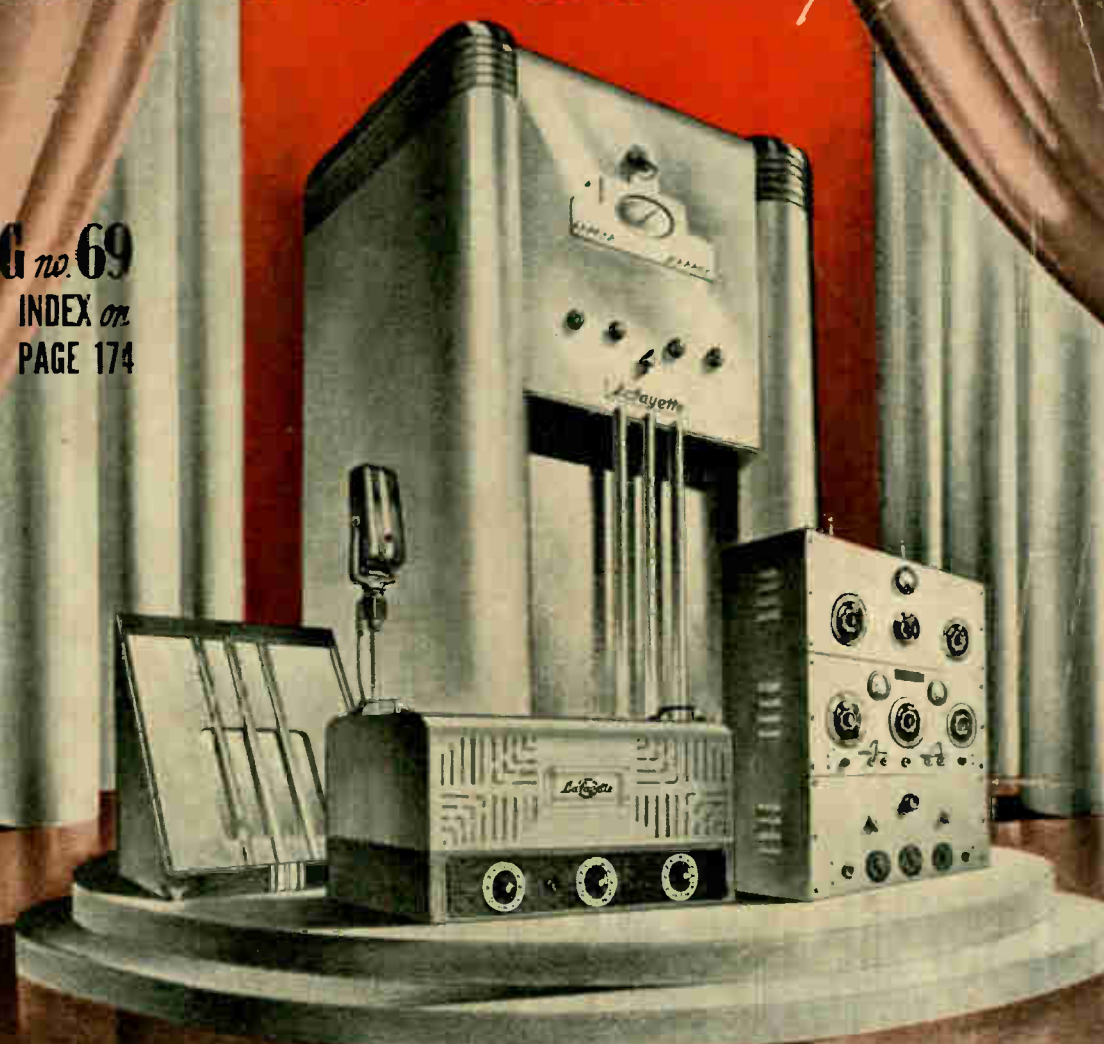


LAFAYETTE

Radios and Sound Systems

CATALOG no. 69
1938 ★ INDEX on
PAGE 174



WHOLESALE RADIO SERVICE CO. ^{INC.}
NEW YORK, N. Y. CHICAGO, ILL. ATLANTA, GA.
100 SIXTH AVENUE 901 W. JACKSON BLVD. 430 W. PEACHTREE ST., N. W.
BOSTON, MASS. BRONX, N. Y. NEWARK, N. J. JAMAICA, L. I.
110 FEDERAL STREET 542 E. FORDHAM RD. 219 CENTRAL AVENUE 90-08 166th STREET

6 TUBE A.C. 3 Band Superhet

A WONDERFUL VALUE

In Any Language

LAFAYETTE, known the world over for its exceptional values, outdoes itself in this instance. In the face of increased costs, the price of this sterling receiver has been lowered to a "give-away" figure. A glance at the illustration shown, plus an examination of the features embodied in its construction, will suffice to prove that for quality, economy and value this set has no equal.

SIX TUBES GIVE NINE TUBE PERFORMANCE

By using the latest tubes, including several "twin" purpose types, results equal to those heretofore obtained only in 9-tube sets have been obtained. Tubes used include: 1-6A7 detector and oscillator, 1-6D6 i.f. amplifier, 1-6Q7G combined second detector, a.v.c. and audio tube, 1-6V6G "beam power" output tube, 1-80 rectifier and 1-6G5 cathode ray tuning indicator.

HIGH QUALITY 12" DYNAMIC SPEAKER

An excellent electro-dynamic speaker, having a 12" cone diameter, is used to reproduce the audio output. There is absolutely no hum, distortion or rattling, even when full power is used.

CATHODE RAY TUNING—"BEAM POWER" OUTPUT

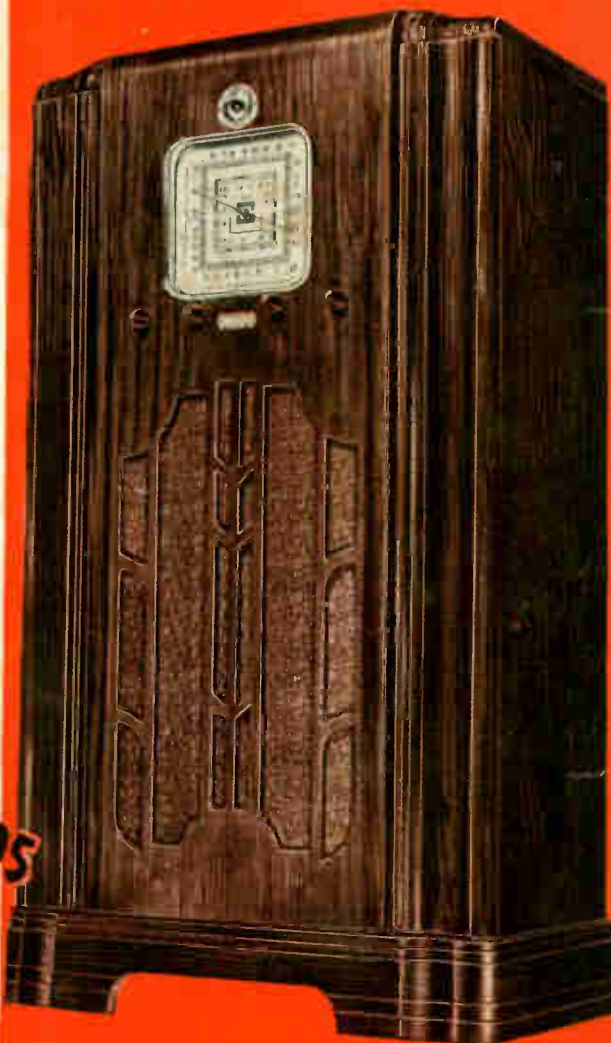
A 6G5 cathode ray tube acts as a tuning indicator, and makes critical tuning simple. It is only necessary to tune until the "eye" is as far closed as it will go, and the station is perfectly tuned. A 6V6G "beam power" tube in the power output stage provides more than sufficient volume for all practical requirements.

THREE TUNING BANDS—ALL-WAVE

The tuning range is split up into three separate bands, providing all-wave coverage. Bands are: from 16.7 to 60 meters; from 60 to 187.5 meters; from 176.5 to 545 meters. Stations from all over the world are within this range; European broadcasts, amateurs, police calls, airplane signals and many others, as well as the standard American broadcasts, can be brought in.

LARGE CALIBRATED TUNING DIAL

The modern styled rectangular dial measures 6x6 1/2". Each band is individually calibrated and a double edge pointer is used. Regular short-wave and broadcast channels are clearly indicated.



\$26.95



LAFAYETTE
ROUND-THE-WORLD
RADIOS

AUTOMATIC VOLUME AND TONE CONTROLS

The powerful a.v.c. circuit minimizes fading when distant stations are tuned, and prevents inter-station blasting. A smooth acting tone control permits variation of the high frequency response as desired. Bass notes can be fully emphasized.

LARGE CONSOLE CABINET

The attractive console cabinet is designed in the modern manner to go with practically any set of furniture. Hardwood walnut veneers are blended to the advantage. Side pillars, raised base, and neat grille front enhance the over-all appearance.

MODEL D40

Lafayette 6-Tube A.C. Superhet, complete with tubes. In console cabinet 36 3/8" high, 21 1/4" wide, 11" deep. For 110-120 volts, 50-60 cycles a.c. Shpg. wt. 43 lbs. Code WESNA. List \$53.90.

YOUR COST **\$26.95**
Same as above, but for 220 v. operation, add \$3.00
Special Lafayette All-Wave Asia kit. Use for best shortwave reception. **\$2.25**
K16-79—YOUR COST

FOREIGN RECEPTION GUARANTEED

Lafayette 5 TUBE

with EXTENDED BAND

OPERATES ON AC OR DC

Just the set for that vacation trip, the traveler, the kitchen, bedroom, den or wherever an efficient, inexpensive second set is desired. There is no current problem with this little wonder—plug it into any 110-volt socket without worrying whether the current is a.c. or d.c. It functions equally well on either. Performs like a charm and presents an eye-filling appearance. Nothing approaches it at this price.

PENTODE POWER OUTPUT TUBE

A tuned radio frequency circuit, which has proved its reliability through the years, employs five latest type tubes: a 6C6, 6D6, 43 pentode power output tube, 25Z5 rectifier and a C-9286 ballast tube which does away with the "hot cord" problem of the past.

EXTENDED BROADCAST BAND

The tuning range covers an extended band from 176 meters to 545 meters. This covers all standard American broadcast stations as well as many police calls. Tuning is simplified by a frequency calibrated, illuminated dial which is gold-finished as an attractive background for the etched, black numerals. Kilocycles are read at a glance making tuning a simple matter.

HAS BUILT-IN AERIAL

It contains its own aerial. Merely unroll it, stretch it behind any convenient piece of furniture and tune in. AN ELECTRO-DYNAMIC SPEAKER reproduces the amplifier output with amazing clarity and fidelity.

MODEL FS16

Lafayette 5-tube, ac.-dc. extended band, t.r.f. receiver complete with all tubes and built-in aerial. For operation on 110 volts a.c. or d.c. Size, 7 $\frac{3}{4}$ " high, 12 $\frac{1}{2}$ " wide, 6" deep. Shpg. wt. 10 lbs. Code, FALCO. List Price \$17.90.

YOUR COST **\$8.95**

EUROPEAN MODEL FS-15. As above, but with additional band covering 800-2100 meters. Code, FURRY.

List Price \$21.00. YOUR COST **\$10.45**

Adaptor cord for 220 v. operation, add.....75c



\$ 8⁹⁵

Lafayette 6 TUBE

ACDC 2 Band SUPER

STURDY-CAPABLE-
AT A MATCHLESS PRICE!



\$ 13⁹⁵

THIS little 6-tube, ac.-dc. superheterodyne will provide you with many hours of pleasurable entertainment. It incorporates in its circuit many of the features found only in sets selling at much higher prices—it is a fitting adjunct to the Lafayette Value line. Try one in your own home—our 30-day Free Trial Offer places all responsibility on our shoulders.

PLUG IT IN ANYWHERE

Its power unit is designed to operate on any 110-volt source, either a.c. or d.c. This means that you can take the set with you wherever you go and be assured of your own radio reception when you get there.

DYNAMIC COUPLED AMPLIFIER

Six of the latest type tubes, including a twin purpose output tube, are used in the powerful superhet circuit. These are: a 6A7, 25Z5, 6D6, 6Q7G, 25B5 and L42B. The 25B5 is a special dynamic coupled amplifier that provides great audio output. A matched 5" electro-dynamic speaker efficiently reproduces the set output with brilliant clarity.

OFFERS EUROPEAN RECEPTION

Two tuning bands cover from 48.5 to 131 and from 173 to 555 meters and offer amateur, police, aircraft, foreign and American broadcasts. AUTOMATIC VOLUME CONTROL is an added feature the DX fan will appreciate.

MODEL D23

Lafayette 6-tube ac.-dc. superhet complete with tubes. For 110 volts a.c. or d.c. Size, 12" wide, 8 $\frac{1}{2}$ " high, 7 $\frac{3}{4}$ " deep. Shpg. wt. 15 lbs. Code, WAITE.

List Price \$27.90. YOUR COST **\$13.95**

220-volt adaptor cord, add75c

Lafayette All-Wave Aerial Kit. For better reception of short-wave stations. Easy to install. **97^c**

K16480—YOUR COST.....

Entire contents of this catalog copyrighted, 1937, by Wholesale Radio Service Co., Inc., Printed in U.S.A.

IT PAYS TO BUY A Lafayette



Ours

4 CATALOGS IN 1

WHEN you receive a Wholesale Radio Service Co. catalog, you get **FOUR** complete catalogs in one.

FIRST: A complete radio set section listing over 50 models for every purpose and for every purse.

SECOND: A complete Public Address section listing amplifiers and systems for every possible requirement. The finest P.A. line in the world — priced to save you money.

THIRD: A complete Amateur sections, listing Ham receivers and parts of every description.

FOURTH: A complete Serviceman's parts section. Over 15000 items, including thousands of special **WHOLESALE** bargains.

SEVEN GREAT BRANCHES

NEW YORK, N.Y.

CHICAGO, ILL.

ATLANTA, GA.

BRONX, N.Y.

NEWARK, N.J.

JAMAICA, L.I.

and BOSTON, MASS.

is a *pioneering* *leadership*

FOR seventeen years WHOLESALÉ has blazed New Trails to Greatness. The hundreds of thousands of discriminating buyers from Boston to Bali, from Key West to Kazan who have "gone WHOLESALÉ" lock, stock and barrel, stand in tribute to a magnificent spirit—the spirit of WHOLESALÉ'S pioneering leadership.

SUPER-DISTRIBUTING SYSTEM

Service has been a Wholesale ideal. With that ideal our doors were opened back in 1920—small then, unknown, pioneering! Today our three giant central distributing points are the arteries from which thousands of shipments flow daily to the corners of the earth. Four local salesrooms (the newest recently opened in Boston to meet the New England demand) have been established for your added convenience. Feel free to come into any one of WHOLESALÉ'S branches—discover for yourself the vastness of the WHOLESALÉ line, note the superior quality of more than 50,000 tested radio items, watch as the Largest Radio Supply House in the World moves swiftly, easily to fill your every need. Amazing? Perhaps, but pioneering built this super-distributing system.

WE WILL NOT BE UNDERSOLD

In the whole inspired history of WHOLESALÉ, we have never cut prices—we have made them! Pioneering where others dare not tread. So determined is WHOLESALÉ to cling to this policy that all we ask is to be shown a lower price and we will meet it.

RAPID DELIVERY SERVICE

"Lightning" is the word for WHOLESALÉ'S Super-Service! It knows no boundaries. We might have let another lay claim to "rapid delivery," but there again we pioneered. WHOLESALÉ spares not time nor effort to serve its customers. Should circumstances beyond our control ever delay a shipment, the purchaser is notified immediately, given the reason for delay, the hour of shipment.

Our modern Teletype system connecting completely stocked warehouses in the important centers of the country puts "WHOLESALÉ" at your elbow, wherever you are.

SPECIAL ORDER DEPARTMENT

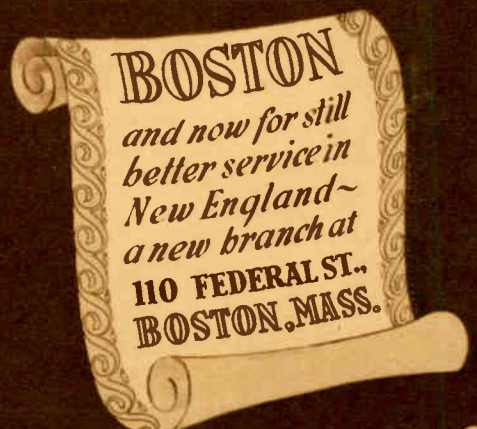
Hard-to-get items, emergency gadgets, nationally advertised receivers, whatever it is—we have it for you! Why "split" your order, when we can get it for you on time and with money saved! Our watchword is "Everything you need in radio!"

LABORATORY TESTING

You buy with confidence at "WHOLESALÉ!" We don't trust to luck. Expensive testing equipment and trained engineers make sure of that! No product is listed until it has passed exacting tests. Even the most minute part is tested scrupulously before it goes out to you! A costly system we might do without—but WHOLESALÉ'S is a Pioneering Leadership.

30-DAY FREE TRIAL!

Our famous guarantee still holds: Order any Lafayette receiver—put it through its paces right in your own home—take a full 30 days to decide that it is the best set your money can buy—that it more than "fills the bill." But if, for any reason, you are not delighted with your choice, you may return the set any time within 30 days and your money will be cheerfully refunded (transportation charges are, of course, excluded). This is the most liberal guarantee ever offered—the hallmark of a Pioneering Leader.



TAKE it with you wherever you go—plug it in anywhere—this set operates on either a.c. or d.c. (110 volts). It features all the latest circuit refinements too, and it's priced to defy all competition. You'll take pride in the ownership of this sterling little 7-tube a.c.-d.c. superhet.

POWERFUL SUPERHETERODYNE

The sensitive superhet circuit makes use of seven of the most modern type tubes, including two twin purpose tubes, so that results are comparable with those previously obtained only in 9-tube receivers. Tube complement includes: 1-6A7 (twin tube, 1-6D6, 1-6Q7G, 1-25B5 (twin output tube), 1-25Z5, 1-L42B and 1-6G5 cathode ray tuning indicator.

VISUAL TUNING INDICATOR

Anyone, no matter how inexperienced, can make critical adjustments of the tuning mechanism because of the miracle "eye". You need only turn the tuning control until the "eye" is as far closed as possible, and there's your station, tuned to perfection. "Eye" is in the dial.

DYNAMIC SPEAKER

A high grade electro-dynamic speaker efficiently handles the set output without rattling or distortion.

TWO TUNING BANDS

Two bands cover from 48.3 to 131.5 meters; from 173 to 555 meters. Thus, popular European broadcasts are brought in, as well as the American broadcasts, amateur and police calls, aircraft signals, etc.

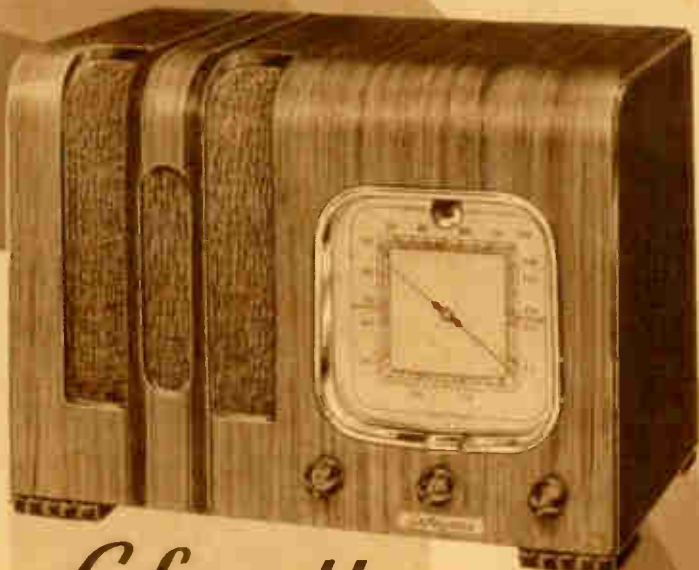
Other features include: large metal dial with individually calibrated bands; powerful automatic volume control circuit that minimizes fading; bakelite knobs.

Receiver is housed in an attractive walnut cabinet. Two-tone veneers are used in a blended ensemble that presents a perfect picture—one that is sure to please.

MODEL D48

Lafayette 7-Tube A.C.-D.C. Super with tubes. For 110 volts, a.c. or d.c. Size: 12½" wide, 9¼" high, 8" deep. Shpg. wt. 15 lbs. Code WABLE. List \$31.90.

YOUR COST.....\$15.95
220 Volt Adapter Cord 75c additional.



Lafayette
7 TUBE A.C. D.C.
2 BAND SUPER

\$15.95

AC-DC
Operation

PLUG-IN

ANYWHERE

Lafayette
7 TUBE A.C. D.C.
3 BAND SUPER

THIS Lafayette 7-tube a.c.-d.c. mantel-type superheterodyne incorporates every feature sought after by the discriminating set purchaser. Its tone is superb, it employs the new tuning "eye", it has an electro-dynamic speaker, provides European reception, is a handsome piece of furniture—and it is priced amazingly low.

SENSITIVE AND SELECTIVE

To assure long distance reception and hair-splitting selectivity, full use is made of the very latest superhet circuit. Its seven tubes include: a 6A7, 6D6, 75, 43 pentode output tube, 25Z5, L-42C ballast and a 6G5 cathode ray tuning indicator.

VISUAL TUNING "EYE"

The type 6G5 cathode ray tuning "eye" permits accurate visual tuning. You merely adjust the tuning until the dark sector in the "eye" is narrowest.

