller **29c**
Your Cost.....

Glass Graduates



Crystal clear heavy glass with graduations molded in. Deep pouring lip.

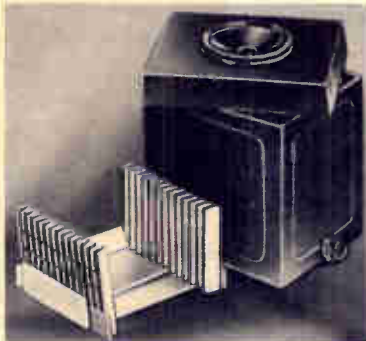
Stock No.	Capacity	Your Cost
PH162	4 oz.	14c
PH163	8 oz.	17c
PH164	16 oz.	29c
PH148	32 oz.	59c

New! W'S ENLARGING EASEL



The greatest value in a precision made enlarging easel. Rigidly constructed of metal—no wood parts to warp or split. Features include: Adjustable extra wide Slides; White Focusing Surface; Locking Device for secure alignment of marginal controls and sliding arms. Will make enlargements up to 11x14". Holds paper perfectly flat during exposure—and provides clean white margins on the print. Features usually found only in enlarging boards selling for considerably more than our low price. Shpg. wt. 6 lbs. **PH9300—\$3.59**
Your Cost, Special.....

ELKAY Adjustable Tank



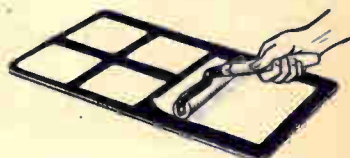
The Elkay adjustable rapid-loading tank develops, washes, and fixes in daylight. Solution contacts all films evenly—bubbles will not form on the negatives. Plug at base quickly drains without tilting or turning the tank. Loads a dozen negatives at one time. Negative holders are made of stainless steel. They can't erode and ruin your developing solutions. Holders fit accurately spaced grooves made to accommodate 6x9 cm. 2 1/4 x 3 1/4", 3 1/4 x 4 1/4", 9x12 cm. and 4x5" negative sizes. Negatives are placed in the holders thru a foolproof fixture that prevents any errors in loading. Tank cover is absolutely fog-proof. Body of tank made of cast vulcanite which is unaffected by chemical solutions; acid and alkali proof. Wt. 5 lbs. Shipped Postpaid in U.S.A. **\$6.75**
PH9251—Your Cost, Complete



35 MM Tank

A light-tight developing tank made of heavy durable bakelite. Self-feeding grooved reel insures loading of film without endangering negatives. Funnel shaped aperture on top to facilitate filling, and side vent for emptying. Agitator rod to rotate reel, the center core of which is hollow to permit insertion of a thermometer. The reel will take a full 36-exposure Film Roll. Use of this tank speeds up developing, permits operation in full daylight and minimizes possibility of scratching or otherwise damaging the negative. Shpg. wt. 3 lbs. **PH9250—\$2.79**
Your Cost.....

Ferrotyp Plates



Heavy gauge metal plates of either highly polished black enamel or gleaming chromium plate. Will turn out beautiful, lustrous glossy prints. Chromium plates need no polishing. Merely clean with warm soapy water and rinse. Shpg. wt. each 1 lb.

ENAMEL		CHROMIUM		
No.	Each	Size	No.	Each
PH158	15c	10x14"	PH160	\$0.75
PH1386	39c	12x17"		
PH1385	49c	14x20"	PH161	1.48

Ferrotyp Polish
PH1177—4 oz. bottle. Your Cost.....21c

DeLuxe Trimming Boards



Will cut prints, films and cardboard. Adjustable spring holds blade upraised. With ruled hardwood tables. **\$2.24**
PH1200—6" blade. Shpg. wt. 5 lbs. Your Cost.....
\$2.69
PH1201—8" blade. Shpg. wt. 6 lbs. Your Cost.....
\$3.29
PH1202—10" blade. Shpg. wt. 7 lbs. Your Cost.....
\$5.39
PH1203—12" blade. Shpg. wt. 8 lbs. Your Cost.....
\$9.98
PH1204—15" DeLuxe, brown mahogany table. Shpg. wt. 12 lbs. Your Cost.....