ELECTRO-DYNAMIC SPEAKER

A matched electro-dynamic speaker, fed by the pentode output tube, efficiently handles the power output. Tone quality is exceptionally good.

BRING IN THE WORLD

The three tuning bands cover from 18 to 55,60 to 175 and 175 to 555 meters, bringing in European broadcasts, amateur and police calls, aircraft signals, American broadcasts and countless others.

LARGE "COLOR-MATIC" DIAL

The large etched metal dial has colored indicators that show at a glance the band in use. Each indicator is illuminated when the corresponding position on the band switch is used.

MODEL BA19

Lafayette 3-Band A.C.-D.C. Superhet. For 110 volt operation. Complete with tubes. Size: 16" wide, 9¾" high, 7½" deep Shpg. wt. 23 lbs. Code CLARE. List \$44.90.

YOUR COST.....\$22.45
220 volt adapter cord 75c additional.



\$22.45

AS MODERN AS TOMORROW

Automatic tuning finds its greatest efficiency in the Lafayette Teledial. It is simpler to operate than your dial phone. A twirl of the dial with the desired button and your station is tuned in instantly and accurately. Adjusted from the front—no tools—no technical knowledge is required. Eight buttons for as many different stations. The standard dial is also furnished for conventional manual tuning.

COVERS 13-METER BAND

Three separate tuning bands cover ALL short and broadcast bands: 13.3-46, 45-154, 172-555 meters. This unusually low wave range means more foreign reception, as well as the customary amateur, police, aircraft and ship broadcast stations.

AUTOMATIC VOL. CONTROL

A sensitive superhet circuit employs seven multi-function tubes: a 6A8G, 6K7G, 6H6G, 6F5G, 25Z5, 140L and a 25L6G "beam" power tube. Automatic volume control minimizes fading and blasting.

HAS TONE CONTROL

More than ample power is fed into a wide-range electro-dynamic speaker which is capable of thrilling reproduction. A tone control provides bass or treble emphasis.

EYE-FILLING CABINET

Its table model cabinet is a revelation of beauty, and distinction. Three tones of rubbed woods are tastefully blended in a modern design that will charm the most fastidious. Operates on either a.c. or d.c.

MODEL EB66

Lafayette 7-tube, 3-band a.c.-d.c. mantel-type superheterodyne with tubes. For 110/120 volts a.c. or d.c. Size, 9 3/8" high, 17 3/8" wide, 9 1/2" deep. Shpg. wt. 22 lbs. Code, TULIP. List Price \$49.90

YOUR COST.....**\$24.95**
220-V. Adaptor Cord.....75c Add.

Lafayette All-Wave Aerial Kit. For best results on all bands.
K16479—YOUR COST.....**\$2.25**



\$24⁹⁵

Lafayette
7 TUBE A.C. D.C.
3 BAND SUPER



THE FIRST TIME

AT THESE PRICES!

Lafayette
6 TUBE A.C. D.C.

EXTENDED BAND BROADCAST & POLICE



\$17⁹⁵

THE Lafayette automatic Teledial spells the end of wearisome and critical tuning by eye and ear. Twirl a disc just as you do your dial 'phone and presto! the desired station is tuned in clear and sharp. A boon to the women-folk and children. Eight buttons, for as many stations, are adjusted when the set is put into operation, and require no further attention. Adjustment is made from the front, quickly and easily. A handsome 5" dial is also furnished for conventional knob tuning.

AUTOMATIC VOLUME CONTROL

Complete coverage is provided for all standard broadcast bands, police calls and many amateurs. The range extends from 114 to 555 meters. A superheterodyne circuit uses 6 modern tubes that function as 91 6A7, 6D6, 75, 43 pentode power tube, 25Z5 and 165L4. Automatic volume control insures fadeless, blastless reception.

ELECTRO-DYNAMIC SPEAKER

A modern dynamic speaker of ample proportions is capable of superb reproduction, and by use of the incorporated TONE CONTROL will provide bass or treble-emphasized output to suit the individual ear.

PLUG IT IN ANYWHERE

Plug it into any 110-volt outlet, d.c. or 50/60-cycle a.c. Results are equally excellent on direct or alternating current.

TWO-TONE CABINET

The cabinet is of striking appearance with its two-tone walnut veneers set off by contrasting inlaid lines to heighten its modernistic effect. Knobs, grille and dial blend.

MODEL EB58

Lafayette Teledial, 6-tube, ac-dc police and broadcast band, table-model superhet with tubes. For 110/120 volts a.c. or d.c. Size, 8 3/4" high, 14 1/4" wide, 8" deep. Shpg. wt. 17 lbs. Code, TENGA. List \$35.90

YOUR COST.....**\$17.95**
For 220-V. Adapter Cord add.....75c

Lafayette Aerial Kit. For better reception.
K16480—YOUR COST.....97c

7 TUBE • 2 Band

ALL the essentials of the radio set you are seeking will be found in this 7-tube superheterodyne. High power, excellent sensitivity and selectivity, cathode ray "eye" tuning are but a few of its features. And the molded plastic cabinets are unsurpassed for beauty. Available in colors that will blend with your furnishings, they'll add greatly to the smartness and style of any room.

Seven tubes, used in the sensitive superhet circuit, provide more power than will ever be needed. Tube complement comprises: 1-6A7, 1-6D6, 1-75, 1-43, 1-25Z5, 1-M49HG ballast and 1-6E5 cathode ray "eye" tuning indicator. A dynamic speaker reproduces the entire tonal range.

Foreign and Domestic Reception

Two separate tuning bands cover standard American broadcast, police, amateur, air-craft and European reception. Bands cover from 41.6 to 140 meters and from 176 to 555 meters.

The large "clock" dial, with individually calibrated bands, is protected by an unbreakable glass; provides 8:1 ratio drive. Soft edge illumination is used.

Tone and Automatic Volume Controls

A smooth acting tone control permits emphasis of the bass notes to suit the taste of the listener. Powerful a.v.c. circuit presents blasting and minimizes annoying fading on distant stations. The power supply is designed to operate on either alternating or direct current (105-125 volts). Plug it in anywhere. 7-Tube A.C.-D.C. Superhet, complete with all tubes. In molded plastic case 9x12x7 1/2". For 105-125 volts, a.c.-d.c. Shpg. wt. 15 lbs. (For 220 volt operation, add 75c.)

Model FA-10. In IVORY. Code KOBRA.
Model FA-11. In RED. Code KEMOV.
Model FA-12. In EBONY. Code KELLY.

List \$39.90. YOUR COST, ANY COLOR.....\$19.95



A.C.D.C.
SUPERHET

NEW PLASTICS
for
BRILLIANT COLOR
SPARKLING LUSTRE
DURABILITY
In tune with the Times

\$19.95

6 TUBE Lafayette Extended Band

A.C.D.C.
SUPERHET



In Colored Plastic Cabinets

Add color, cheer, charm and innumerable hours of the world's finest entertainment to your home with these beautifully colored 6-tube a.c.-d.c. superheterodynes. They are housed in molded plastic cabinets in ivory, red or black finish, with all fittings colored to match. And they're easy to keep spotlessly clean—just run a moist cloth over the surface and all dust or finger marks vanish.

Extended Tuning Range

The tuning range covers from 540 to 1735 kilocycles (173 to 555 meters). This band brings in the standard American broadcasts, and in addition, many interesting police calls. The latest type "clock" dial, having a 5:1 ratio planetary drive, is employed. Soft illumination over the calibrated scale brings out the effective coloring of the set.

"Beam Power" Output Tube Used

Six tubes are used in the powerful superhet circuit. These include: 1-6A7, 1-6D6, 1-6Q76, 1-25L6G, 1-25Z5 and 1-6-133 ballast tube. The 25L6G tube is a duo-power "Beam" output tube, providing a full 2-watts of undistorted audio power—more than enough to fill the largest apartment with music. A matched electro-dynamic speaker provides brilliant reproduction of the entire tone range.

110 Volts A.C. or D.C.

Take it with you wherever you go—plug it in anywhere. It operates on either alternating or direct current (110 volts) with equal facility. And it also has a built-in aerial. Just uncoil the roll of aerial wire—you can run it around the molding in the room, or drop the wire out the window—you'll get good reception in either case.

Automatic Volume Control

A powerful a.v.c. circuit minimizes fading; keeps volume at a constant level. Other features include: i.f. rejector that does away with annoying code interference, and attractive speaker grill.

\$16.95

Model C-3 - Lafayette 6-Tube A.C.-D.C. Superhet with tubes. For 105-125 volts. Size 7x10 1/2 x 5 1/2". Shpg. wt. 14 lbs. List \$31.90. In IVORY. Code CASPA.

YOUR COST.....\$16.95

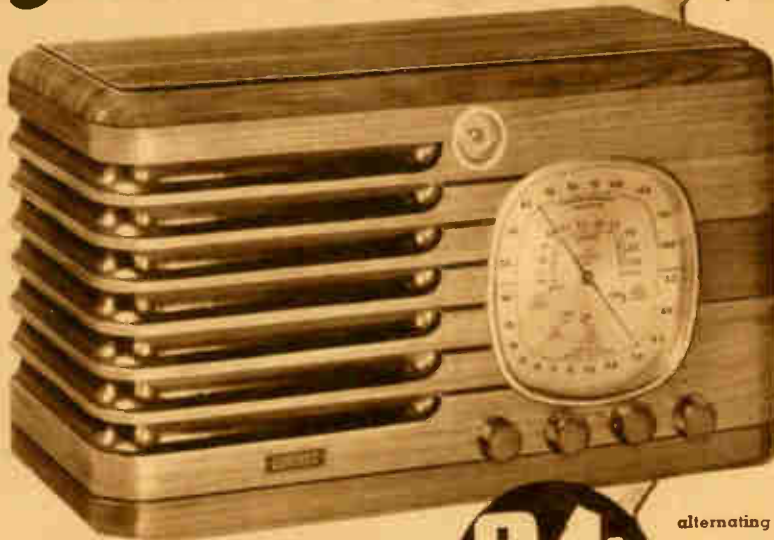
Model C-4—Same as above, but RED. Code GELBA. \$16.95

Model C-5—Same as above, but BLACK. Code GEMAE. \$15.75

YOUR COST.....\$15.75

6 For 220 volt operation, add.....75c

Lafayette 8 TUBE AC-DC 3 BAND SUPERHET



Receiver is housed in a two-toned walnut cabinet that is a joy to behold. Special "louved" speaker grill is decorative and makes a fine baffle.

MODEL BA2

Lafayette 8-Tube A.C.-D.C. Superhet complete with tubes. Size: 18 1/4" wide, 10 1/2" high, 8 1/4" deep. Shpg. wt. 25 lbs. Code, CACHE.

List Price \$49.90.

YOUR COST.....**\$24.95**

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

Lafayette All-Wave Aerial Kit.....**\$2.25**

K16479—YOUR COST.....

\$24.95

WORLD WIDE RECEPTION

The whole world of radio entertainment is yours to command when you own this superlative 8-tube all wave ac.-dc. superhet. Its three separate tuning bands cover from 18.7 to 54.6 meters, from 60 to 176.5 meters, from 187.5 to 545 meters. This range includes European broadcasts, American broadcasts, amateurs, police calls, etc.

BEAM POWER OUTPUT

Eight tubes are used in the powerful superhet circuit, including a new "beam" power output tube. Tubes used are: 2-76, 2-6D6, 1-25L6 "beam" power tube, 1-25Z5, 1-165R8 and 1-6G5. A large electro-dynamic reproducer handles the set output with great fidelity.

"TUNE EASE" DIAL

The giant dial has each band individually calibrated, and a special colored indicator shows which band is in use. The indicator works in conjunction with the band switch—you always know which band is in use. In addition, a cathode ray tuning "eye" permits visual tuning adjustments—you need only tune till the dark sector is narrowest and the station accurately tuned.

FULL TONE CONTROL

A smooth acting tone control, operated by a knob on the front panel, permits variation of the high frequency response in the manner desired by the listener.

PLUG-IN ANYWHERE

Take the set with you, wherever you go. It operates equally well on either alternating or direct current.

AUTOMATIC VOLUME CONTROL

A powerful automatic volume control minimizes annoying fading when distant or short-wave stations are tuned in. A.V.C. also prevents "blasting" by maintaining volume at a constant level. Other features include: newly designed attractive speaker baffle that provides excellent tone quality; matched knobs; high polish finish on cabinet; three-gang condenser; "oversized" filter circuit that insures hum free reception; full floating chassis, non-microphonic.

THE SEASON'S SENSATION!

The buy of a lifetime—the most amazing value on the market today. You'll never again get a bargain to equal this—you'll never get more for your money. A glance at the features listed below will convince you that our claims are founded on fact and fact alone. And remember, our liberal 30-day Free Trial offer absolves you of all responsibility.

"BEAM POWER" OUTPUT

Excellent sensitivity and selectivity, plus great power output afforded by the new type 25L6G "Beam Power" tube characterize the efficient superheterodyne circuit. Ten tubes are: 1-6D6, 1-76, 1-6F5G, 1-6A7, 1-25L6G, 2-25Z5's, 1-67A and 2-33A ballasts.

DYNAMIC SPEAKER

A high grade electro-dynamic speaker reproduces the set output with brilliant efficiency. Every tone comes to your ear clear as a bell.

SEPARATE SPEAKER RECTIFIER

One of the 25Z5 rectifiers is used in a separate speaker field rectifying circuit that insures maximum speaker efficiency at all times. Humless operation is also provided by this feature.

FOREIGN RECEPTION

Bring in European stations, as well as the standard American broadcast and amateur and police calls. The set has two tuning bands covering from 43 to 150 meters and from 176.5 to 545 meters.

GIANT TUNING DIAL

The large gold dial, measuring 6" x 5", has each band individually calibrated. Soft edge illumination is used—both attractive and practical.

AUTOMATIC VOLUME CONTROL

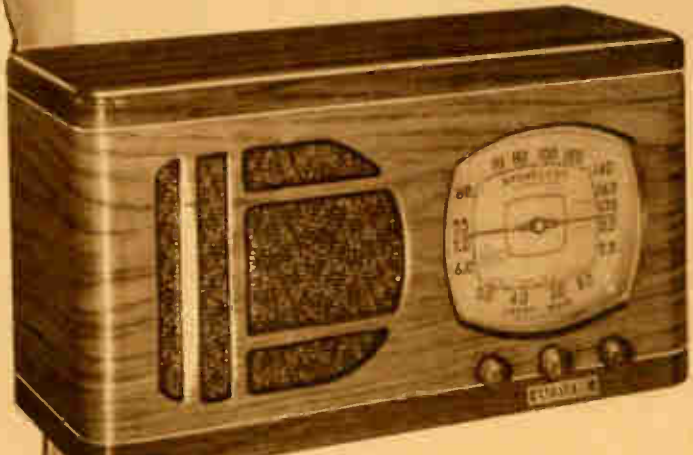
The powerful automatic volume control circuit minimizes fading on distant and short wave stations, and helps to eliminate blasting when tuning from a weak to a strong signal.

OPERATES ON A.C. OR D.C.

The set operates equally well on either a.c. or d.c. (110 volts). Take it with you wherever you go—there will be no current difficulties.

\$17.95

Lafayette 10 TUBE AC-DC SUPERHET 2 BAND



Receiver is housed in an attractive midget cabinet constructed of the finest selected walnut veneers rubbed to a high polish. Rounded side pieces enhance the effect.

MODEL FS29

Lafayette 10-Tube AC.-DC. 2-Band Super complete with tubes. Size: 16 1/2" wide, 9" high, 6 7/8" deep. Shpg. wt. 17 lbs. Code, FAGNA.

List Price \$35.90.

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

220 Volt Adapter Cord.....75c

Lafayette All-Wave Aerial Kit.....**\$1.47**

K16474—YOUR COST.....

Lafayette 11 tube AC-DC Superhet



STATION TESTED

THIS Lafayette ac.-dc. superhet can be taken anywhere and plugged into any 110/120 volt socket, a.c. or d.c. In quality and performance it will out-distance many console receivers selling at three times the price. It offers the same excellent performance on both a.c. and d.c., and in appearance is a charming addition to any home.

"BEAM" POWER OUTPUT

An ultra-sensitive superheterodyne circuit employs eleven modern tubes; they are a 6D6, 6F5G, 6A7, 76, 25L6G, 2-25Z5s, 67A, 2-33As and a 6G5 cathode-ray tuning "eye." The 25L6G is a "beam power" output tube which is capable of ample undistorted power output.

ELECTRO-DYNAMIC SPEAKER

This improved speaker reproduces the audible range with unusual fidelity. Every note from the lowest to the highest treble is heard with studio-like clarity and timbre.

EUROPEAN RECEPTION

Two bands are used to cover from 43 to 150 meters and 176.5 to 545 meters; this permits reception of European and American broadcasts, amateurs, aircraft, police calls and other short-wave communications.

AUTOMATIC VOLUME CONTROL

A sensitive automatic volume control circuit eliminates blasting when tuning from weak to strong signals, and minimizes fading which is so annoying when DX listening.

CATHODE-RAY TUNING "EYE"

Critical tuning, so important for enjoyable reproduction, is made simple by the use of the 6G5 tuning "eye." Unreliable tuning by ear, and tiresome dial jiggling is now a thing of the past.

TWO-TONE CABINET

The cabinet is of semi-modernistic design and finished with brilliant American hardwood. Attractive grille bars protect the speaker cone and add to its appearance.

GIANT TUNING DIAL

The gold-finished dial, measuring 6" x 5", can be read at a glance. Both bands are calibrated and indicated by a double-end knife-edge pointer. Edge-type illumination is used. Vernier control is included.

MODEL FS30

Lafayette 11-tube, ac.-dc., table model, 2-band superheterodyne, with tubes. For 110/120 volt a.c. or d.c. operation. Size, 9" high, 16 1/2" wide, 6 7/8" deep. Shpg. wt. 18 lbs.

Code, FAVOR.

List Price \$39.90.

YOUR COST.....

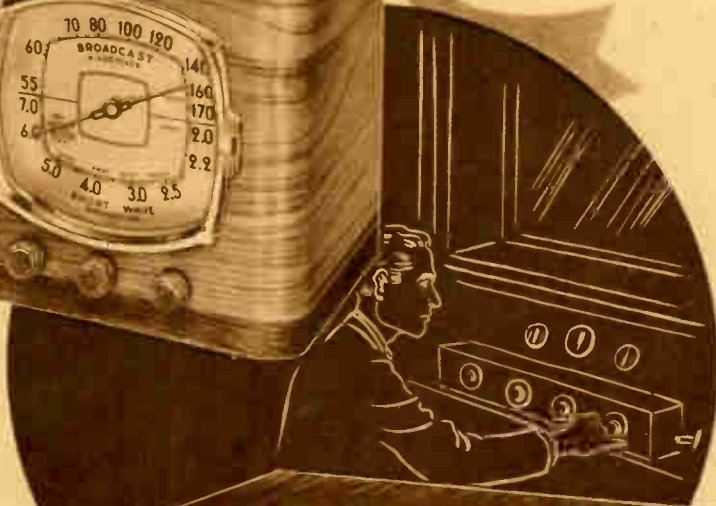
\$19.95

220 v. adaptor cord for above, add.....75c
Lafayette All-Wave Aerial Kit. Will get you more short-wave stations with less noise. Easy to install.

K16474-

YOUR COST.....

\$1.47



6 Tube 2 BAND AC SUPERHET

WITH MYSTIC TUNING "EYE"

This typically Lafayette Value is a "four star, smash hit"! It is 1938 in every respect. Among its numerous features are cathode-ray tuning "eye", full 6" electro-dynamic speaker, two-band coverage, a.v.c., and numerous others including an unheard-of low price for a set of this quality.

EUROPEAN RECEPTION

A band-changing switch on the front panel offers a choice of 47-143 meter short-wave reception and 174-560 meter police and broadcast stations.

AUTOMATIC VOL. CONTROL

Six modern tubes do the work of 9! They are: a 6A7, 6D6, 75, 41, 80 and a 6G5 tuning "eye" which is cleverly incorporated in the design of the large, illuminated dial. An automatic volume control circuit minimizes fading of distant stations and blasting when tuning from weak to loud signals.

6" DYNAMIC SPEAKER

A superbly toned electro-dynamic speaker is electrically matched to the pentode power amplifier. The result is brilliant, studio-like output.

WITH TONE CONTROL

A variable tone control permits tonal shading to suit the ear of the listener. It also aids in minimizing noise. The cabinet is a beauty, with its rounded walnut front harmonizing with the tastefully gold-etched dial.

MODEL D35

Lafayette 6-tube, 2-band table model superheterodyne, with tubes. For 110/120 volts, 60 cycles a.c. Size, 9 1/2" high, 17 3/4" wide, 7 3/4" deep. Shpg. wt. 16 lbs.

Code, WHALE.

List Price \$35.50.

YOUR COST.....

\$17.75

For 220 v. operation, add.....\$2.00
Lafayette All-Wave Aerial Kit. Will get you more stations.

K16474-

YOUR COST.....

\$1.47

8 FOR EASY TIME PAYMENT PLAN SEE PAGES 89-92

5 tube AC Superhet Lafayette

RECEPTION



- TWO BANDS
- FOREIGN RECEPTION
- DYNAMIC SPEAKER
- AUT. VOL. CONTROL

This wonderful little 5-tube superhet will exceed your highest expectations. It will win your unqualified approval and enthusiasm the minute you see and hear it—and it's offered at an unusually low price—a price made possible only by Lafayette's large scale production. Try one in your home—our famous 30-day Free Trial offer is your guarantee of complete satisfaction.

ADVANCED SUPERHETERODYNE

Five of the latest type tubes are used in the powerful, sensitive superheterodyne circuit. These include: a 6A7 first detector and oscillator, a 6D6 intermediate frequency amplifier, a 75 second detector, a.v.c. and audio tube, a 41 pentode power output tube and an 80 rectifier.

6" DYNAMIC SPEAKER

A matched 6" electro-dynamic speaker reproduces the entire audio output with excellent fidelity. Every note is sharp and clear; there's no hum, rattling or distortion.

AUTOMATIC VOLUME CONTROL

You won't be troubled by annoying fading on short-wave and other distant stations. The powerful a.v.c. circuit eliminates this difficulty, and in addition, it helps to eliminate blasting when tuning from a weak to a strong signal.

EUROPEAN RECEPTION

Two tuning bands are provided, covering from 47 to 143 meters and from 174 to 560 meters. Thus, the popular European broadcast stations are brought in, as well as American broadcasts, amateur and police calls, etc.

ETCHED TUNING DIAL

The large, square type tuning dial is easily legible, making tuning a simple procedure. Each band is individually calibrated: broadcast band in kilocycles, short-wave band in megacycles. Soft edge illumination eliminates glare.

This attractive mantel cabinet is constructed of selected butt walnut veneers hand rubbed to a high polish finish. Roll top, neat speaker grill front and matched knobs combine to present a pleasing appearance.

MODEL D21

Lafayette 5-Tube A.C. 2-Band Superhet complete with tubes. For 105/125 volts, 50/60 cycles a.c. Size: 16" wide, 9 3/4" high, 7 3/4" deep. Shpg. wt. 18 lbs. Code WANIK. List \$29.90.

YOUR COST..... **\$14.95**

For 220 volt operation add \$2.00.

5 Tube AC SUPERHET

LAFAYETTE'S claim to distinction is further advanced by this remarkable receiver. Never before in the history of radio has a powerful 5-tube superhet equal to this one been offered at so low a price—a price that demands your attention. You'll get many hours of pleasurable entertainment when you own one.

7-TUBE PERFORMANCE

By using two "twin" tubes, Lafayette engineers were able to get results heretofore obtainable only in 7-tube receivers. Five of the latest tubes are used in the advanced superhet circuit, including 1-6A8G (twin tube), 1-6K7G, 1-6Q7G (twin tube), 1-6F6G and 1-5Y3G. Power output is more than sufficient for all practical purposes. A matched electro-dynamic speaker reproduces the audio output with good fidelity.

Tuning range covers from 174.3 to 560 meters (standard broadcast).

Other features include: powerful automatic volume control; oversized components.

ATTRACTIVE CABINET

The receiver is housed in a beautiful grained walnut cabinet that has a highly polished finish. Carved base, rounded sides.

MODEL SB7

Lafayette 5-Tube A.C. Superhet complete with tubes. For 105/125 volts, 60 cycles a.c. Size: 11" wide, 8 3/4" high, 6 1/2" deep. Shpg. wt. 13 lbs. Code OBISE. List \$21.90.

YOUR COST..... **\$10.95**

6-TUBE MODEL SB8

Same as above, but includes a type 6G5 cathode ray "eye" tube that simplifies tuning. Shpg. wt. 13 lbs. Code OPERA. List \$25.50.

YOUR COST..... **\$12.75**

FOR EASY TIME PAYMENT PLAN SEE PAGES 89-92

Lafayette
5 TUBE EXTENDED
BAND
Superhet

TELEDIAL TUNING



VALUE plus! That's what you get when you buy this ultra-modern Lafayette 5-Tube a.c. receiver. Features found only in sets selling at twice the price quoted below are incorporated in its design. **TELEDIAL** tuning, extended tuning range, tone control, automatic volume control are just a few of the important circuit highlights. And it's housed in a cabinet that is sure to delight you, one that will blend harmoniously with any room of furniture. Get one now—you'll never regret your choice.

The liberal, 100% protective, Lafayette 30-day Free Trial offer is your guarantee that the set will live up to every claim made for it.

SIX TUBE PERFORMANCE

By utilizing the latest type tubes, results comparable with those obtained in the usual six tube receiver have been obtained. The tubes used are: 1-6A7 dual-purpose tube, 1-6D6, 1-75, 1-41 and 1-80. Power output is 2½-watts—sufficient for the home.

6" DYNAMIC SPEAKER

A high grade 6" electro-dynamic speaker brilliantly reproduces the entire tone range. You'll be pleasantly surprised with the "studio" quality reproduction afforded.

EXTENDED TUNING RANGE

In addition to bringing in the standard American broadcasts, this receiver will also tune in amateurs on the 160-meter band and many police calls. Frequency range: 50 to 2620 kilocycles (114.5 to 555 meters).

AUTOMATIC TELEDIAL TUNING

Now you can "dial" your stations just like you dial a telephone number. Eight station settings can be made—and it's very simple to adjust the buttons perfectly from the front of the dial (easy-to-follow instructions are furnished). You need adjust the buttons only once (unless you wish to change the station) and the automatic mechanism does the rest. Just press the button and turn until the "stop" is hit—there's your station perfectly tuned.

Other features include: automatic volume control that minimizes fading; tone control operated from a switch on the front panel (allows emphasis of bass notes); large dial calibrated directly in kilocycles; edge illumination.

\$18⁷⁵

Chassis and speaker are housed in an attractive, modernly styled cabinet constructed using selected hardwood veneers. Carved base, neat speaker grill and rounded ends combine to present a beautiful overall appearance.

MODEL EB56

Lafayette 5-Tube A.C. TELEDIAL Superhet. Complete with tubes. For 105/125 volts, 60 cycles a.c. 14¼" wide, 8¾" high, 8" deep.

\$18.75

Shpg. wt. 17 lbs. Code TIMID. List \$37.50.

YOUR COST

For 220 volt a.c. operation add \$2.00

Lafayette
6 TUBE 3 BAND
Superhet

NOT just one—but a multiplicity of excellent features make this 6-tube a.c. superheterodyne the most outstanding value on the market today. Not only is it eye arresting in its beauty but in performance it wins and holds your admiration. This truly **GREAT** little receiver will afford you many pleasure filled hours while adventuring by air to remote and romantic lands. And if words cannot convince you—we urge that you take advantage of our famous Lafayette 30-day free trial offer to prove to yourself, in your own home, how good this receiver really is.

3½-WATTS—"BEAM" POWER

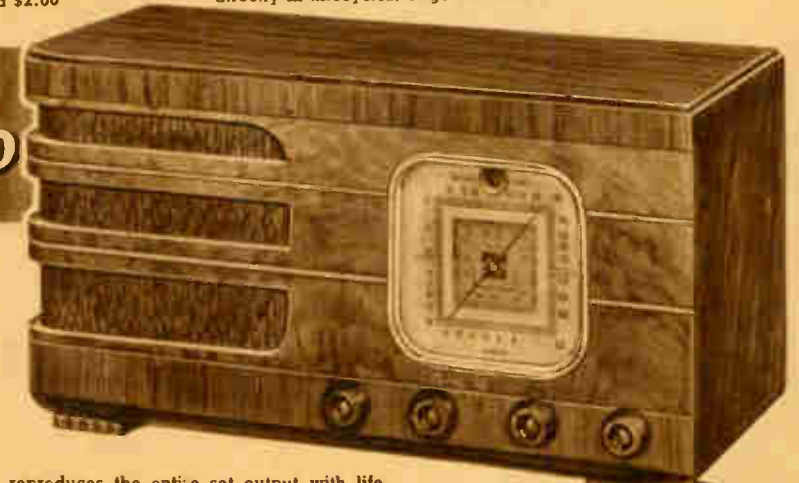
The powerful superheterodyne circuit uses a 6V6G "beam" power tube in the output stage to afford 3½-watts of undistorted audio power—more than enough to fill your home with crystal clear tones. Tube complement includes: 1-6A7, 1-6D6, 1-6Q7G, 1-6V6G, 1-80 and 1-6G5 cathode ray tuning indicator.

MIRACLE "EYE" TUNING

Critical tuning is made miraculously simple by the inclusion of a 6G5 cathode ray tuning indicator. No special knowledge is required—you merely tune till the "eye" blinks (as closed as possible), and there's your station tuned to perfection.

ELECTRO-DYNAMIC SPEAKER

A high quality 6" electro-dynamic speaker



reproduces the entire set output with life-like fidelity.

**ALL-WAVE RECEPTION
DOWN TO 16 METERS!**

Listen to Europe, bring in amateurs, police calls, experimental stations, air-craft, and the standard American broadcasts. You can do all of these by making use of the three tuning bands in this set. Tuning ranges are: from 16 to 60 meters; from 60 to 187.5 meters; from 173 to 555 meters.

AUTOMATIC VOLUME CONTROL

No fading—no "blasting" — the powerful a.c. circuit maintains volume at a constant level regardless of the manual volume control setting.

FULL TONE CONTROL

Do you prefer the bass notes? Just give the

\$19⁹⁵

noiseless tone control knob a twist and the low notes are emphasized.

The receiver is housed in a beautiful cabinet constructed with rosewood and walnut inlay. A joy to the eye, as well as the ear.

MODEL D36

Lafayette 6-Tube A.C. Superhet with tubes. For 105/125 volts, 50-60 cycles a.c. Size: 17¼" wide, 9" high, 7¾" deep. Shpg. wt. 25 lbs. Code WIKER. List **\$19.95**

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

For 220 volt operation, add \$2.50

THIS Lafayette 7-tube superhet literally "opens the door" to a world of entertainment. Its ultra sensitive circuit insures excellent reception of foreign and domestic broadcasts at all times. Bring in London, Paris, Rome, Berlin and a host of others when you ride the ether waves. You'll be thrilled at the power and clarity of this set's performance. And by comparison, it stands head and shoulders above the field in price—you can scour the markets without finding a value to equal this. Convince yourself—try this set in your own home—our liberal 30-day Free Trial offer is an ironclad guarantee of complete satisfaction.

Lafayette 7 TUBE 3 BAND Superhet

4-WATTS—"BEAM" POWER

The high power, 7-tube superhet circuit includes the latest type "beam" power tube in the output stage, providing 4-watts of undistorted audio. The tube complement includes: 1-7B, 1-6A7, 1-6D6, 1-6Q7G, 1-6V6G "beam" power tube, 1-80 and 1-6G5.

PRE-SELECTION on the broadcast band eliminates annoying code interference and minimizes background noise.

6" JENSEN SPEAKER

A matched electro-dynamic speaker (6"), made by Jensen, handles the entire set output without distortion or rattling. Every note reaches your ear just as it left the studio.

ALL-WAVE COVERAGE

Three tuning bands provide world-wide coverage. Ranges are: from 16 to 60 meters; from 60 to 187.5 meters; from 172.3 to 555 meters. European broadcasts, American broadcasts, amateur calls, police and aircraft calls, etc. are within this range.

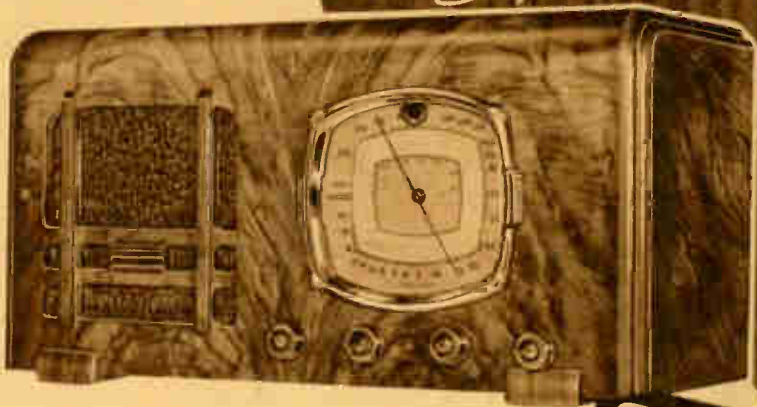
MIRACLE "EYE" TUNING

The giant dial, having individually calibrated bands in colors, has an opening in which is a cathode ray tuning "eye". Critical tuning on short-wave stations is simplified by this tube. Just tune until the "eye" is as far closed as possible, and your station is perfectly tuned.

FULL TONE CONTROL

A smooth acting tone control, operated by a knob on the panel, permits variation of the frequency response to suit the taste of the operator. You can easily emphasize the bass notes at will.

Other features include: powerful automatic volume control; three-gang condenser; wet electrolytic filter condensers, etc.



The cabinet used to house the 7-tube chassis and speaker is constructed of selected butt walnut veneers rubbed to a highly polished finish.

\$23⁹⁵

MODEL D49

Lafayette 7-Tube, 3-Band A.C. Superhet complete with all tubes, in cabinet. For 105/125 volts, 50/60 cycles a.c. Dimensions 19 3/4" wide, 9 1/2" high, 9" deep. Shpg. wt. 26 lbs. Code WINE. List Price \$47.90.

YOUR COST **\$23.95**
For 220 volt operation add.....\$2.50

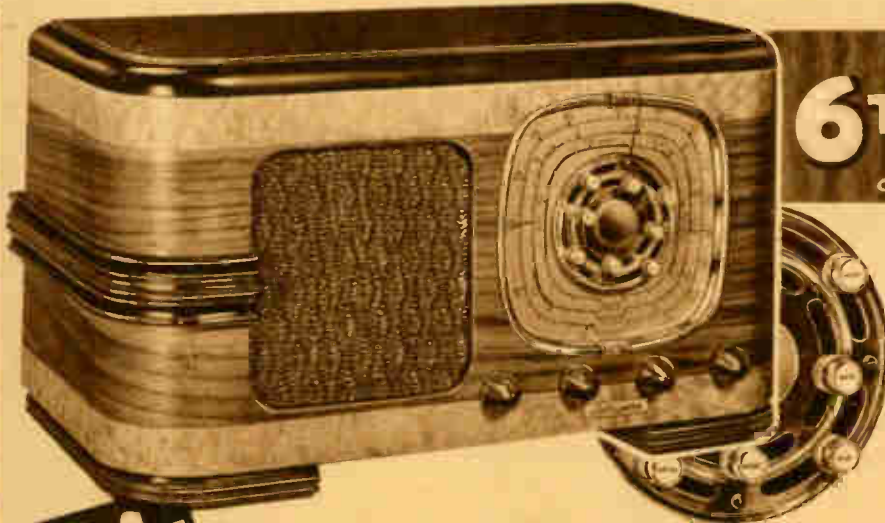
EXPORT MODEL J13

Similar to above, but covers from 16 to 60 meters, 200 to 550 meters and 850 to 2000 meters. In slightly different cabinet. For 110/220/250 volts, 50/60 cycles a.c. Code ECCOT. List \$55.00.

YOUR COST **\$27.50**

Special Lafayette All-Wave Aerial Kit.

K16479-YOUR COST **\$2.25**



\$24⁷⁵

Other features include: full range TONE CONTROL, powerful AUTOMATIC VOLUME CONTROL, 6" dial, individually calibrated bands.

Receiver is housed in an exquisite cabinet constructed with the finest walnut veneers. A two-tone effect is produced—it is sure to meet with your approval.

MODEL EB70

Lafayette 6-Tube 3-Band A.C. Superhet. Complete with tubes, in cabinet. Dimensions: 17 3/4" wide, 9 3/8" high, 9 1/2" deep. For 105/120 volts, 50 cycles a.c. Shpg. wt. 24 lbs. Code THOPO. List Price \$47.50.

YOUR COST **\$24.75**
For 220 volt operation add.....\$2.50
K16479-Lafayette All-Wave Aerial Kit.....\$2.25

Lafayette 6 TUBE 3 BAND Superhet

TELEDIAL TUNING

A 1938 innovation — the most revolutionary improvement in tuning mechanisms since the inception of radio. You merely set the eight station buttons for the eight most popular stations, then "dial" for any station you want. It's as easy as using a dial telephone. And you don't have to be a mechanic to set the buttons either—a set of easy-to-follow instructions tells you how.

COVERS FROM 13.3 TO 555 METERS

Tune in stations from all over the world. The tuning range of this receiver goes all the way down to 13.3 meters. Three bands covered are: from 13.3 to 46.1 meters; from 44.8 to 153.8 meters; from 171.2 to 555 meters. Thus, European broadcasts, as well as American broadcasts, amateur calls, police and aircraft signals and a host of others can be brought in.

HIGH SENSITIVITY AND SELECTIVITY

The powerful superheterodyne circuit is engineered to provide maximum sensitivity and selectivity. Six high gain tubes are used, including 1-6A8G, 1-6K7G, 1-6H6G, 1-6F5G, 1-6K6G and 1-80. The types 6A8G and 6H6G are "twin" tubes, providing results equal to four of the older types. Thus, this 6-tube receiver affords 8-tube reception. A 6" electro-dynamic speaker efficiently handles the audio output with great fidelity. Power output is 3.25 watts; more than enough to fill the home with lifelike tones.

LAFAYETTE

8 TUBE SUPERHET with TELEDIAL TUNING

JUST LIKE YOUR DIAL PHONE

Simpler to tune than your dial telephone. Merely press the button representing the station you want to hear, pull down till dial stops and your station is tuned in **ACCURATELY**. Fully automatic. Ten buttons are provided for ten different stations. Does away with squinting and time-wasting jiggling of the pointer knob. Now everyone in the family can tune the set and get perfect reception. Initial adjustment of the dial is completed in a few minutes, requires no tools or technical knowledge and holds its adjustment accurately. A manual control is also provided for conventional tuning.

COMPLETE SHORT-WAVE COVERAGE

Every modern radio development is found in this receiver. Precision tuning when using the dial pointer is assured by the tuning "eye" which is ingeniously incorporated as part of the dial design. Three separate tuning bands offer a complete diversity of reception: 15.8 to 60 meters, 53.5 to 176 meters and 179 to 560 meters. These bring in European broadcasts, amateurs, police calls, aircraft and ship short-wave stations.

PUSH-PULL "BEAM" POWER TUBES

The eight tubes are as follows: 6A7, 6D6, 6H6G, 6V7G, 6G5, 80 and two 6V6G "beam" power tubes in push-pull output.

Push-pull is used in the detector circuit; this feature reduces distortion to a minimum and permits crystal-clear reproduction. A full-throated, 8" Jensen electro-dynamic speaker handles the 8-watt output of the amplifier with life-like fidelity.

CONTINUOUSLY VARIABLE TONE CONTROL

Will permit you to adjust the tone to suit your personal taste. Automatic volume control is also provided.

A REALLY DISTINCTIVE CONSOLE

Will appeal to every lover of a beautiful home. Handsomely-grained walnut veneers, with pyramid sides and massive base. Decorative pillars fronting grille.

MODEL D54

Lafayette 8-tube a.c. superhet with Teledial tuning. In console cabinet 38 3/4" high, 22 3/4" wide, 10 3/4" deep. Complete with all tubes. For 110/120 volt, 50/60-cycle a.c. operation. Shpg. wt. 63 lbs. Code WOLLA.

List Price \$79.90.
YOUR COST **\$39.95**
 For 220-volt operation, add \$2.50
 Lafayette All-Wave Aerial Kit. Brings in more short-wave stations louder and clearer.
 K16479- **\$ 2.25**
YOUR COST

\$39⁹⁵



Teledial Table-Model

Where space is a factor, this Lafayette Table-model superhet will fit the available corner, end table, etc., and yet offer the same superb performance as the model described above. Technically, it is identical in every respect. The only difference being in the size of the cabinet.

AUTOMATIC VOL. CONTROL

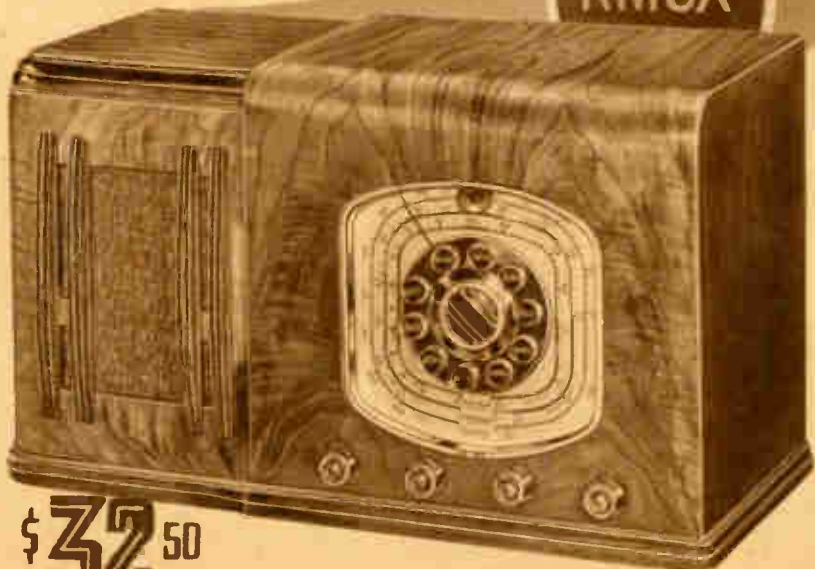
It has the same automatic dial which tunes in the desired station quickly and accurately; the same automatic volume control for no-fade, no-blast reception; tone control and tuning "eye."

The entire assembly including 8" electro-dynamic speaker is housed in a beautiful duo-form cabinet finished in lustrous, walnut veneers and equipped with a rich-looking cloth grille.

MODEL D51

Lafayette 8-tube, 3-band table model superhet with Teledial tuning and all tubes. For 110/120-volt, 50/60-cycle a.c. operation. Size, 11 1/2" high, 20" wide, 9 1/4" deep. Shpg. wt. 30 lbs. List Price \$65.00. Code WABRA.