Metal Trimming Board



Stamped from heavy gauge steel with attractive lacquer finish. Cutting edge 6 1/2" long. Spring tension on blade—blade is self-sharpening. Graduated ruler. Easy to grip handle. A real quality trimmer at an exceptional price. Shpg. wt. 4 lbs. **PH157—\$1.05**
Your Cost.....

LAFAYETTE MOTION-PICTURE EQUIPMENT



16 MM Camera

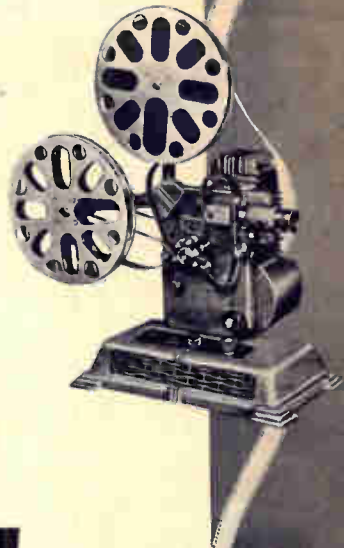
Ultra smart in appearance, this model embodies more expensive model features, such as: magazine loading; no fogging; can be loaded in daylight; hi-speed F:4.5 achromatic lens; optical spy-glass view finder; footage indicator; lowest maintenance cost—actually less than a snapshot camera; powerful spring motor. Attractively finished in black and chromium and provided with a carrying strap.

PH656—Less Film. **\$11.79**
Your Cost
Cowhide Carrying Case. **\$1.90**
PH9601—Your Cost
Suedette Carrying Case **95c**
PH657—Your Cost

8 MM Projector

Embodies following quality features: easy loading and threading; pre-focused 250 watt lamp; forced draft ventilation; 200 ft. film capacity; 15 minutes of continuous projection; hi-speed micro-matic lens; hi-speed motor rewind; variable speed control; tilting and framing devices; fan type shutter; separate switches for motor and lamp; 200 ft. film capacity. Brown crackle and chromium finish. With bulb, cord and plug and 1 reel. For 110 V., 50-60 cycles A.C. **\$16.69**
PH662—Your Cost

Same as above, but for 110 V. A.C. or D.C. **\$18.95**
PH663—Your Cost
Sturdy Carrying Case for above. PH9800—Your Cost\$5.79



16 MM Film Packs

Including processing and Reel.

Standard Film

Stock No.	Feet	Your Cost
PH658	30	\$0.89
PH659	40	1.19
Supersensitive Film		
PH660	30	1.69
PH661	40	1.98
DufeyColor Film		
PH2800	30	3.79
PH2801	40	4.69

16 MM Projector

Similar to above, but for 16 mm films. With 250 W. lamp. For 110 V. 50-60 cycles. **\$16.69**
PH664—Your Cost
As above but for 110 V. A.C.-D.C. PH665—Your Cost\$18.95
PH9801—Sturdy Carrying Case for above. **\$5.79**
Your Cost

All of above merchandise sent postpaid in U.S.A.

LAFAYETTE

DARKROOM

Economy

Dark Room Outfit

There's loads of fun in developing and printing your own negatives—why not start with this especially low priced outfit? It's complete, easy to use and comes with detailed instructions. Even if you know nothing about developing or printing of pictures, the instruction book furnished will supply you with all the information needed to make satisfactory negatives and prints. A small investment of time and money will open new worlds of entertainment for you, besides making you adept at developing and printing your own pictures. The knowledge and experience gained will come in handy later for more difficult work, such as enlarging, etc.

The kit contains:

Quan.	Type	List
3	4x6" Enamel Trays	60c
1	2 1/2x4 1/4" Print Frame	40c
1	Thermometer	30c
1	Ruby Bulb	25c
4	M.Q. Tubes (developer)	20c
1	4 oz. Graduate	20c
20	2 1/2x4 1/2" Printing Paper	20c
1	1/2 lb. Box Acid Fixer	15c
1	Glass Stirring Rod	5c
1	Instruction Book	10c
		Total Value \$2.45

Completely Boxed. Wt. 5 lbs.
PH1192 **\$1.89**
Your Cost



"De-Luxe" Dark Room Outfit

Contains everything necessary for making finished prints, including equipment for ferrotyping or glazing the print. Especially assembled for the advanced amateur, but even the beginner will encounter greater ease in successfully employing the apparatus.