YOUR COST **\$32.50**
 For 220-volt operation, add \$2.50
 Lafayette All-Wave Aerial Kit. For better reception on short-wave and broadcast bands.
 K16479-YOUR COST **\$2.25**



\$32⁵⁰

LAFAYETTE

8

TUBE 3 Band

All-Wave SUPERHET

AN unbelievable value that only Lafayette can offer! This unusual console receiver has everything and does everything equal to receivers selling at two and even three times its selling price. There is no compromise with quality in any phase of its production.

DAILY FOREIGN RECEPTION

An extra-sensitive superheterodyne circuit will bring you stations from all parts of the world. Three individual tuning bands cover 15.8 to 60 meters, 53.5 to 176 meters and 179 to 560 meters. Listening to amateurs, police calls, aircraft in flight, ships at sea and foreign broadcasts is a simple matter. It can't miss!

PUSH-PULL "BEAM" POWER TUBES

Eight of the latest multi-purpose tubes are employed: a 6A7, 6D6, 6H6G, 6T7G, 6G5, 80 rectifier and two 6V6G "beam" power tubes in push-pull output. Power into the speaker is approximately 8 watts—more than ample to fill the average home with power to spare. Push-pull detection.

CATHODE-RAY TUNING "EYE" IN DIAL

A tuning "eye" is an integral part of the handsome, gold-finished illuminated dial. It takes the guess-work out of tuning and assures brilliant-toned reception.

JENSEN 8" ELECTRO-DYNAMIC SPEAKER

This speaker, mounted on an acoustically perfect baffle, reproduces the amplifier output with superb faithfulness.

STONE AND AUTOMATIC VOLUME CONTROLS

Other features includes automatic vol. control for fadeless, blastless reception, and a continuously variable tone control for timbre shading to please the ear of the listener.

MODEL D53

Lafayette 8-tube, 3-band console superhet with all tubes. For 110/120 volts, 50/60 cycle a.c. operation. Shpg. wt. 53 lbs. Code WAWIT. Size, 23½" wide x 38½" high x 11¼" deep. List Price \$73.90.

YOUR COST **\$36.95**
 For 220-volt operation, add \$2.50
 Lafayette All-Wave Aerial Kit. Will help you get more short-wave stations and get them louder. Easy to install. Supplied complete with all accessories. **\$2.25**
 K16479—YOUR COST

\$36⁹⁵

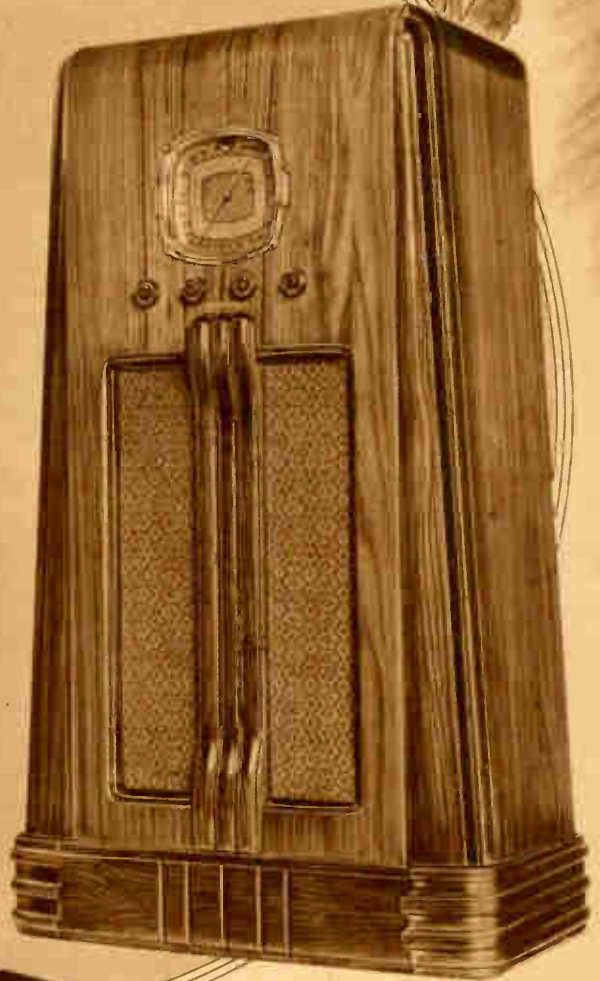


TABLE MODEL

A stunning table model housing the receiver and loudspeaker described above. It offers console quality with the convenience of space saving and is therefore ideal for the small apartment, hotel room, store, small restaurant, etc. The technical description given above applies in every detail to this table model.

HAS TUNING "EYE"

A cathode-ray tuning "eye" is incorporated in the design of the dial, just as it is in the console model above. The receiver incorporates the same automatic volume control, the same push-pull "beam" power output tubes and the same 8" Jensen electro-dynamic speaker. It differs only in the size of the cabinet.

Complete coverage is had of 3 separate bands: 15.8-60, 53.5-176 and 179 to 560 meters. These cover amateurs, police calls, aircraft, European broadcasts and standard American stations.

MODERN CABINET

Its mirror-like walnut housing will delight you with its smartly curved front, its modernistic speaker grille and its beautifully chased gold finished dial and escutcheon.



MODEL D-50

Lafayette 3-tube, 3-band table-model superhet with tubes. For 110/120 volts, 50/60 cycles a.c. Shpg. wt. 30 lbs. Size, 19" long x 8½" high x 9½" deep. Code WOFAN. List Price \$57.50.

YOUR COST **\$28.75**
 For 220 volt operation, add \$2.50
 Lafayette all-wave aerial kit. **\$2.25**
 K16479—YOUR COST

\$28⁷⁵

Lafayette TELEDIAL 6 TUBE 3 BAND AC SUPERHET



This superb arm-chair radio-phonograph combination in the ultra-modern mode is the very essence of all that could be desired by the most discriminating. Imagine an excellent 6-tube, 3-band a.c. superheterodyne with 1938 TELE-DIAL tuning, a splendid electric phonograph with a Webster high-fidelity pickup, both combined in a thrillingly beautiful end-table walnut cabinet with a fold-over top which becomes a modern cocktail table, besides having a book compartment.

A WORLD OF ENTERTAINMENT AT YOUR ELBOW

Relaxed comfortably in your arm chair a spin of the scientifically accurate TELE-DIAL brings you any one of your eight favorite stations perfectly tuned in. Or you may have your choice of the world's offerings. The band-selector switch permits you to choose any of three bands from 13.3 to 555 meters. Foreign broadcasts, police calls, amateur and aircraft calls are yours when you seek a change from standard broadcasts. The radio is the fine model EB70 described on page 11.

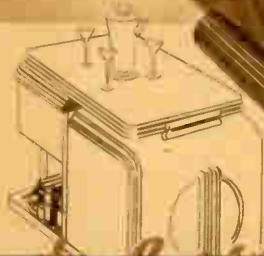
ALL-ELECTRIC HI-FIDELITY PHONOGRAPH

Should you wish recorded entertainment, the Webster hi-fidelity pick-up provides lifelike realistic reproduction. The dependable Green Flyer Model A single speed motor has a ten inch turntable, enables you to play any 10 or 12 inch record perfectly with an automatic stop device to add to your convenience. The tone quality on both phonograph and radio will amaze you.

Model EB65

Lafayette 6-tube, 3 band radio-phonograph end table combination with TELE-DIAL, Green Flyer motor, Webster, Hi-Fidelity pick-up, all tubes. Size: 19 1/2" high, 29" wide, 29" deep. For 115 volt 50/60 cycles a.c. Shpg. wt. 89 lbs. Code TRAIN. List Price \$149.00.

YOUR COST..... **\$74.50**
Model EB-64 - Same as above, less phono motor, pickup. Wt. 79 lbs. Code TOPKA.
YOUR COST..... **\$56.95**



The Last Word

in Style!

Lafayette AC-DC

6 TUBE 2 BAND SUPERHET

SUPERB ARM-CHAIR SUPERHET

The ability to bring you the radio programs of the world with studio-like fidelity plus the comfort of tuning without leaving your arm chair make this a receiver that will give you endless hours of radio enjoyment. A powerful 6-tube superheterodyne capable of fine performance on either 115 volts 50/60 cycles a.c. or 115 volts d.c. Two good-sized shelves for books or ornaments are an added convenience.

STANDARD AND EUROPEAN RECEPTION WHENEVER DESIRED

Two tuning bands provide the choice of standard American broadcasts on 176 to 555 meters or European short-wave broadcasts, police calls, aircraft and amateurs on 43 to 130 meters. Without foregoing the comfort of your arm chair you have a world of radio entertainment at your fingertips.

8-INCH DYNAMIC SPEAKER

A powerful 8 inch electro-dynamic speaker assures ample volume for any room while a continuously variable tone control enables you to adjust the tone quality of any broadcast to please your own taste. Automatic volume control is incorporated to eliminate fading or blasting on foreign or local reception. Tubes used are: a 6A7, 6D6, 75, 43 25Z5 and an L49B.

Model BA1

Lafayette 6-tube, 2-band, 115 volt a.c. or d.c. arm chair superhet, complete with all tubes. Overall sizes: 22 3/4" high, 13 3/4" wide, 27 3/4" deep. Shpg. wt. 64 lbs. Code CIMON.

List Price \$65.90.

YOUR COST..... **\$32.95**



14 FOR EASY TIME PAYMENT PLAN SEE PAGES 89-92



Musical Instruments that are Joys Forever

Which Radio Shall I Buy? That is the problem that confronts Mr. Radio Set Buyer today—and it's a difficult one. There are so many different manufacturers, so many advertised claims, that one may be prone to overlook the three factors that are inherent in every good set! Tick them off on your fingers Mr. Radio Set Buyer—the reputation of the maker, the Quality built into the set, and the Price!

Three Reasons for Lafayette. Our reputation goes back 16 years to crystal-set days. For 16 years Lafayette engineers have pioneered, step by step, introducing new features, more advanced circuits, greater values. No other company has so consistently maintained top quality—quality that never budges from rigid laboratory standards. Lafayette radios cost just as much to build as sets selling at considerably higher prices, yes! BUT THEY COST LESS TO SELL! Good dollars are saved by eliminating distribution costs, by steering clear of giant advertising budgets—no wonder you invariably save 40% to 50% when you buy a Lafayette receiver.

Custom Built Lafayette's Lead the Field. The special custom built models by Lafayette stand head and shoulders above any other receivers on the market today. For quality, performance and price they are unequalled. Electric-Tuning, Acoustic Tone Chambers, Compensated Audio Circuits, beautiful cabinets—in short, all those modern circuit refinements that make for perfect reproduction are found in Lafayette Custom Built Radios.

Why Not See For Yourself? We don't ask you to select your radio after a few minutes store demonstration. Our 30-day Free Trial offer, the most liberal guarantee ever offered, fully protects your choice. Mail yourself of it—order one of the new Lafayette radios sent to your home today—you'll take pride in the ownership of a Lafayette.

LAFAYETTE Custom Built RADIOS

LAFAYETTE

8 TUBE



- WORLD-WIDE RECEPTION
- HIGH FIDELITY SWITCH
- NEW TONE EXPANDER
- DIODE AUTOMATIC VOLUME CONTROL
- 10" SYMPHONIC SPEAKER

FOR the discriminating person who demands the most luxurious performance that modern radio can afford, we offer this truly "international" 8-tube phantom-dial superhet. Relax in the comfort of your own home while London, Rome, Moscow, Berlin, and a host of other foreign stations entertain you. You will thrill at the great power, the wonderful tone quality, the high sensitivity and selectivity this set provides. In addition, the circuit design incorporates all of the most modern refinements that make for improved quality. High fidelity operation, tone expander, stabilized circuits are but a few—and they mean that you get 100% PLUS value when you buy this super-receiver. Place one in your home today—our 30-day Free Trial offer fully protects you—it's our guarantee of faith.

56⁷⁵



HIGH POWER SUPERHET

Eight tubes are used in the advanced superhet circuit as follows: 6K7 i.f. amplifier, 6J7 first detector, 6C5 oscillator, 6H6 second detector and a.v.c. diode, 6F5 audio amplifier, 6F6 power output tube, 5Y3G full-wave rectifier and a 6G5 cathode ray tuning indicator.

CATHODE RAY "EYE"

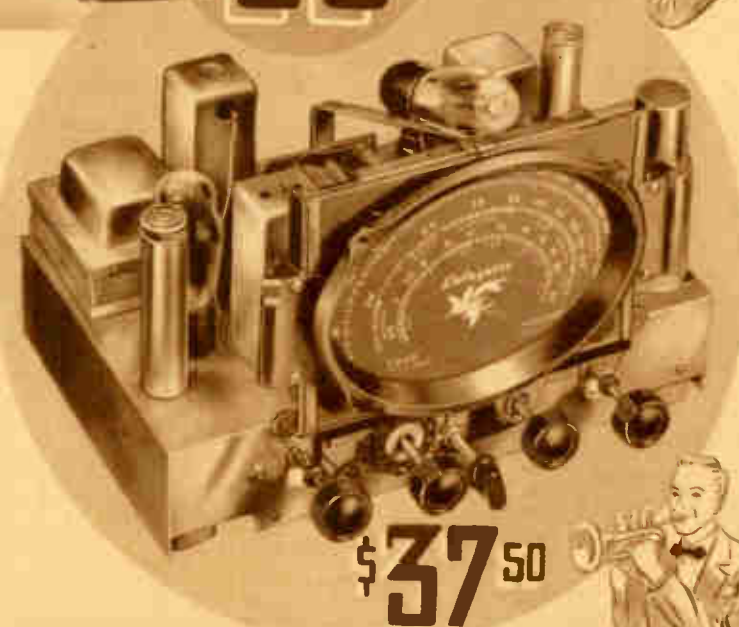
The 6G5 tube permits accurate visual tuning of the radio. The view through the window presents a bright green disc with a variable dark sector. The station is perfectly tuned when the dark sector is narrowest—nothing could be simpler.

SYMPHONIC DYNAMIC SPEAKER

A high quality 10" electro-dynamic speaker brilliantly reproduces the entire tone range without discrimination. You'll imagine that you're in the studio when you listen to the crystal clear reproduction.

LISTEN TO THE WORLD

The whole world of radio entertainment is brought to you through the three tuning bands afforded by this set. Bands are: from 13.6 to 47.6 meters; from 47.2 to 165.7 meters; from 164 to 568 meters. European broadcasts, American broadcasts, amateur and police calls, aircraft signals and many others are within this range. The desired band is easily selected by means of a hand switch operated from a panel knob. Dial indicates the band in use.



\$37⁵⁰



FOR EASY TIME PAYMENT PLAN SEE PAGES 89-92

3 BAND Superhet



UNIQUE "PHANTOM" DIAL

A unique oval shaped dial, 7" in diameter, makes tuning "child's play." Each band is individually calibrated on the gold background dial—and as you turn the band-switch, a spot of light appears on the band calibration selected. Other beams of light indicate tone and volume control settings. Thus, there can be no doubt as to what calibration to use—no easier tuning arrangement has ever been devised.

TONE EXPANDER CIRCUIT

A high fidelity switch assures purer tone by enabling the passage of high frequency notes—eliminates side band cutting by spreading the selectivity of the i.f. circuits.

FULL TONE CONTROL

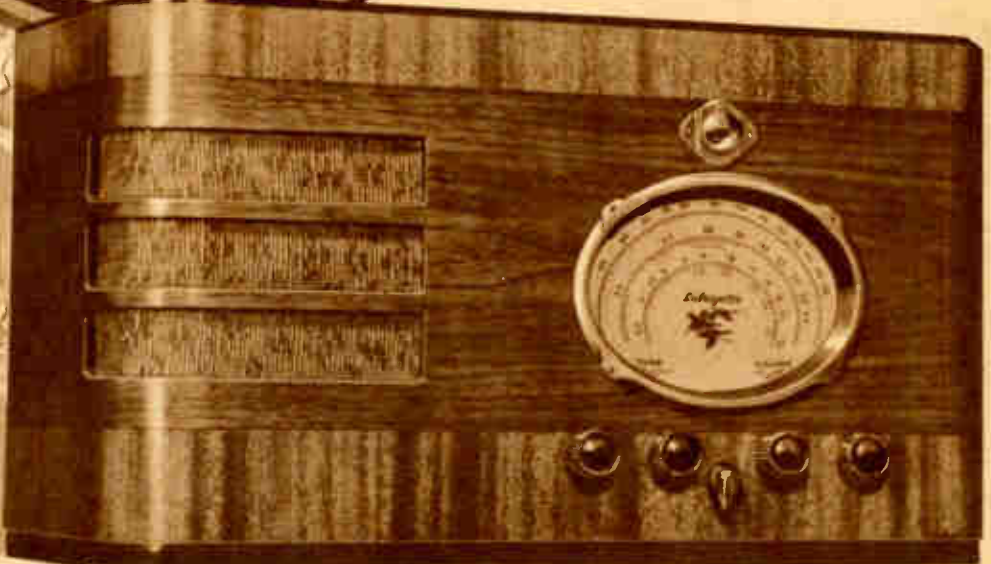
A manually operated tone control permits variation of the high frequency response. Complete gradation of tone from deepest bass to highest treble is enabled.

DIODE AUT. VOLUME CONTROL

This feature assures steady volume of reception and easier tuning, and further eliminates blasting when tuning from weak to strong signals.

COMPENSATED AUDIO SYSTEM

A compensating circuit is used to automatically increase high and low frequency response at reduced volume levels. This means that the fidelity of reproduction, even with fidelity switch in "sharp" position, is better than in most other sets.



\$44.50

STABILIZED CIRCUITS

Variations in circuit alignment as caused by drifting due to changes in temperature and humidity are practically eliminated. The oscillator and i.f. circuits are "drit-proofed" by the application of a unique thermostatic compensating condenser and the use of special air type and sealed condensers.

PROVISIONS FOR PHONOGRAPH

The chassis is equipped with a special phonograph socket enabling the immediate adaptation to phonograph combination operation. Full instructions are furnished.

WIDE RANGE POWER SUPPLY

The power transformer is capable of handling 40, 50 or 60-cycle current without excess heating. It is equipped with a plug switch for adaptation to either 117 or 235 volts a.c. Tolerances assure proper functioning at any variation in line voltage up to 10% over or under specified rating WITHOUT ADJUSTMENT.

Receiver is available in chassis form, or housed in either mantel or console type cabinets constructed of selected walnut veneers rubbed to a high polished finish.

MODEL B14 IN MANTEL CABINET

Same as above, but in mantel cabinet illustrated above. Size: 23 $\frac{3}{4}$ " wide, 14" high, 11 $\frac{1}{2}$ " deep. Shpg. wt. 45 lbs. Code BESSA. List \$89.00. YOUR COST.....\$44.50

MODEL B18 IN CONSOLE CABINET

Lafayette 8-Tube 3-Band A.C. Superhet complete with tubes. In console cabinet illustrated on page 16. For 105/130 or 210/260 volts, 40 to 60 cycles a.c. Size: 33 $\frac{3}{4}$ " high, 22 $\frac{3}{4}$ " wide, 13 $\frac{1}{2}$ " deep. Shpg. wt. 63 lbs. Code BINET. List \$113.50. YOUR COST.....\$56.75

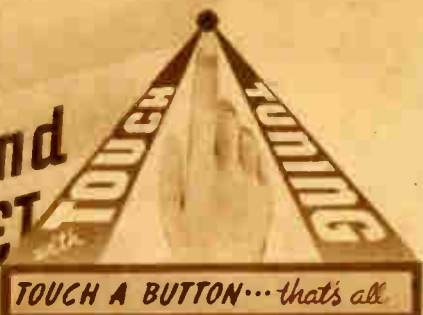
MODEL B13 CHASSIS AND SPEAKER ONLY

Same as above, but chassis and speaker only, with tubes. Size: 14 $\frac{1}{2}$ " wide, 9 $\frac{1}{2}$ " high, 11 $\frac{1}{2}$ " deep. Shpg. wt. 29 lbs. Code BELLO. List \$75.00. YOUR COST.....\$37.50
Special Phono cable with switch, 27" long.
K20835—YOUR COST.....\$1.50
Lafayette All-Wave Aerial Kit. \$2.25
K16479—YOUR COST.....

FOR EASY TIME PAYMENT PLAN SEE PAGES 89-92



8 Tube 3 band SUPERHET



A HISTORY-MAKING value that incorporates history-making features! It offers innumerable hours of glorious tone that will give you a new appreciation of music, power that will amaze you, thrilling, world-wide reception, eye-arresting beauty and—that sensational, new development—ELECTRICAL TOUCH-TUNING.

PRESS THE BUTTON AND WATCH IT TUNE ITSELF

It works for you with robot-like precision. No levers to pull down, no dials to twirl—touch a button and any one of eight stations (of your choice) is tuned in INSTANTLY and ACCURATELY.

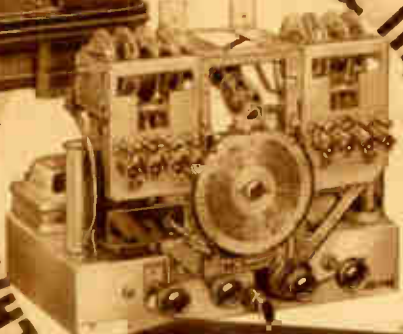
Compare this superlative receiver dollar-for-dollar and feature-for-feature: CONTINUOUS SHORT-WAVE RECEPTION over three extended bands, 13.7 to 47.7, 47 to 166 and 164 to 570 meters; foreign reception is a DAILY fact . . . CATHODE-RAY TUNING "EYE" for use when tuning with knob and dial, assures perfectly tuned stations for maximum tone quality . . . IMPROVED 10" ELECTRO-DYNAMIC SPEAKER will bring you EVERY note with brilliant fidelity . . . HIGH FIDELITY TONE EXPANDER assures purer tone by providing wide band passage . . . COMPENSATED AUDIO SYSTEM is used to increase automatically high and low note response when listening with reduced volume . . . WIDE-RANGE TONE CONTROL brings you reproduction with bass or treble emphasis as YOU like it . . . HANDY PHONOGRAPH SOCKET is part of the chassis equipment. Immediate adaptation can be made without rewiring or going into the chassis . . . AUTOMATIC VOLUME CONTROL assures steady volume and easy tuning and eliminates blasting . . . WIDE-RANGE POWER TRANSFORMER permits operation on 40-60 cycle a.c., either 110 or 230 volts without the use of additional appliances . . . THERMOSTATIC COMPENSATORS in oscillator and i.f. circuits eliminate drifting due to temperature changes.

Tube complement: 6K7 i.f., 6J7 1st detector, 6CS oscillator, 6H6 2nd detector and a.v.c., 6F5 audio, 6F6 audio output, 5Y3 rectifier and 6G5 tuning "eye." All are of the all-metal type but the 5Y3 and 6G5.

MODEL B26

Lafayette 8-tube, 3-band console superhet with Electrical Touch-Tuning and all tubes. For operation on 105/130 and 202/258 volts, 40/60 cycle a.c. Size, 39 3/4" high, 22 3/4" wide, 13 1/2" deep. Shpg. wt. 73 lbs. Code, BASET.

List \$135.00. **\$67.50**
YOUR COST.
Lafayette All-Wave Aerial Kit. Will get you more short-wave stations with more volume and less noise. Easy to install. K16479—**\$2.25**
YOUR COST.....



LAFAYETTE

INSTRUMENTS

THE above receiver with identical technical features is available in a stunning table cabinet for those who desire a space-saving model with console quality. The cabinet is a magnificent product of walnut and cross-matched mahogany veneers that follow the overall modernistic lines of this smart piece of furniture.

Technically nothing has been omitted. The same ELECTRICAL TOUCH-TUNING, the same full-sized, 10" electro-dynamic speaker are used as in the console model. It can be placed on a table, on or in a bookcase, on an end table or it can be used as a second set in the bedroom. Its tone quality is superior to many full-size consoles selling at three times the price, and technically it is in a class by itself, far ahead of the field. The chassis illustrated in the center of the page is used in this table model.

TABLE MODEL B25

Lafayette 8-tube, 3-band table-model superheterodyne with Electrical Touch Tuning and all tubes. For operation on 105/130 and 202/258 volts, 40/60 cycle a.c. Size, 14" high, 23 3/4" wide, 11 1/2" deep. Shpg. wt. 55 lbs. Code, BIZAR.

List Price \$117.00. **\$58.50**
YOUR COST.....

Chassis and Speaker Only Model B-24

The receiver described above is available without cabinet; chassis, speaker and tubes only. Size, 14" long, 12" high, 11 1/2" deep. Shpg. wt. 39 lbs. Code BERRO.

List Price \$99.00. **\$49.50**
YOUR COST.....



PHONO-RADIO *Lafayette* COMBINATIONS



8Tube THREE BAND SUPERHET

Superb Reproduction



8Tube PHANTOM DIAL COMBINATION

NOW you can own a superb musical instrument that will bring you the cream of the radio world from all points of the globe and, by the touch of a switch, reproduce for you with magnificent tonal quality your favorite recordings.

As described on page 13, the receiver features every worthwhile technical development. Some of them are: push-pull "beam power" output tubes, cathode-ray tuning "eye" in dial; three separate tuning bands covering 15.8 to 560 meters, etc.

WITH HIGH-FIDELITY CRYSTAL PICKUP

The record reproducing section, like the receiver, is designed and assembled to play your recordings with brilliant, lifelike tones that will amaze you with their fidelity. The pickup head is of the quartz crystal type, the finest pickup known to science, the turntable is 10" in diameter, will play records up to 12" and is equipped with automatic stop.

GENUINE "GREEN FLYER" A.C. MOTOR

Cost was not spared to give you the finest. A genuine "Green Flyer" a.c. motor drives the turntable without a trace of "wobble" or vibration. Motor speed is 78 r.p.m. adjustable by a smooth speed control. The console is brilliantly finished.

PHONO-RADIO MODEL D-55

Lafayette 8-tube, 3-band, a.c. phono-radio combination with "Green Flyer" motor, 10" turntable, crystal pickup and all tubes. For operation on 110/120 volts, 50/60 cycles a.c. Size, 38½" high, 22½" wide, 15½" deep. Shpg. wt. 91 lbs.

Code, WENNA. List \$127.00. **\$63.50**

YOUR COST.....
For 220-volt operation, add.....\$5.00

IF you have never heard a recording played through a high-fidelity amplifier and speaker as are found on the Lafayette Model B-20, you have a musical treat in store for you. Why depend on radio stations for the music of your choice? Hear it when YOU feel like hearing it. There is nothing finer than a radio-phonograph combination as a musical instrument for everyone in the family.

The radio receiver is the justly famous Lafayette model B-13 described on pages 16 and 17. It features high-fidelity reception, "phantom" tuning, 3-band all-world reception, etc.

TWO-SPEED "GREEN FLYER" MOTOR

The motor rotates at either 33-1/3 or 78 r.p.m. by switching, plays records up to 12"; equipped with automatic stop and speed control. The pickup will reproduce the finest recording with full fidelity and is designed for long record life.

PHONO-RADIO MODEL B-20

Lafayette 8-tube, 3-band a.c. phono-radio combination with two-speed "Green Flyer" motor, 12" turntable, high-fidelity pickup and all tubes. For operation on 105/135 and 205/258 volts, 40/60 cycles a.c. (This rating applies to radio only; the motor will operate on 220 volts with the appliance listed below). Size, 40½" high, 22½" wide, 15½" deep. Shpg. wt. 76 lbs.

Code, BEKAS. List Price \$176.90. **\$88.45**

MODEL B-27 PHONO-RADIO COMBINATION similar to above, but with ELECTRIC TOUCH-TUNING as described on page 18. Code, BOSTO. List Price \$199.50. **\$99.75**

YOUR COST.....
For 220-volt operation of motor, add.....\$2.00

The Best Music WHEN YOU WANT IT with a Lafayette



11 Tube 3 band SUPERHET

THE WORLD'S Easiest TUNING RADIO

USES TONE EXPANDER

A high-fidelity switch assures purer tone by enabling the passage of high-frequency notes and eliminates side-band cutting by spreading the selectivity of the intermediate amplifiers.

AUTOMATIC VOLUME CONTROL

Diode automatic volume control assures steady volume of reception and easy tuning and further eliminates blasting when tuning from weak to strong signals.

WIDE-RANGE TONE CONTROL

A complete graduation of tone from low bass to brilliant treble is enabled through a full-range tone control operating in the audio circuit.

PHONOGRAPH SOCKET

A special socket enables immediate adaptation to phonograph combination operation. A special 27" shielded cable with the phono switch and necessary leads is available at slight cost. No intricate rewiring or chassis changes necessary.

IMPROVED 12" SPEAKER

A specially designed 12" electro-dynamic speaker handles the amplifiers undistorted OUTPUT OF NINE WATTS with thrilling fidelity.

ALL-RANGE TRANSFORMER

Handles 40 or 50 as well as 60-cycle a.c. without heating. Equipped with an outside plug switch for use on either 117 or 235 volts a.c. Design assures proper functioning at any line variation within 20% specified rating. Current consumption is 100 watts at 117 volts 60 cycle a.c.

RUBBER CUSHION MOUNTING

Tone distortion and chassis vibration are eliminated by floating the chassis on 4 cushions and the THREE-GANG condenser on 3 rubber cushions.

A THERMOSTATIC COMPENSATING condenser eliminates "drift" due to changes in temperature and humidity. This applies both to oscillator and i.f., thus eliminating the need of a.f.c.

LAFAYETTE again takes the lead in presenting a startling new high in technical achievement—the receiver of tomorrow available for your enjoyment today. It incorporates every feature that is desired in a modern radio set—and more.

TUNES ELECTRICALLY

Outstanding among its innumerable superior developments is its system of TOUCH TUNING. This is not to be confused with mechanical tuning devices which require a movement of the entire dial.

MERELY TOUCH THE BUTTON AND THERE'S YOUR STATION

The Lafayette Touch Tuner requires no twirling of the dial. Just touch a button and an ELECTRICALLY-DRIVEN motor does the work for you. Eight buttons are provided for as many stations. Initial adjustments are so simple that even the lady of the house can do them. Requires no tools, knowledge or getting into the back of the set. The conventional calibrated dial is provided for manual tuning for short-wave stations, etc.

ALL-WORLD—ALL-WAVE

Its tuning range of 13.7 to 568 meters is CONTINUOUS and is covered in three separate bands. Note the low reach of this coverage; short-wave stations are heard that other sets can not tune down to. The world is at your fingertip.

MYSTIC "EYE" TUNING

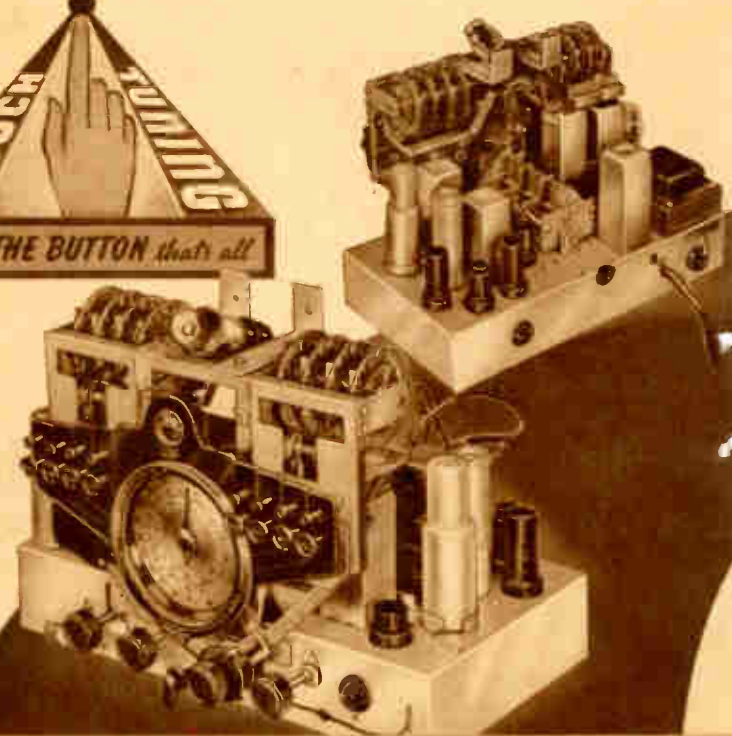
Makes possible precision tuning by anyone in the family when tuning by knob and dial. The "eye" tells you when the station is perfectly tuned. This is important because perfect tuning is essential for perfect reproduction.

USES AN R.F. AMPLIFIER

The tube complement comprises 2-6K7's, 2-6J7's, 2-6C5's, 1-6H6, 2-6F6's a 5Y3 and a 6G5. These include nine all-metal and two glass types (the rectifier and "eye"). One of the 6K7's is used as a r.f. amplifier—a feature found only in the finest receivers.

AUDIO IS COMPENSATED

A compensating circuit is used to automatically increase high and low frequency response. You hear EVERY note that enters the microphone at the studio. Perfect balancing and matching of the audio circuit and special speaker permits fidelity flat within 6 db over the audible range down to 50 cycles! Truly high-fidelity reproduction.



Custom Built

HIGH FIDELITY •

ELECTRIC with **TOUCH TUNING**

Lafayette AGAIN... IS OUT IN FRONT!

IT is only fitting that fine craftsmanship of all fields should be co-related. That is why the cream of the cabinet makers art was chosen to house the peak product of modern radio engineering. You will be proud to give this stunning console cabinet a place in your home.

CONSOLE MODEL B34

Lafayette 11-tube, all-wave, Electrical Touch Tuning superheterodyne complete with all tubes, in console cabinet as illustrated. Size, 41 $\frac{1}{8}$ " high, 26" wide, 15 $\frac{1}{8}$ " deep. For operation on 105/130 and 210/260 volts, 40/60 cycles a.c. Shpg. wt 100 lbs. Code, BUCLE.

List Price \$145.00. YOUR COST..... **\$77.50**

MODEL B33

CHASSIS AND SPEAKER ONLY

For those who desire to retain their present cabinet but wish to replace the receiver, we have made available the chassis, speaker and tubes as illustrated on page 20.

Lafayette 11-tube, all-wave, Touch Tuning superheterodyne chassis and speaker with tubes, less cabinet. Size of chassis, overall, 12" high, 16 $\frac{3}{8}$ " wide, 11" deep; size of speaker, 12" diameter, 5 $\frac{1}{2}$ " deep. Voltage range as above. Shpg. wt. 49 lbs. Code BEMIL.

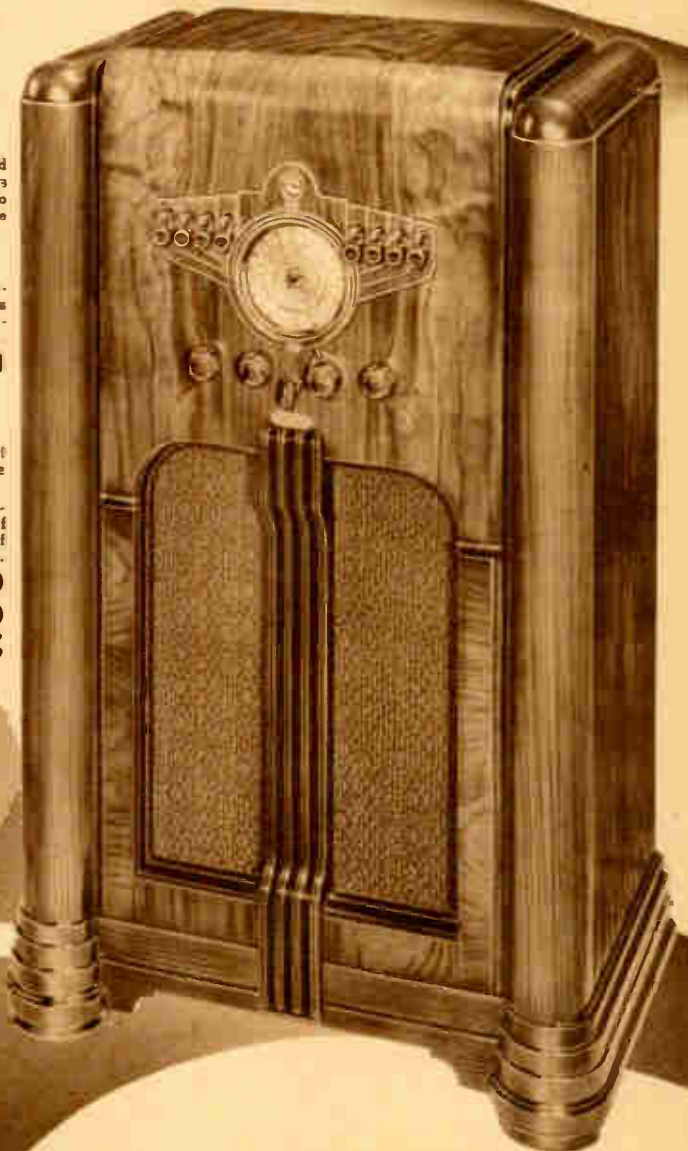
List Price \$119.00. YOUR COST..... **\$59.50**

Phone cable assembly for above, 27" long. **\$1.50**

K20835-YOUR COST..... **\$2.25**

Lafayette All-Wave Aerial Kit. **\$2.25**

K16479-YOUR COST.....



- ★ Tunes By Electricity
- ★ Improved 12" Dynamic
- ★ Covers ALL Short Waves
- ★ Audio Compensator
- ★ Automat. Tone Expander
- ★ All-Range Transformer
- ★ Mystic "Eye"

THERMOSTATICALLY CONTROLLED CIRCUITS

Variation in circuit alignment as caused by drifting due to changes in temperature and humidity are practically eliminated. The oscillator and i.f. circuits are "drift-proofed" by the application of a unique thermostatic compensating condenser and the use of special air type and sealed condensers.

CONTINUOUS WAVE *Superhet*

with Electric
TOUCH-

13 Tube
LAFAYETTE

The
World's Finest
and Most Advanced
Superheterodyne Receiver

With New Acousti-Chambered Cabinet
The Set of Tomorrow is Available Today

A MIRACLE OF TUNING EASE



YOU have been waiting for this receiver and hoping you could afford to buy it when it did arrive. Well, it is here—even finer than you had hoped for—and it costs less than you expected! It is the sensation of the radio industry—and deservedly so. The radio laboratories of the world were combed for every development that spells better reception—if it is worth-while, it is in this phenomenal receiver.

A FINGER-TIP TUNES IT!

First, it has **ELECTRICAL Touch Tuning**. This is not to be confused with mechanical devices that require a movement of the dial. There is nothing to move—merely touch a button and an **ELECTRIC MOTOR** does the work for you. The young fellow who was kind enough to pose for us (or his sister), can actually tune in his favorite station without calling for adult assistance. There are eight buttons for as many stations, and, of course, a conventional tuning dial is also provided for other broadcast stations and short-wave reception.

You may choose eight different stations for the control buttons as often as you desire. This can be accomplished by anyone without tools or technical knowledge; par for even the lady of the house should be about five minutes for the job!

THE ACOUSTI-CHAMBER IS NEW

Tune in on a symphony orchestra and note the "third dimensional" effect that this remarkable development offers—tone that makes you forget you are listening to a radio receiver and not the performer in person! The cabinet is **TUNED** to match the speaker!

POWER OUTPUT OF 20 WATTS

You might ask, "Why do I need this enormous reservoir of power sufficient for an auditorium of 2000 people?" The answer is simple—the flawless reproduction of **EVERY** note requires that this reserve be available.

12" SUPER-DYNAMIC SPEAKER

To handle this power with high fidelity, a specially-designed symphonic type speaker is furnished. Perfect, three-way balance is achieved between the audio circuit, the speaker and the Acousti-Chambered cabinet. The quality is superior to anything you have ever heard—in the language of the engineer, fidelity is flat within 6 db from 30 to 6500 cycles.

BASS-TREBLE TONE CONTROL

A turn of a knob and you can shade the tone to suit your own musical taste from lowest bass to highest treble.

HAS HIGH-FIDELITY SWITCH

A turn of a switch permits either knife-edge tuning for efficient short-wave tuning, or maximum band passage when high fidelity is desired.

TUNES IN THE WORLD

Three separate tuning bands offer continuous short-wave reception: 13.7 to 47.7, 47 to 166 and 164 to 570 meters. Note the unusually low 13-meter coverage. **EVERY** type of short-wave communication is available.

INCORPORATES DX SWITCH

A two-point switch on the back of the chassis enables quieter reception on average signals and maximum sensitivity when tuning distant stations.

CATHODE-RAY TUNING "EYE"

When tuning in stations by means of the knob and dial, the tuning "eye" permits precision tuning minus guess-work, and assures perfect reproduction.

"BEAM POWER" OUTPUT TUBES

TWO of these remarkable tubes are used in the amplifier; the complete tube complement is: 3-6K7s, 3-6C5s, 2-6L6Gs, 6J7, 6H6, 2-5Y3s and a 6G5.

R.F. PRESELECTION

A stage of r.f. amplification is used on all bands for increased selectivity and sensitivity.

AMPLIFIED AUTO. VOL. CONTROL

Assures steady volume and easy tuning. All blasting when tuning from weak to strong signals is eliminated.

COMPENSATED AUDIO SYSTEM

Automatic control enables increase in high and low note response when listening at reduced volume. Because of this circuit, not a note is "lost."

WIDE-RANGE TRANSFORMER

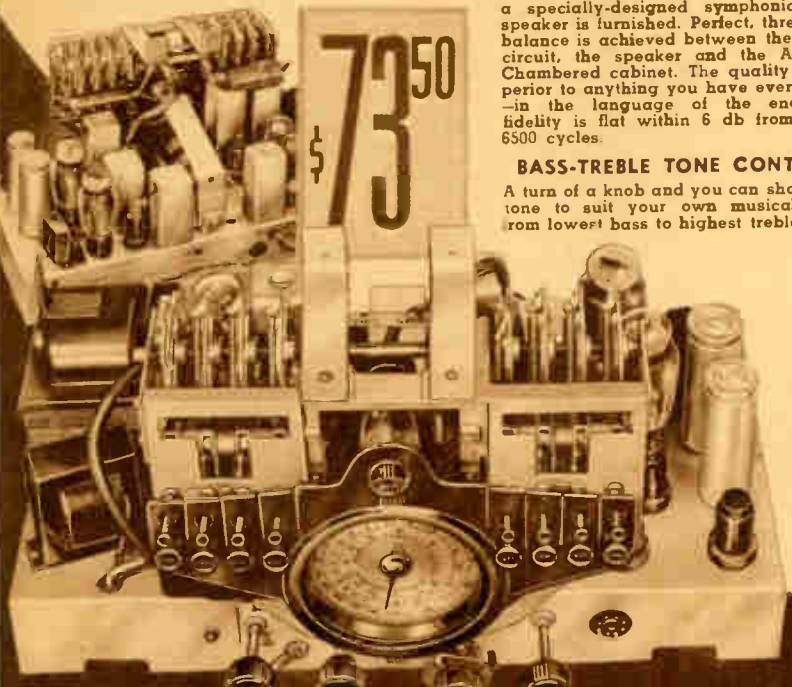
Plug it into any 40-60 cycle a.c. socket. A switch permits operation on either 110 or 220 volts without the need of special appliances.