Outfit Comprises:

1	3 1/2x5 1/2" Metal Printing Frame
1	Special Flat Thermometer
3	4x6" Enamelled Trays
1	Film Washer
1	Large Ruby Darkroom Bulb
2	Print Tongs (1-red, 1-black)

All in neat cardboard box. Shpg. wt. 9 lbs.
PH1194—Lafayette DeLux Kit **\$4.49**

2	10x14" Squeegee Plates
1	4" Deluxe Print Roller
6	M.Q. Tubes (developer)
1	8-oz. Glass Graduate
1	Glass Stirring Rod
1	3-oz. Bottle Squeegee Polish
1	Flannel Cloth
20	3 1/4x5 1/2" Sheets Printing Paper
1	1 lb. Box Acid Fixer
2	Stainless Steel Clips
1	Exposure Record—Guide Book
1	32 page Book "Amateur Photography"

Total List Price.....\$6.65

\$4.49
Your Cost

OUTFITS

"Junior"

Once you've begun to do your own developing and printing you'll realize that there's a great amount of pleasure to be derived from this work. You'll be surprised at the personal satisfaction in getting a fine finished positive. The Junior outfit provides a wider range of working facilities than the "Economy" kit, and is especially designed for those desiring a good, all-round outfit. Two books are included, one covering the field of amateur photography, the other containing exposure details. Contents:

Quan.	Description	List
1	3 1/4x5 1/2" Metal Printing Frame	75c
1	Special Thermometer	75c
3	4x6" Enamel Trays	60c
1	1 lb. Box Acid Fixing Powder	25c
5	M.Q. Tubes (universal developer)	25c
1	Ruby Bulb	25c
20	3 1/4x5 1/2" Printing Paper	25c
1	4 oz. Glass Graduate	20c
1	Glass Stirring Rod	5c
2	Stainless Steel Clips	15c
1	Exposure Record Book	15c
1	32 Page Book "Amateur Photography"	25c
Total List Price.....		\$3.95
In attractive cardboard box. Shpg. wt. 6 1/2 lbs.		\$2.69
PH1193—Your Cost		

"SENSATIONAL"

is a mild word
for values like these-



the famous name camera
that's clicking everywhere

VOIGTLANDER

AT A NEW LOW

\$12.95



**F:6.3
BRILLIANT
Camera**

- Mirror Finder—Retractable Type
- F:6.3 VOIGTAR Anastigmat Lens
- Special "Needle" Focussing
- Single Delayed Action Shutter

A marvellous value in a precision camera,—with characteristics found only in more expensive apparatus,—with characteristics a pressure plate for fool-proof photography. Easy loading and in-unique mirror finder which shows clearly and brilliantly the subject of the photograph. Retractable finder hood, which when pressed back provides an efficient sports frame finder, which when focussing assured by the Voigtlander, "needle" focussing, arrangement, which permits setting for "Portraits", "Groups", or "Landscapes" with ft. measurements. Employs a Voigtar F:6.3 anastigmat lens, mounted in a Delayed Action shutter providing 1/25th, 1/50th, 1/100th second, time and bulb. Stops down from F 6.3 to F 22. Takes 12 pictures 2 1/4 x 2 1/4" on standard 120 roll film. Automatic Winding Key prevents turning film too far, and an Automatic Film Counter shows number of exposures taken. Also has tripod socket. Housed in a leather trimmed metal case. With shoulder strap, cable release and full instructions.

PH1510—Shpg. wt. 4 lbs. **YOUR COST**..... **\$12.95**

PH9604—Cowhide Carrying Case for above. **YOUR COST**..... **\$12.95**

Filter Mount and Filters for above see Page 179. Stock No. PH9204, and PH9504 thru PH9507. **YOUR COST**..... **\$3.95**



**SPECIAL
PLATE
CAMERA**

- For Plates, Cut Film or Film Pack
- Anastigmat F:4.5 Lens
- Delayed Action Compur Shutter
- Double Extension Bellows
- Ground Glass Focussing
- Horizontal and Vertical Lens Movement

An ideal precision-built camera for the serious worker in all branches of photography. We obtained the entire stocks of several famous makes for sale to you at these astounding prices. Speeds from 1 to 1/200th of a second. Furnished with ground glass back, three plate holders and film pack adapter. Shpg. wt. 5 lbs.

PH1508—9x12 cm. Double Ext. Bellows **\$31.95**
YOUR COST.....

PH1509—6x9 cm. (double ext. bellows) **\$29.95**
YOUR COST.....