CHASSIS AND SPEAKER ONLY

Model B43

Chassis, speaker and tubes only, less cabinet. Size, 12" high, 20 1/4" wide, 11 1/2" deep. Shpg. wt. 70 lbs. Code, BROUT. List Price \$147.00.

YOUR COST.....**\$73.50**



\$73.50

CUSTOM BUILT

throughout

TUNING

3 Band ALL WAVE SUPERHET

*Just touch a button.
the set does the rest.*



LOOK at that grin And why not? Although he is too young to be an engineer he has just tuned in his favorite program by merely touching a button—and it's tuned in with engineering precision! No longer does he have to call on mother or dad. Nor do mother and dad have to squint and jiggle the dial hoping they tune in their program well enough.

Here is a radio that is streamlined with the times. It has been humanized—it now responds to a touch and immediately pours forth music and entertainment that can not be told from the original that enters the microphone at the studio.

MODEL B-44

Lafayette 13-tube, 3-band, Electrical Touch-Tuning console superheterodyne complete with all tubes. Size: 41 1/4" high, 24" wide, 14 1/4" deep. For operation on 105/130 and 212/258 volts, 40/60 cycles a.c. Shpg. wt. 110 lbs. Code BOCHA.

List \$189.50. **\$94.75**

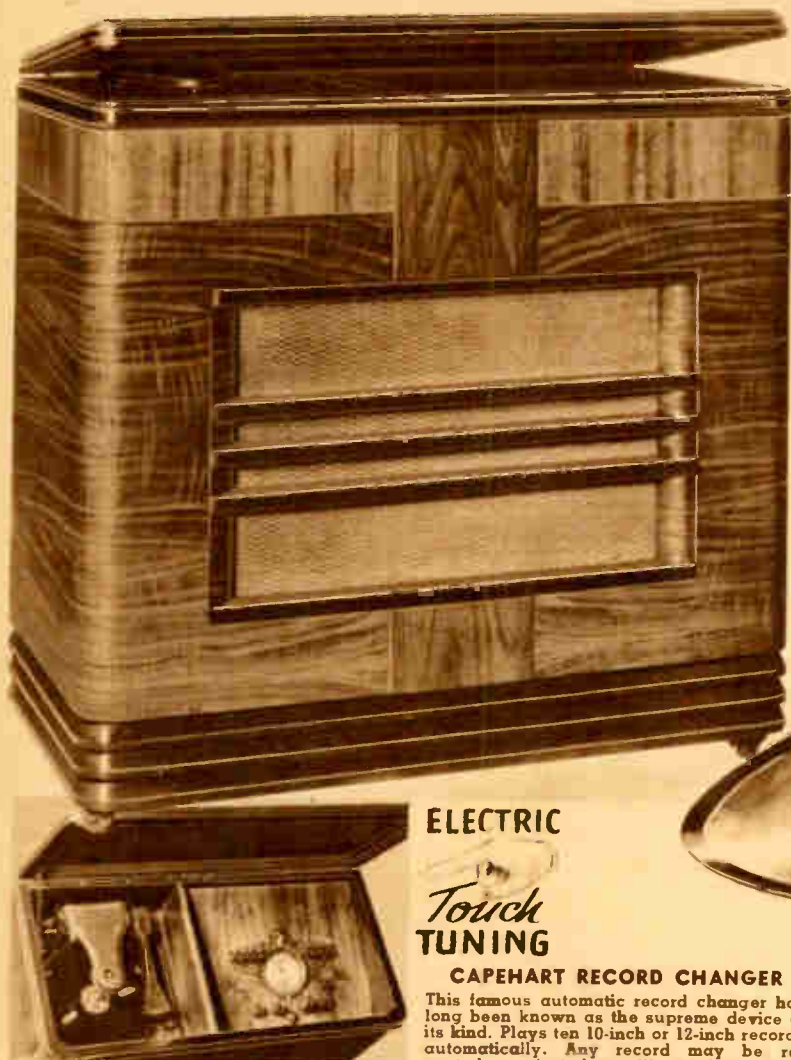
YOUR COST...
Lafayette All-Wave Aerial Kit. When used with above receiver will get you more distance, louder and with less noise. Easy to install.

K16479— **\$2.25**

\$94.75



Fully Automatic CAPEHART-Lafayette



- ★ Automatic Record Changer
- ★ Will Play Ten Records
- ★ Plays 10" or 12" Records
- ★ Two Speed Phono Motor
- ★ 13-Tube Superheterodyne
- ★ Electric Touch Tuning
- ★ Compensated Audio
- ★ Tone Expanding Circuit
- ★ Super-Dynamic Speaker
- ★ Twenty Watt Output
- ★ Cathode Ray "Eye"
- ★ Covers 13.7-570 Meters



ELECTRIC

Touch TUNING

CAPEHART RECORD CHANGER

This famous automatic record changer has long been known as the supreme device of its kind. Plays ten 10-inch or 12-inch records automatically. Any record may be repeated or rejected at will. A reject button silences the record being played and automatically places the succeeding record in position for playing. Records may be repeated indefinitely.

TWO SPEED MOTOR

The Capehart automatic record changer in this combination is equipped to play records of either 33-1/3 or 78 r.p.m. types by means of a dual-speed motor. In addition, a speed control lever permits adjustment for pitch variation, etc.

HIGH FIDELITY PICK-UP

The balanced Capehart high-fidelity pick up is capable of the finest possible reproduction, having a flat frequency response from 30 to 10,000 cycles. This guarantees the utmost in tone quality from any commercially available recording.

UNDISTURBED LISTENING

The Capehart record changer requires no further attention once the records are stacked and the starting switch turned on. Ten 12-inch records will provide approximately 50 minutes of undisturbed listening.

RECORDS PLAY IN SUCCESSION

The ten records are stacked in succession and drop one on the other until the entire stack is played. Any record can be repeated or rejected at will. Last record repeats until the switch is turned to the "off" position.

COMPENSATED AUDIO CIRCUIT

For absolutely true-fidelity reproduction of voice and music the audio circuit of this unit through which both radio and phonograph recordings are reproduced with 20 watts of distortionless power is fully compensated. This ensures your hearing everything that enters the microphone.

12 INCH CONCERT SPEAKER

To accommodate the powerful output of this circuit the finest 12 inch speaker available has been incorporated. A continuously variable tone control provides extremely wide range response.

BEAUTIFUL MODERN CONSOLE

Rich looking, of high-polished walnut with delicately contrasted graining it is fully worthy of containing this superb radio and phonograph instrument.

Model B46

Capehart-Lafayette radio-phonograph combination, including 13-tube, 3-band Electric Touch Tuning superheterodyne with all tubes and Capehart Automatic Record Changer. For 110 volts 50/60 cycles a.c. Size: 33" high, 37 1/2" wide, 18" deep. Shpg. wt. 220 lbs. Code BLOOM. List Price \$399.00.

YOUR COST..... **\$199.50**

Model B45

Lafayette 13-tube all-wave radio-phonograph combination same as above, less Capehart record changer but with Green-Flyer 2-speed motor and hi-fidelity pick-up. Shpg. wt. 210 lbs. Code BURRA. List Price \$359.00.

YOUR COST..... **\$179.50**

For 220 volt operation add \$2.00.

THE MUSICAL INSTRUMENT SUPREME

Here, in one superb cabinet, are the two finest instruments of their kind we have ever been privileged to offer to the music loving public. The new 1938 Lafayette All-Electric TOUCH-TUNING 13-tube, 3-band superheterodyne provides the ultimate in radio instruments while the superlative Capehart fully automatic record-changer phonograph unit adds the last word in reproducing equipment. All in all this combination is to other radio-phonograph combinations what the peerless Stradivarius violins are to other violins—that which they can only hope to imitate.

RELAXED MUSICAL ENJOYMENT

No greater contribution to completely relaxed musical enjoyment has ever been made. Touch a button and the station you want to hear flows in perfectly tuned or touch a button and hear the world's treasures of recorded music! This is a truly modern instrument for the modern music lover! It will be a joy forever.

1938 ELECTRIC TOUCH TUNING

The new radio miracle, Lafayette touch-tuning, all-electric and virtually foolproof is one of the many features of the 13-tube all-wave superheterodyne. Full description on page 20.

PHONO-RADIO

Combination

THE VOCO-MASTER

This splendid radio-phonograph combination incorporates the new 1938 All-Electric TOUCH-TUNING in a Lafayette 11-tube, all wave super heterodyne and a high-fidelity phonograph unit using the famous Green Flyer motor with two speeds. It is truly a musical instrument in the finest sense.

11-TUBE SUPERHET

One of the greatest products of Lafayette engineering this 11-tube superhet has every known receiver development. Greatest of these is the new Touch-Tuning which permits you to tune your station by the mere touch of a button.

HI-FIDELITY PHONOGRAPH

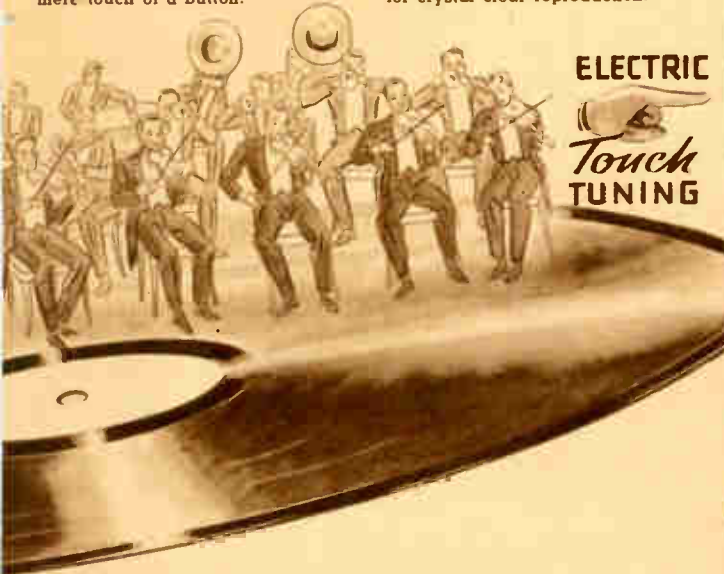
To tap the deep sources of pleasure found in recorded entertainment a high fidelity phonograph that will satisfy the most discriminating is included.

TWO SPEED MOTOR

A Green Flyer motor enables you to play either 33-1/3 or 78 r.p.m. records faithfully. A high-fidelity electric pick-up capable of wide range frequency response with no distortion. Automatic stop device for greater convenience.

12 INCH CONCERT SPEAKER

A powerful electro-dynamic speaker for crystal clear reproduction.



ELECTRIC

Touch
TUNING



The superheterodyne features, in addition to the sensational Touch-Tuning (fully described on page 20) such other advancements as a tone expander which, by means of a high fidelity switch, permits reception of all of the sidebands, lost on ordinary receivers.

MYSTIC "EYE"—AUDIO COMPENSATOR

The cathode ray tuning "eye" enables you to tune this set with engineering precision, thus assuring you full use of the new audio compensating circuit. This latter automatically increases high and low frequency response on both recordings and radio reception. Its full-bodied tone will amaze you with its startling realism. Has automatic volume control and continuously variable tone control.

5-Tube A.C.-D.C. Radio Phonograph

This remarkable little phonograph-radio combination is a veritable giant in quality reproduction from both its units. Radio will operate anywhere on 110 volts a.c. or d.c. Phono motor is the 110 volt a.c. induction type.

Ample Audio Output

A powerful 43 pentode power output tube supplies sufficient distortionless volume for any requirement. The time-tried tuned radio frequency circuit employs 5 high-gain multi purpose tubes: a 6C6, 6D6, 43, 25Z5 and a C-9266.

Self-Contained Aerial

A built-in aerial eliminates the need for outside antennas and permits placing this fine little unit near any convenient outlet.

Electro-Dynamic Speaker

Reproduction life-like in quality is provided by a large electro-dynamic speaker for both units.

Plays 10"—12" Records

Either 10 or 12 inch records may be played. The lid is equipped with slip-hinges for quick and easy removal. High-fidelity pick-up has wide range frequency response for 78 r.p.m. records.

Extended Tuning Range

Covering a wide tuning range from 176 meters to 545 meters the receiver tunes in all standard American broadcasts as well as the upper police bands.

Variable Tone Control

On both recordings and radio a sensitive tone control permits variation of basses and trebles.

Charming Modern Cabinet

Warm walnut - shaded hardwood cases this attractive unit, set off by its beautiful gold-faced dial.

Model FS-60 - Lafayette 5-tube 110 volt a.c.-d.c. radio-phonograph combination, all tubes. Wt. 22 lbs. Size: 13" x 10 7/8" x 10". List \$55.90.

Code FIACO. **\$27.95**
YOUR COST.....

WORLD WIDE SHORT-WAVE COVERAGE

The entire world of radio entertainment is yours with all the radio spectrum from 13.7 to 568 meters covered. 11 tubes used. Housed in a combination cabinet 41 1/2" high, 23 3/4" wide and 17" deep of rich walnut.

Model E38—Lafayette 11-tube all-wave radio-phonograph combination, with all tubes, for 110 volts 50/60 cycles a.c. Wt. 108 lbs. Code BRUNO. List Price \$229.50.

YOUR COST..... **\$114.75**
Same as above but for 220 volt operation—Add.....\$2.00



FOR EASY TIME PAYMENT PLAN SEE PAGES 89-92

Lafayette



9 Tube 3 BAND SUPERHET

Overall construction is of the "battleship" type. The chassis non-corrosive and will last indefinitely. Electrical components are conservatively rated and oversized so as to give long, trouble-free service. The cabinet is a thing of beauty. Rubbed walnut veneers are contrasted with darker modernistic grille bars to present an exceedingly smart effect.

AC-DC MODEL C57

Lafayette 9-tube, 3-band, a.c.-d.c. superhet with tubes. For operation on 110/125 volts, a.c. or d.c. Size, 13 1/2" high, 25" wide, 11 1/2" deep. Shpg. wt. 42 1/2 lbs. Code, GABBY. List Price \$99.00.

YOUR COST \$49.50

EUROPEAN A.C.-D.C. MODEL C-59. Similar to above, but equipped with 835 to 2050 meter band in place of 83.3 to 214 meter band. Code, GOMEZ. List \$99.00.

YOUR COST \$49.50

For 220 v. a.c.-d.c. operation, add \$3.00

AC MODEL C85

Lafayette 9-tube, 3-band, a.c. superhet with tubes. For operation on 110 125 volts, 50/60 cycle a.c.; tube complement: 6H6, 6A8G, 3-6K7s, 6F5, 6V6G, 80, 6U5; otherwise similar to a.c.-d.c. model C-57. Code, GLOAT. List \$99.00.

YOUR COST \$49.50

EUROPEAN A.C. MODEL C-63. Similar to Model C-85, but equipped with 835 to 2050 meter band in place of 83.3 to 214 meter band. Code, GENEK. List \$99.00.

YOUR COST \$49.50

For 220 v. a.c. operation, add \$2.50

THIS Lafayette A.C.-D.C. superheterodyne when operated on D. C. will out-perform and sound better than many A.C. sets selling at twice the price. It is one of the Lafayette legal line—the finest sets available today.

AN R.F. PRESELECTOR is used on ALL bands for greater distance and selectivity.

CATHODE-RAY TUNING by means of the famous "eye" permits any one in the family to obtain perfect reproduction.

"BEAM POWER" OUTPUT TUBES, the latest in radio tube development, help give this set the magnificent tone and reserve power which amaze all who listen to it. The complete tube complement is (a.c.-d.c.): 2-25L6, 2-25Z6G, 6Q7, 6B8G, 6A8G, 6K7 and 6U5.

ALL-WORLD, 3-BAND RECEPTION will permit you many thrilling evenings. The bands are 16 55 1/2, 83.3-214 and 193-560 meters. Foreign reception is guaranteed.

AUTOMATIC VOLUME CONTROL helps you enjoy DX listening by minimizing fading.

NOISE REDUCING CONTROL—an innovation found only on the largest and finest sets in part of this receiver.

TO NE CONTROL is continuously variable from bass to high treble.

8" ELECTRO-DYNAMIC SPEAKER will handle the full output of the amplifier with stirring fidelity. Not a note is "lost."

GIANT CALL-LETTER DIAL . . . this novel feature permits you to tune in your favorite domestic or foreign station by its call letters and not by a number. Meters and kilocycles are also indicated on this beautifully gold-finished, illuminated dial. The tuning "eye" is built into the dial design.



12 Tube 4 BAND SUPERHET

MIGHTY 12-tube power, 4-band all-wave coverage, sensational tone quality on D.C. and a host of outstanding technical features make this Lafayette 12-tube A.C.-D.C. superheterodyne a peerless value.

R.F. PRESELECTION is incorporated as an additional stage of amplification on ALL bands. It means greater distance and selectivity and fewer "birdies."

"BEAM POWER" OUTPUT TUBES—four of them! Give you a reservoir of power and purity of amplification that will amaze you. The tube line-up is (for a.c.-d.c.): 4-25L6s, 3-25Z6Gs, 6Q7G, 6B8G, 6K7, 6A8G and a 6U5.

CATHODE-RAY TUNING "EYE" makes precision tuning a simple matter for everyone in the family. Just watch the "eye" blink.

HAS FEATURES FOUND ONLY IN SETS SELLING AT TWICE THE PRICE

ALL-WAVE WITH 4 BANDS to cover short, broadcast and long waves: 13 to 41, 40 to 130, 173 to 555 and 835 to 2050 meters, European long and short-wave broadcasts, police, amateur, aircraft, commercial and ship communications are at your command. You will never tire of the thrills that can be obtained.

NEW "GLO-ART" DIAL indicates automatically and in separate glowing colors, band in use. Calibrations are not only in meters and kilocycles, but in call letters as well. Tune to your favorite domestic or foreign station without referring to tables, and the necessity of mathematics. The dial is tastefully gold-finished and has incorporated in its design the tuning "eye."

AUTOMATIC VOLUME CONTROL assures fadeless reception and freedom from annoying blasts when tuning from weak to strong signals.

WIDE-RANGE TONE CONTROL will shade the timbre of reproduction to suit the personal taste of the listener.

10" ELECTRO-DYNAMIC SPEAKER. Designed in the modern manner to handle the powerful output of the amplifier and reproduce EVERY note that enters the studio microphone.

NOISE REDUCING CONTROL—a boon to the city dweller. Now every program can be enjoyed with a minimum of annoying background noises. Merely adjust the control until the noise intensity is at a minimum, and sit back.

Lafayette



AC-DC MODEL C77

Lafayette 12-tube, 4-band, a.c.-d.c. superheterodyne with tubes. For 110 125 volts a.c. or d.c. Size, 13 1/2" high, 25" wide, 11 1/2" deep. Shpg. wt. 45 lbs. Code, GRAZA. List \$123.00.

YOUR COST \$61.50

For 220 v. operation, add \$3.00

AC MODEL C81

Similar to above, but for operation on 110, 120 volts, 50 60 cycles a.c. Tubes: 2-6V6, 3-6J5G, 3-6K7, 80, 6A8G, 6H6, 6U5. Code, GRAIN.

YOUR COST \$61.50

For 220 v. operation, add \$3.00

26 SPECIAL EXPORT LONG-WAVE AND DOMESTIC

16 Tube 4 BAND High Fidelity SUPERHET

AVAILABLE FOR AC-DC or AC OPERATION

Here is the receiver that assures the dc user of radio results that are the equal of those obtained with any ac receiver. In many cases it will out-perform them.

"BEAM POWER" OUTPUT TUBES are included in its complement of 16 modern tubes (ac-dc model): 4-25L6 "beam power" tubes, 3-25Z6G, 4-6K7s, 6H6, 6F5, 6J5G, 6A8G, and a 6G5 CATHODE-RAY TUNING "EYE." R.F. PRESELECTION is used on ALL wave bands.

AUTOMATIC FREQUENCY CONTROL actually "pulls" the station into resonance even if improperly tuned in. This means perfect reproduction. **ALL-WAVE RECEPTION** is afforded from 13 to 2050 meters in four separate bands: 13 to 41 meters, 40 to 130 meters, 173 to 555 meters and 835 to 2050 meters. This gives complete coverage of ALL wave bands now in use for broadcasts.

IRON-CORE I.F. TRANSFORMERS assure maximum sensitivity. Foreign reception is guaranteed.

GIANT CALL-LETTER DIAL is calibrated in kilocycles, meters and call-letters of all major foreign and domestic stations. The tuning "eye" is part of the dial design which is tastefully gold-finished.

12" AUDITORIUM SPEAKER provides theatre-like reproduction for your fullest enjoyment.

NEW ACOUSTI-CHAMBERED cabinet is designed to give an infinite baffle effect. EVERY note from the highest to the lowest is heard.

VARIABLE TONE CONTROL offers YOU the privilege of shading the tone to suit YOUR musical taste.

MODERNE WALNUT CABINET will add a touch of dignified beauty.

AC-DC MODEL C82

Lafayette 16-tube, 4-band, high-fidelity superhet with all tubes. For operation on 110 120 volts a.c. or d.c. Size, 41 1/4" high, 24" wide, 14 1/4" deep. Shpg. wt. 105 lbs. Code, GLARA.

List \$189.50. **\$94.75**

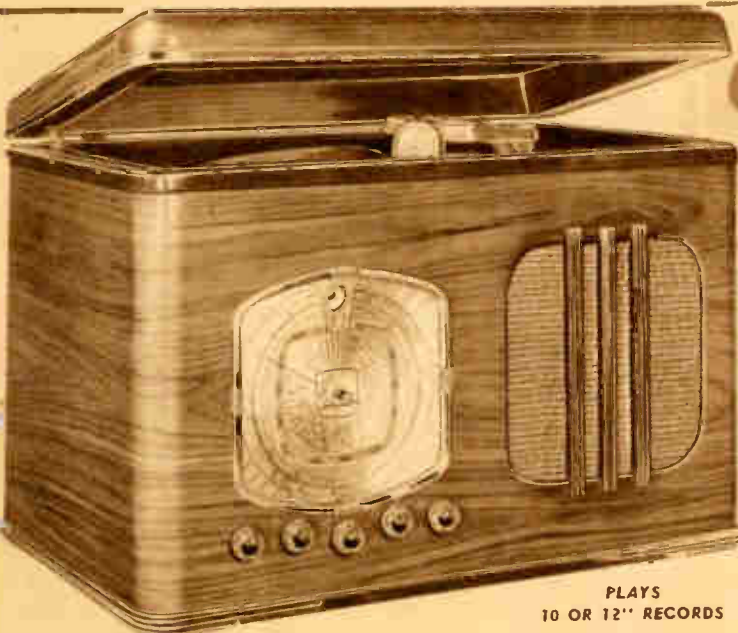
YOUR COST For 220 v. operation, add....\$3.00

AC MODEL C89

Similar to above, but for operation on 110/120 volt, 50/60 cycle a.c. Tube complement: 2-6V6G, 3-6J5G, 5-6K7, 6A8G, 6G5, 2-6H6, 2-80. Code, GESTO.

List \$189.50. **\$94.75**

YOUR COST For 220 v. operation, add....\$3.00



AC-DC MODEL C69

Lafayette 9-tube, 3-band phono-radio combination with tubes. For 110 120 volts a.c. or d.c. Covers 16-560 meters in 3 bands. Size, 17 1/2" high, 25" wide, 15 3/4" deep. Shpg. wt. 59 lbs. Code, GOVIN. List \$155.90.

Model C-74 - Similar to above, but with 835-2050 meter band. Code, GOYBO.

YOUR COST **\$77.95**

EITHER MODEL For 220 v. ac-dc operation, add \$5.00

AC MODEL C86

Lafayette 9-tube, 3-band phono-radio combination with tubes. For 110 120 volts, 50 60 cycle a.c. Covers 16-560 meters in 3 bands. Size, 17 1/2" high, 25" wide, 15 3/4" deep. Shpg. wt. 66 lbs. Code, GAMBO. List \$149.90.

Model C-68 - Similar to above, but with 835-2050 meter band. Code, GALNA.

YOUR COST **\$74.95**

EITHER MODEL For 220 v. operation, add \$5.00

Lafayette 9 Tube 3 BAND "LITTLE SYMPHONY"

PHONO - RADIO Combination

THE ENTERTAINMENT YOU WANT
WHEN YOU WANT IT

Music lovers will find in this superb instrument everything they have sought. Flawless rendition of recordings of THEIR choice and magnificent radio reproduction of their favorite programs. It is a "lifesaver" of parties-with no radio dance music, merely switch to the record player, get out your favorite dance recordings and "swing your partner."

AVAILABLE FOR AC-DC OR AC

The radio set is the 9-tube, 3-band masterpiece described in full on the preceding page and can be obtained either for ac-dc or ac operation. The ac-dc model offers the same brilliant performance as the ac model.

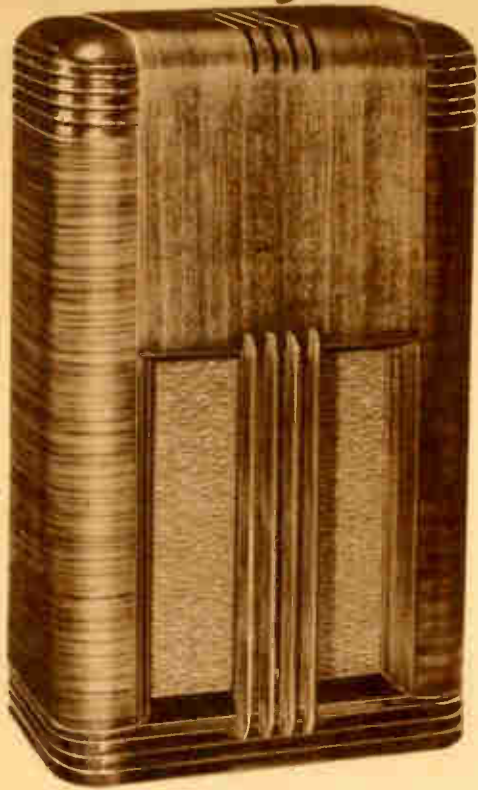
TWO-SPEED PHONO MOTOR

The turntable will take up to 12" recordings of the 33-1/3 or 78 r.p.m. type; motor accessories include automatic stop and speed control. The pick-up is of the high-fidelity type and will do more than justice to the finest recordings.

A VARIABLE TONE CONTROL is provided for bass or treble emphasis on both radio and record reproduction. No winding is necessary-the motor is an exceptionally smooth and quiet electric-driven unit. A hinged-cover, handsome walnut cabinet houses the complete assembly.

SHORT-WAVE MODELS... supplied in AC or AC-DC²⁷

Beautiful consoles and combination



MODERNE (at left)

Smooth-flowing, streamlined, modern—a beautifully proportioned high polished walnut cabinet to dress up your set and enhance your home. Carefully matched graining and louvered corners. Recessed grille fronted by deeper tone pilasters. Dark stripings on top carry out the motif. Overall size: 24" wide, 41 $\frac{1}{4}$ " high, 14 $\frac{1}{4}$ " deep. Inside dimensions: 22 $\frac{1}{4}$ " wide, 39 $\frac{1}{2}$ " high, 12 $\frac{3}{4}$ " deep. Instrument panel area 14 $\frac{1}{2}$ " wide, 15" high. Perfect acoustic sound chamber. Shpg. wt. 58 lbs.

Model 912—Code CRAVE.

List Price \$53.90. **\$26.95**

YOUR COST.....

RONLEY (at right)

A large console cabinet exquisitely designed and constructed with rare craftsmanship. Of warm, two-tone walnut, delicately grained. Will accommodate any sized chassis and speaker. Patterned frieze grille cloth. Widely spaced pilasters. Overall dimensions: 22 $\frac{1}{4}$ " wide, 39 $\frac{3}{8}$ " high, 13" deep. Inside dimensions: 19" wide, 39 $\frac{3}{8}$ " high, 12 $\frac{1}{4}$ " deep. Large instrument panel area, 13" wide by 14 $\frac{1}{2}$ " high. Shpg. wt. 42 lbs.

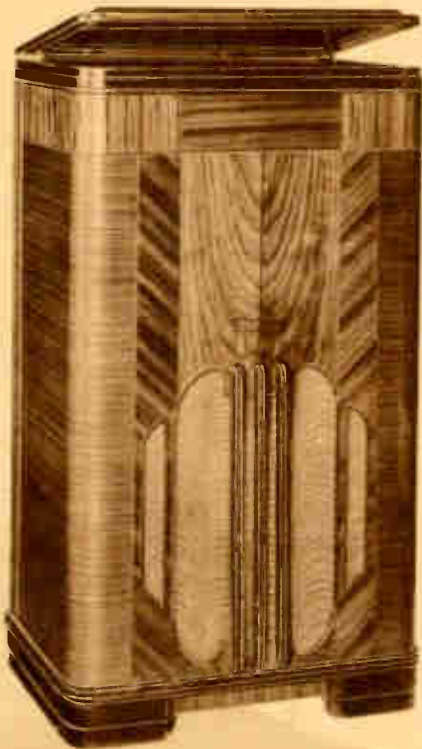
Model 970—Code CLIVE.

List Price \$39.00.

YOUR COST..... **\$19.50**



MAKE YOUR OLD SET LOOK *New* AGAIN!



SONETTE (at left)

A true patrician in styling and workmanship this contrastingly grained two-toned walnut radio-phonograph combination cabinet will add prestige and elegance to any home. Deep, spacious top will accommodate any two-speed phonograph motor and 12 inch turntable. Sound chamber reworked acoustically for perfect reproduction. Patterned frieze grille. Overall size: 22 $\frac{1}{2}$ " wide, 40 $\frac{1}{4}$ " high, 15 $\frac{1}{2}$ " deep. Inside dimensions: 20 $\frac{1}{2}$ " wide, 35 $\frac{1}{2}$ " high, 14 $\frac{1}{2}$ " deep. Instrument panel area: 15" wide by 13" high. Shipping weight 52 lbs.

Model 980—Code CAVES.

List Price \$51.50.

YOUR COST..... **\$25.75**

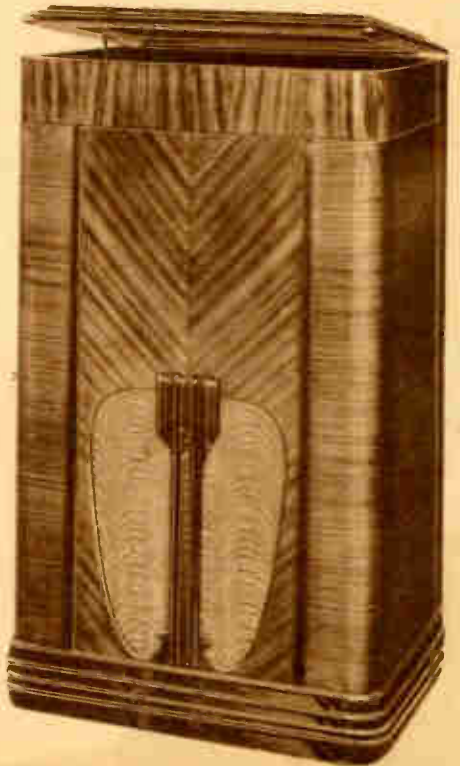
FLORENZE (at right)

Delicately matched graining adds effectively to the simple, dignified lines of this handsome walnut combination cabinet. Any two speed motor will fit comfortably in its spacious phonograph compartment. Darker toned base, grille pilasters and drop lid enhances further its beauty. Sound chamber acoustically accurate for any size speaker. Sturdily constructed it will give long service. Overall dimensions: 38" high, 22 $\frac{1}{4}$ " wide, 15" deep. Inside size: 33 $\frac{1}{2}$ " high, 20 $\frac{1}{4}$ " wide, 14 $\frac{1}{8}$ " deep. Instrument panel area: 13" wide by 13 $\frac{1}{2}$ " high. Shpg. wt. 50 lbs.

Model 971—Code CLEFF.

List Price \$43.90.

YOUR COST..... **\$21.95**



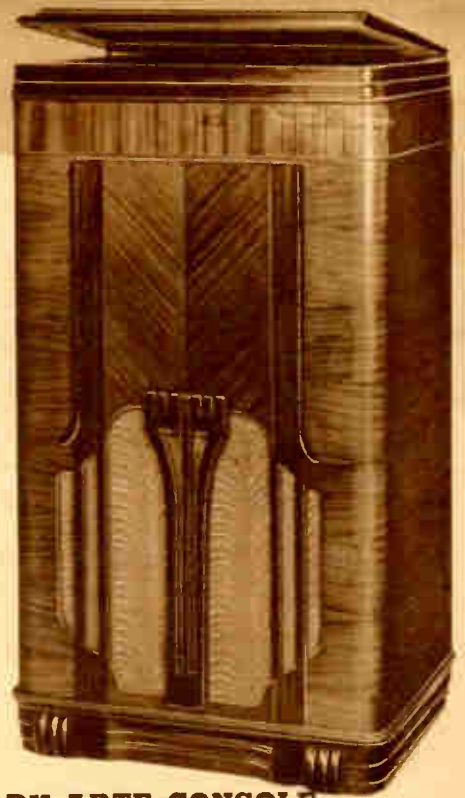
cabinets by Lafayette



DUETTE CONSOLE

Good taste, beauty of line and graining, combined with exquisite craftsmanship make this duo-toned walnut radio-phonograph combination console a welcome addition to any home. Will accommodate automatic record changer, and 12" concert speaker. Radio chassis mounts on inclined panel. Overall size: 37" wide, 33" high, 17" deep. Inside: 36" wide, 22" high, 17" deep. Motor board compartment 18 1/2" x 15 1/2" x 7 1/2" deep. Wt. 152 lbs. Code CHASE. **Model 976** List \$99.00. **YOUR COST**.....

\$49.50

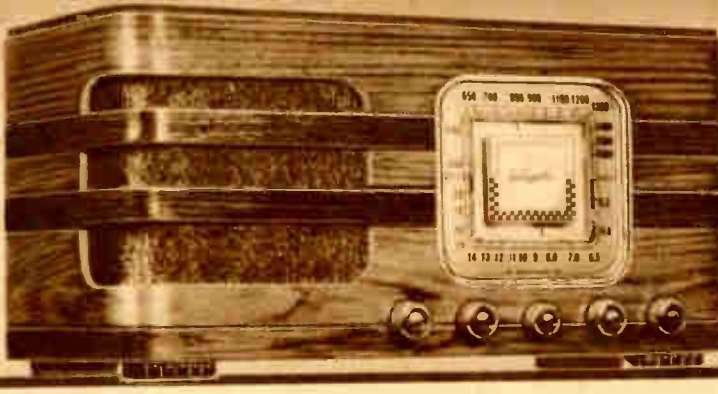


DU-ARTE CONSOLE

A very handsome, high polished two-toned walnut combination cabinet for both radio and phonograph. Lid top, grille pilasters and base of darker walnut. Accommodates two speed phonograph motor, radio chassis and speaker. Overall: 23 1/2" wide, 41 3/4" high, 17" deep. Inside: 20" wide, 35" high and 15 1/2" deep. Instrument panel area: 13" wide, 13" high. Shpg. wt. 53 lbs. Code CASTE. List \$55.00. **Model 979** **YOUR COST**.....

\$27.75

*dual
power
6 tube
Superhet*



*two
sets
in
ONE!*

AMAZING RADIO VALUE

A genuine two-in-one radio that really performs equally well on a 6-volt storage battery or on 110 volts a.c. A powerful 6-tube superheterodyne incorporating every advanced feature, including 2-band European reception.

Ideal for the Trailer

If you follow the call of the open road in a trailer here's the radio you need. Only 3 ampere drain on the storage battery yet it supplies full-toned home reception while you spin along going places. Once home you can transfer the set to any 110 volt a.c. socket and hear your radio favorites. It's truly a "Universal" set.

Fine for Motor Boats

Equip your cruiser with this duo-power superhet and keep in touch with things ashore. When you dock carry it to your port home. It's a personalized radio.

Operates on 6-Volt Battery or 110 Volt A.C.

This versatile superhet actually performs as well on storage battery power as on 110 volts 50/60 cycle a.c. These modern, multi-purpose high gain tubes permit this: a 6A8, 6R7, 6Q7, 12A5, 25Z5 and an L49C ballast.

Foreign Reception

In addition to the standard American broadcasts on 193 to 555 meters the more important European short-wave stations may be tuned in on the 18.4 to 52 meter band. Automatic volume control prevents fading and blasting.

Alnico Speaker

Taking advantage of the wonder of the powerful new Alnico magnet for non-energized speakers gives rich, full-toned reproductive qualities to the splendid speaker without additional drain on your battery. Tone control to suit your own taste.

For Country Places

If you are an inveterate week-ender or spend months at your country retreat this is the perfect receiver for you. Light enough to be easily carried, you won't mind taking it wherever you go.

Modern Walnut Cabinet

Housed in a strikingly modern cabinet of fine two-tone hardwood, highly polished, it will grace any spot. Sturdily constructed to stand much moving around it will give years of hard, consistently fine performance. Overall size: 18 3/4" long, 8 1/2" deep and 9 3/4" long. Gold finished airplane dial.

Model D32

Lafayette 6-tube, 2-band duo-power superheterodyne, complete with all tubes! For 6 volts d.c.—115 volts 50/60 cycles a.c. Shpg. wt. 26 lbs. Code WUSOT. List \$65.00. **YOUR COST**.....

\$32.50

AT HOME • ON SHIPS • IN TRAILERS • IN BUNGALOWS • ETC.

LIGHT & POWER



DEPENDABLE • ECONOMICAL
Runs Five Hours on one Filling

Rural Power Gas Driven Generators

Designed especially for economical operation on farms, in summer bungalows, boats, trailers, etc. Available for 6, 12 and 32 volt battery charging, as well as belt driven appliances. The engine is rated at 5/8 H.P., and is a 4-cycle, single cylinder, "L" head air cooled type with suction carburetor. It features fly ball type governor and low tension ignition.

A mounted ammeter indicates rate of charge. Model D equipped with push-button self-starter which operates from the battery.

In addition, it is also equipped with a rope hand starter for emergency use. Model C furnished with hand rope starter only. All supplied with built-in radio noise filters and exhaust silencers. Fuel tank capacity, all models, 1-quart; will run 5 hours on one filling. Dimensions: 16" long, 11" wide, 10" high. Furnished with generator cut-out, battery leads and clips and complete instructions. Can be placed in operation in a few minutes.

K17239—Model C. For charging 6-volt storage batteries. 150 watts. With rope hand starter only. Shpg. wt. 70 lbs. **\$32.94**
 YOUR COST.....

K17230—Model D. Charges 6 and 12-volt storage batteries at 150-250 watts. Push button and hand starter. Wt. 70 lbs. **\$39.32**
 YOUR COST.....

K17232—For charging 32-volt batteries. 250 watts. **\$47.37**
 K17233—For 32-volt lighting systems. 250 watts. **\$47.37**
 YOUR COST, EITHER TYPE.....

K12255—6-volt 15-watt Mazda bulb (2.5 amps.) } **30¢** ea.
 K12256—6-volt 25-watt Mazda bulb (4.2 amps.) }

RURAL POWER WINDCHARGER

FREE power from the wind with this new Hy-Tower wind-charger. It will light your lights, charge your batteries, etc. at no cost to you. Charges up to 16 amperes. Stands 10 feet high, on an indestructible steel tower. Metal sheathed propeller starts turning in winds as low as 5 m.p.h. A life-time generator is used. It requires no care; has oil sealed ball bearings. Equipped with radio filter. Propeller is self-adjusting for winds up to 70 m.p.h. An automatic cut-off device is built in to prevent overcharging. Cut-off and ammeter on instrument panel supplied with each unit. Fully guaranteed. With 10 ft. steel tower, all accessories and instructions. Wt. 65 lbs.

K17224—YOUR COST..... **\$19.75**
 When purchased with set, your cost \$17.50.



CATHODE RAY "EYE"

A cathode ray tuning indicator makes critical adjustments of the tuning mechanism a simple procedure.

NO "B" BATTERIES

A plug-in type vibrator and a transformer eliminate the need for any "B" batteries. Only the 6-volt storage battery is required. Only two connections to make.

Other features include: large dial, bakelite knobs, powerful automatic volume control circuit, beautiful midget cabinet built of selected hardwood walnut veneers.

MODEL D-22

Lafayette 5-Tube 6-Volt Superhet complete with tubes. 12 5/8" wide x 9 1/4" high x 8 1/4" deep. Shpg. wt. 21 lbs. Code WAYNE. **\$21.95**
 List \$43.90. YOUR COST.....

YOU'LL GO TO TOWN

ELECTRIC

FOR THE

\$21⁹⁵

5 TUBE 6 VOLT SUPERHET

The ideal set for the farm, trailer or motor boat. Provides ample power, is sensitive and selective and is unusually economical in operation. The price, too, is far below the present market value.

5 TUBES GIVE 7 TUBE RESULTS

By using the latest type tubes, including two dual purpose type, results equal to those previously obtained by 7-tube sets have been provided. Tubes used are: 1-6D8G detector and oscillator, 1-6S7G i.f. amplifier, 1-6T7G second detector, a.v.c. and first audio, 1-6F5G pentode output tube and a special 6G5 cathode ray tuning tube. Battery drain is only 1.7 amps.

5" PERMANENT MAGNET SPEAKER

A 5" permanent magnet type speaker using the new highly magnetic alloy is used. It handles the set output without rattling or distortion. Every note clear as a bell.

CITY CONVENIENCE

FROM *your* PLANT

7 TUBE *Deluxe* 6 VOLT 3 BAND SUPERHET

DESIGNED especially for use in rural districts, this powerful 7-tube superhet will provide reception equal to that afforded by comparable alternating current operated receivers. And the multiplicity of excellent features incorporated in its construction make it the best buy on the market today.

This model is exceptionally economical to operate. No "B" batteries are required—all power obtained from the 6-volt storage battery. In addition, the use of special low resistance wire makes it possible to operate the set at any distance from the power source without causing any "hash" troubles. Battery drain is very little—approximately 1.9 amps.



\$ **32**⁵⁰

Seven special tubes are used in the powerful superhet circuit. These are: 2-6L5G, 1-6D8G, 1-6S7G, 1-6T7G, 1-6Z7G, 1-6ZY5G. The output of the receiver is efficiently handled by a large PERMANENT MAGNET speaker. Pre-selection on the broadcast band eliminates annoying code interference and cuts down background noise.

THREE BANDS cover all frequencies. Ranges are: from 13.7 to 45.5 meters; from 44.8 to 150 meters; from 170.4 to 555 meters. European broadcasts, amateur and police calls, and American broadcasts are within this range.

TELEDIAL TUNING: One of the first farm sets to incorporate this feature. Eight stations can be automatically tuned—just like you dial a phone number. Just press the button and turn until the stop is reached, and your station is perfectly tuned in. No technical knowledge required.

Other features include: full range TONE CONTROL, powerful AUTOMATIC VOLUME CONTROL, 3-gang condenser, beautiful walnut cabinet.

MODEL EB67

Lafayette 7-Tube 6-Volt 3-Band Superhet with tubes. Size: 19³/₄" wide, 11⁷/₈" high, 9¹/₂" deep. Shpg. wt. 33 lbs. Code TENDA. **\$32.50**
List Price \$65.00. YOUR COST.....