PH1511—9x12 cm. (single ext. bellows) **\$24.95**
YOUR COST.....

PH1512—6x9 cm. (single ext. bellows) **\$19.95**
YOUR COST.....

PH9602—Heavy cowhide velour-lined carrying case, with shoulder strap for 9x12 size cameras. **\$3.95**
YOUR COST.....

PH9603—Same as PH9602 but for 6x9 size camera. **\$3.95**
YOUR COST.....



FEX

Lightweight camera in sturdy all-molded case. Takes 8 pictures 1 3/8" x 2 1/2" on 127 film. Fexar F.8 finely ground lens. Bed shutter release for instantaneous and bulb action. Streamlined case provided with neck strap eyelets (no strap). Eye-level finder. Tripod socket. Made in Czecho-Slovakia. **\$1.79**

PH1501—YOUR COST.....

Optical view finder for above. Attaches easily. **YOUR COST**.....

PH9203—YOUR COST..... **39c**

Lafayette

11 TUBE A.C.

THREE BAND

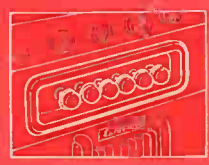
Superhet

here's
Sensational
Value
at phenomenally low cost

- New Electrical Touch Tuning
- Three Bands, 13.3 To 562 Meters
- Push-Pull Beam Power Tubes Full 10-Watts Audio Power
- 12" Symphonic Dynamic Speaker
- Cathode Ray Tuning Indicator
- Beautiful Two-Tone Console



\$34.95



Automatic Electrical Push-Button Tuning. Select any one of your favorite stations in a jiffy.

HERE'S radio styled to the minute! Here's performance sensationally fine—tone that will be the talk of the town. When you see and hear this stunningly beautiful console you'll be amazed that such a superb instrument can be priced so low. Consider the VALUE facts outlined below, then look again at the price. Yes, this Lafayette 11-Tube Console Grand costs you only \$34.95 (while our limited supply lasts). **ELECTRIC TOUCH TUNING**, not mechanical, permits instant selection of any one of your five favorite stations at the touch of a button. Literally "child's play" to quickly and accurately get your station. **THREE BANDS, 13.3 TO 562 METERS** permit world wide reception from the far corners of the earth. The tuning range covers police, amateurs, aircraft, weather reports, overseas reception and, of course, the network of famous American broadcast stations. Ranges are: 13.3 to 51, 48 to 136, and 174 to 562 meters. **SLIDE-RULE DIAL** has each band individually calibrated so that critical tuning can easily be accomplished. Scale is well illuminated. **CATHODE RAY "EYE" INDICATOR** (6U5 tube) simplifies tuning by affording visual control of the dial settings. You merely tune until the dark sector in the "eye" is narrowest, and the station is received with maximum efficiency.

AMAZING NEW TONE • BRILLIANT NEW STYLE

PUSH-PULL BEAM POWER TUBES in the final output stage provide fully 10-watts of audio power—more than enough to fill the largest home with crystal clear tones. Tubes used are: 1-6K8, 1-6D6, 1-6Q7G, 4-76's, 2-6V6G beam power tubes, 1-80 and 1-6U5 "eye" tube. **12" SYMPHONIC DYNAMIC SPEAKER** reproduces every note with amazing fidelity. You imagine yourself in the studio when you listen to its perfect tones. **"BATTLESHIP CONSTRUCTION"** insures durability. The heavy gauge, cadmium plated chassis measures 22 1/4 x 10 x 8 1/2" and all components are of the finest quality. Transformers, filter condensers, coils, etc. are designed to withstand great overloads. Other features include: dual automatic volume control; automatic tone compensation; bass-treble control. **HANDSOME TWO-TONE CONSOLE**, built of walnut veneers with light walnut inlay, will grace the finest home. Cabinet is 41" high, 26 3/4" wide, 13 7/8" deep.

MODEL C-38

Lafayette 11-Tube 3-Band A.C. Console complete with tubes. For 110 volts, 50/60 cycles a.c. Shpg. wt. 80 lbs. Code CABCE. **List Price \$78.95. YOUR COST \$34.95**

For universal operation on 117, 135, 220 and 250 volts, 40/60 cycles a.c., add \$3.00 to above price.

STARTLING RECEPTION • VITAL NEW FEATURES