WITH THESE NEW

RADIOS

FARM

\$ **26**⁹⁵

6 TUBE 6 VOLT 3 BAND SUPERHET

Fully the equal of a.c. operated models of similar classification, this Lafayette 6-tube superheterodyne has everything that can be desired in a receiver which is to be operated from a six-volt storage battery.

The advanced superhet circuit employs six of the latest type tubes: a 1A6, 30, 1A4, 6T7G, 6L5G and a 19 twin triode power output tube. The power tube delivers approximately 2-watts—more than ample for the average home.

PERMANENT MAGNET SPEAKER

A large permanent magnet speaker, employing the newest type powerful magnet, reproduces the set output with great fidelity. No rattling or distortion.

TONE AND AUTOMATIC VOLUME CONTROLS

A full range tone control permits emphasis of bass response to suit the ear of the listener. Powerful a.c. circuit minimizes fading and prevents "blasting."



EUROPEAN RECEPTION

Complete short wave and broadcast coverage is provided by the three tuning bands: 15.0 to 60 meters, 53.5 to 176 meters, 180 to 560 meters. The desired band can be instantly selected by means of a switch on the front panel. The clock-type giant dial has each band individually calibrated.

Receiver is housed in a striking butt-walnut cabinet that will blend with its surroundings. Roll-type top, raised base. No "B" batteries are required—only the six-volt storage battery is necessary. Suitable windcharger listed on page 30.

MODEL D41

Lafayette 6-Tube 3-Band 6-Volt Superhet complete with tubes. Size: 16¹/₂" wide, 9¹/₄" high, 7¹/₂" deep. Wt. 26 lbs. Code WARRY. List \$53.90. **\$26.95**
YOUR COST.....

FOR THE FARM

Lafayette DEPENDABLE Battery Sets

7-TUBE, 2-VOLT SUPERHETERODYNE

No longer need rural districts or areas lacking commercial power sources be without a fine, modern receiver. This superhet has been especially designed to give power line performance with an economical Eveready "A" Pack.

THREE BAND COVERAGE

The short wave and standard broadcast bands are covered in three ranges: 16 to 51.8 meters, 53 to 166 meters and 174 to 560 meters. Foreign reception, police calls, amateurs, aircraft and other short-wave services are received with remarkable clarity and volume.

FULL TONE CONTROL

A powerful, new type permanent magnet speaker provides crystal-clear reproduction with fine volume. Full range tone control accentuates mellow basses or brilliant trebles to please all tastes.

MODERN WALNUT CABINET

High-polished beautifully grained cabinet in pleasing modern style features large gold-backed easy-reading dial and rich looking grille. Matched knobs for band-selector and all controls. Model DA-28—Lafayette 7-tube, 3-band, 2-volt battery superhet, with tubes, less batteries. Size: 10" high, 18 1/2" wide, 8 1/2" deep. Shpg. wt. 26 lbs. Code WOENA.

List \$49.90.

YOUR

COST.....

\$24.95



Complete kit of Eveready batteries, including 3 45-volt "B" batteries, and an "A" pack.

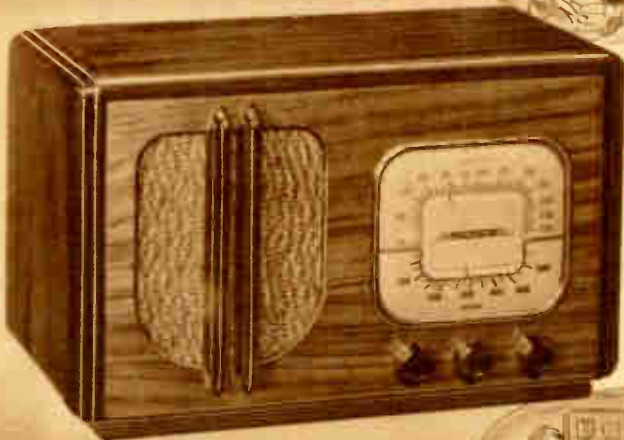
YOUR

COST.....

\$5.50

As above, but with Eveready Air-Cell instead of "A" pack. YOUR COST.....

\$7.33



Lafayette

3-BAND, 6-TUBE, 32-VOLT BATTERYLESS SUPERHET

Owners of 32-volt power systems are now assured of radio performance equal to that obtained by those using commercial power. And operation is the same — simply plug in — no batteries required.

AUTOMATIC VOLUME CONTROL

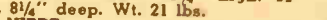
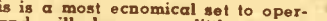
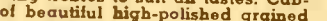
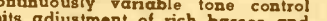
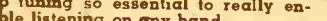
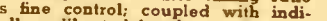
The new advanced superheterodyne circuit employs six of the latest high-gain tubes: a 6D6, 6A7, 75, 2-48's and a 76. Automatic volume control minimizes fading, provides steady reception on distant stations.

ELECTRO-DYNAMIC SPEAKER

A magnificently toned speaker of the energized field type reproduces the powerful output of the amplifier with life-like, crystal-clear fidelity.

FOREIGN RECEPTION

European stations, amateurs, aircraft, police call and other short-wave services are covered in three bands: 18 to 56.8 meters, 60 to 176 meters and 175 to 555 meters. A band-selector switch on the front panel is used to select the desired wave band.



GIANT AIRPLANE DIAL

A 5 inch airplane-type illuminated dial with a three-color scale greatly facilitates tuning. 12:1 vernier tuning ratio gives fine control; coupled with individually calibrated bands permits very sharp tuning so essential to really enjoyable listening on any band.

VARIABLE TONE CONTROL

A continuously variable tone control permits adjustment of rich basses and sparkling trebles to suit all tastes. Cabinet of beautiful high-polished grained hardwood in modern design with matched knobs and bronze escutcheon.

This is a most economical set to operate and will draw very little current from lighting plant. Drain is only 60 watts (2 amperes).

Model M-31 — Lafayette 6-tube, 3-band, 32-volt batteryless superheterodyne, with all tubes. Size: 14 3/4" high, 11" wide, 8 1/4" deep. Wt. 21 lbs. Code VIRBE.

List \$47.90.

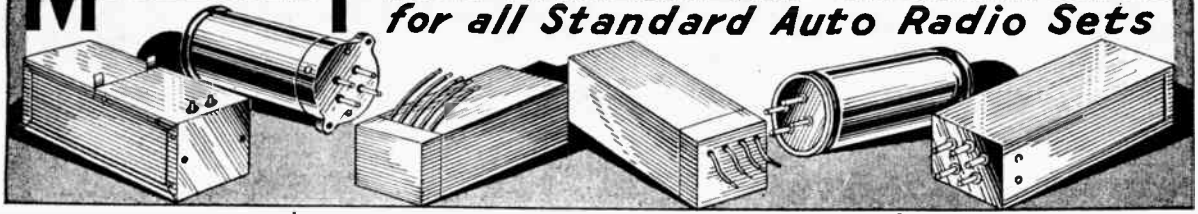
YOUR COST.....

\$23.95



MALLORY REPLACEMENT VIBRATORS

for all Standard Auto Radio Sets



Stock No.	Name and Model	Type No.	Your Cost
Arvin			
K6137	15, 25, 35, 45 (1st series)	296	\$2.65
K6135	15, 25, 35, 45 (2nd series)	292	2.35
K6135	10A, 20A, 20B, 30A, 30B, 16	292	2.35
K6136	7, 17, 17A, 27, 37, 18, 28, 33	294	2.65
K6096	61B, 62B, 617B, 527B, 617B, 627B	245	3.23
Atwater-Kent			
K6114	424, 534	222	3.38
K6137	666, 776	296	2.65
K6168	816	226	3.53
K6136	126, 136, 416, 446, 556, 237Q, 467Q	294	2.65
Belmont			
K6136	566, 666, 690, 670A, 880A, 880B, 880C	294	2.65
K6135	660	292	2.35
K6140	1932 Models	311S	4.41
Bosch			
K6125	5 2 4 A, 6 3 4, 6 3 4 A, 1 3 9, 5 3 6	253Y	2.65
K6127	140 (Ed. 2 & 3)	219	3.53
K6106	150 (Ed. 1)	219	4.41
K6127	45A, 45C, 160	271	3.53
K6123	79C	253	2.65
K6136	736, 737, 738	294	2.65
K6096	600, 636, 637	245	3.23
Buick Olds.—Pontiac			
K6113	980393	221	2.65
K6114	980459-980455	222	3.38
K6114	980441	222	3.38
K6130	544245-6	273C	3.23
K6130	398884-5	279C	3.23
K6130	544267-8	273C	3.23
K6130	405045-6	273C	3.23
K6167	980507-8-9	273D	3.23
K6130	982006-7-8	273C	3.23
K6130	983506-7	273C	3.23
Cadillac			
K6106	06W Stand.	210	4.41
K6106	06W Master	237	4.41
K6104	2721 (062)	206	3.97
K6106	2722 (072A)	211	4.41
K6123	6U2	253	2.65
K6113	56V1	221	2.65


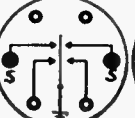

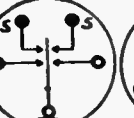

Mallory Replacement Vibrators are admittedly the finest on the market today. A great majority of the auto radio manufacturers use them as original equipment. For greatest efficiency use only Mallory Vibrators they cost no more than inferior makes. Average shipping weight 2 lbs.


Stock No.	Name and Model	Type No.	Your Cost
Chevrolet			
K6113	364441	221	\$2.65
K6114	600249-600565	222	3.38
K6130	601176-7	273C	3.23
K6130	601814	273C	3.23
K6130	601662	273C	3.23
K6130	601574	273C	3.23
K6136	985100-200	294	2.65
K6167	985300	273D	3.23
Clarion			
K6136	AR100 (4-pr.)	294	2.65
K6137	6-Prong	296	2.65
Colonial			
K6113	106B Supp.	221	2.65
K6112	164	220B	3.82
K6137	164B	296	2.65
K6127	150	271	3.53
Crosley			
K6115	98, 99, 102, 103, 5A1	223	3.53
K6169	4A1, 6B1, 5A3, A155	247	3.38
K6097	435, 546, 636, 6615	246	3.23
K6130	A166, A255, A355, A366, A445, A555	273C	3.23
K6170	A156, A266	501P	1.77
De Wald			
K6113	52	221	2.65
K6135	61	292	2.35
K6136	517, 606, 607	294	2.65
Emerson			
K6137	965, 667	296	2.65
K6132	5A	277S	3.53
K6125	6A	253Y	2.65
Ford			
K6112	Majestic 40-18805	220B	3.82
K6122	Philco (all)	500P	1.76
K6137	Lincoln	296	2.65
General Electric			
K6127*	B40, C41, B52	273	3.53
K6123	C60	253	2.65
K6165	C61	224	4.12
K6113	D50, D51, D52	287M	3.23
K6136	D72, N60	294	2.65
K6098	N51	248	3.23

Stock No.	Name and Model	Type No.	Your Cost
Hudson-Terraplane			
K6112	Majestic Head	220B	\$3.82
K6135	651HE, 650HD, 660TD, 661TE	292	2.35
K6136	666, 668, 680, H6	294	2.65
Lafayette			
K6106	S17762	210	4.41
K6133	B-62	286S	3.23
K6104	062, 062A	206	3.97
K6123	L30, 6S	253	2.65
K6137	L-23, AM20	296	2.65
K6136	C60, LW10	294	2.65
Majestic			
K6112	66, 116, 116A, 118	220B	3.82
K6112	40-18805	220B	3.82
Montgomery Ward			
K6135	87	292	2.35
K6123	62-118, 62-166	253	2.65
K6104	62, 062	206	3.97
K6144	Airline, 62-136, 62-138	F253	3.23
K6133	5Y, 62-199	286S	3.23
K6137	102	296	2.65
Motorola			
K6136	34	294	2.65
K6138	88	302S	4.41
K6116	77	230	4.41
K6126	77A, 44A, 66	270B	3.53
K6117	55	231	4.26
K6119	44	235	4.26
K6123	Dual 6, Twin 8	253	2.65
K6136	50, 60, 80, 90	294	2.65
K6124	57, 75, 100	253T	2.65
K6124	62, 79, 110	253T	2.65
K6117	55A	234	4.26
Philco			
K6122	All prior to 1936, 816	500P	1.76
K6170	1936 Models, 817, 818, 819	501P	1.76
RCA-Victor			
K6127*	M34, M105, M116, AR4229	273	3.53

Stock No.	Name and Model	Type No.	Your Cost
K6123	M107	253	\$2.65
K6171	5M, 6M, 6M2	249	3.23
K6165	M123	224	4.12
K6136	H-6, M109	294	2.65
K6133	M101, 104, 108	287M	3.23
K6099	BT-6, BC-6	285	3.23
Sears-Roebuck			
K6136	7128 (4 pr.), 566, 666	294	2.65
K6137	7128 (6 pr.)	296	2.65
K6131	4400, 107HA62	249	3.23
K6176	7157, 7167	294	2.65
K6127	1859	271	3.53
K6127	7117, 1859A	271	3.53
Sparton			
K6135	33, 33A, 333	292	2.35
K6114	36	222	3.38
Stewart-Warner			
K6136	1171, 1172, 1311, 1312	294	2.65
K6135	1121, 1122, R112, 1123	292	2.35
K6166	R1322, R132	289Y	3.23
K6136	131, R-117-118, 1182-3	294	2.65
Stromberg-Carlson			
K6106	33, 33A	236	4.41
Utah			
K6113	"B" Eliminator	221	2.65
Wells Gardner			
K6135	V622, Z6Z1	292	2.35
K6133	25Y1	286S	3.23
K6146	25Y1 (12V)	G286S	4.41
K6104	062, 062A	206	3.97
K6106	072, 072A	211	4.41
K6106	06W (1st)	210	4.41
K6106	06W (2nd)	237	4.41
K6123	6U, 6S, 6R	253	2.65
K6144	26B1, 26B5	F253	3.23
K6136	6N, 6R, 6L	294	2.65
K6098	6K	248	3.23
Westinghouse			
K6136	WR25 (4 pr.)	294	2.65
K6137	WR26 (6 pr.)	296	2.65
Zenith			
K6137	7, Ford	296	2.65
K6135	460, 462	292	2.35
K6136	668, 680	294	2.65
Cup Adapter, when purchased with vibrator.			
K6148—Your Cost.....			\$2.9c
*Means cup adapter is necessary.			

RADIART UNIVERSAL REPLACEMENT VIBRATORS



A group of five vibrators that will service practically any auto or farm (6-volt) radio on the market today. "Lots of 12" Price is applicable to any order for 12 or more assorted Vibrators.

TYPE RU-1: Non-synchronous, standard 4-prong base. 1 1/2" diam., 3 1/2" high. For use in Arvin, Bosch, Buick (Olds), Pontiac, Chevrolet, Delco, Motorola, Philco, Sparton, Stewart-Warner, United Motor Service, Zenith. Shpg. wt. 2 lbs. List \$3.00. K14247—Lots of 12...Each \$1.47 **\$1.76** Your Cost, Each.....

TYPE RU-2: Synchronous, reversible 6-prong base. 1 1/2" diam., 3 1/2" high. For use in Firestone, Stewart-Warner, Wells-Gardner, etc. Shpg. wt. 2 lbs. List Price \$4.50. Lots of 12...Each \$2.20. K14248—Your Cost, Each..... **\$2.65**


TYPE RU-3: Non-synchronous, odd 4-prong base. 1 1/2" diam., 3 1/2" high. For use in Delco 1937, G.M. 1937, Stewart-Warner 1937. Shpg. wt. 2 lbs. List Price \$3.50. Lots of 12...Each \$1.71. K14249—Your Cost, Each..... **\$2.06**

TYPE RU-4: Synchronous, standard 5-prong base. 1 1/2" diam., 3 1/2" high. For use in Delco, United Motor Service, Sentinel 6-Volt Farm. Shpg. wt. 2 lbs. List Price \$4.50. Lots of 12...Each \$2.20. K14250—Your Cost, Each..... **\$2.65**


TYPE RU-6: Synchronous, standard 6-prong base. 1 1/2" diam., 3 1/2" high. For use in Zenith 6-Volt Farm sets. Shpg. wt. 2 lbs. Lots of 12...Each \$2.20. K14251—List \$4.50. Your Cost Ea... **\$2.65**

Hull Auto Compass

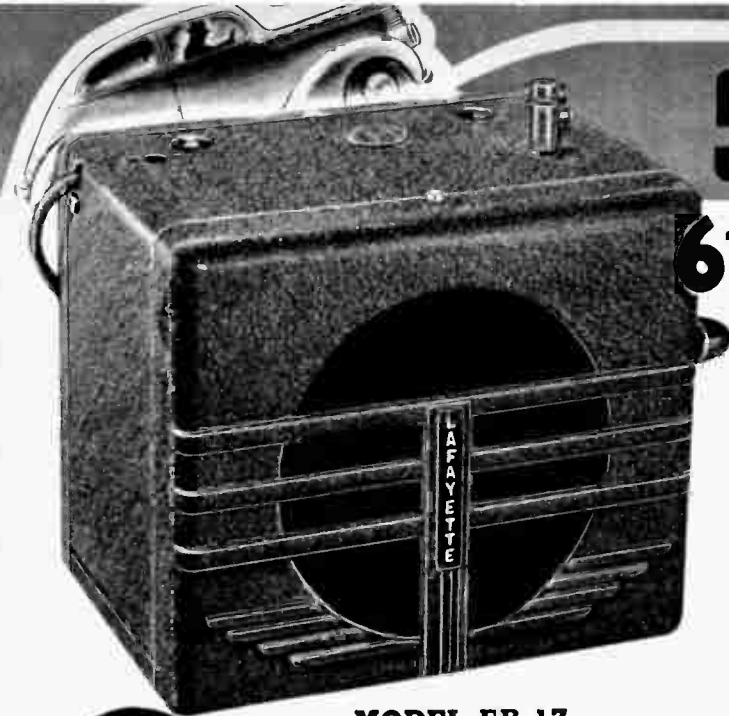
Tells you the direction every instant. Easy to install—mounts on window or dash with suction cup. Has sapphire bearing; liquid float type; Bakelite case; built-in magnetic compensator; adjustable bracket. Shpg. wt. 2 lbs. K8311—Your Cost..... **\$2.49**



Standard Model Similar to above but in two units. Suction cups mount each part firmly on the windshield. Compass and compensating unit maintain accuracy despite the metal in the car. Letters are in white, large and easy to read at night. Full instructions supplied. Wt. 2 lbs. K8465—List \$3.00. **\$1.45** Your Cost, Special...



Lafayette SUPER-VALUE



6 TUBE SUPERHET

NEW-improved—the best dollar value in a 6-tube auto set! This powerful Lafayette superheterodyne is built to the exacting standards set by the modern motorist. It's sensitive, selective, uses the latest type tubes, and drains very little current from your battery. You'll be thrilled when you listen to the studio quality reception it affords.

Powerful 6-Tube Superhet

The circuit employs six high gain tubes in an improved superhet circuit as follows: 78 r.f. amplifier, 6A7 first detector and oscillator, 78 i.f. amplifier, 75 second detector and automatic volume control, 41 output tube and an 84 rectifier. Ample volume is provided for every need—you get reception wherever you may ride.

A matched electro-dynamic speaker handles the entire set output without distortion. Crystal clear notes, from bass to treble come to your ears just as they would were you in the studio.

Tone and Automatic Volume Controls

A tone control, operated by a knob on the side, permits variation of the high frequency response to suit the individual taste of the operator. Powerful a.v.c. eliminates inter-station blasting and minimizes fading.

Built-In Filter Circuit

No spark plug suppressors (other than distributor head unit) are required because of an efficient built-in filter circuit. Any modern type aerial can be used.

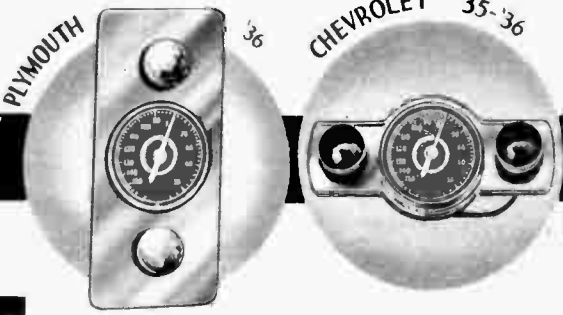
MODEL EB-17

Lafayette 6-Tube Auto Radio Superhet, with all tubes and accessories, less control mounting kit. Instructions included. Size: 9" long, 6" deep, 7½" high. Shpg. wt. 25 lbs. Code TREBI. **\$19.85**
List \$39.70. YOUR COST.....

Control mounting kit for above.....\$1.00
Be sure to specify make, year and model number of your car when ordering.

\$19.85
WITH TUBES

NEW "TAILOR-MADE"



5 TUBE SUPERHET

DON'T let the unusually low price quoted for this set mislead you. This excellent little Lafayette 5-tube superhet equals in performance many of the auto radio sets on the market selling for twice the price. It's sensitive, selective, easy to install — and it's priced within the reach of every car, trailer or motor boat owner.

Single Unit Construction

The entire receiver is housed in a single steel case containing the large dial and all controls. Only one bolt is necessary to mount the set in the driving compartment, and there are only two leads to connect. Installation (not including aerial) can be accomplished in a remarkably short space of time.

Five-Tube Superhet Circuit

Five high gain tubes are used as follows: a 6A7 first detector and oscillator, a 6D6 i.f. amplifier, a 75 combined second detector, audio and a.v.c., a 41 output tube and an 84 rectifier. Set output is efficiently handled by a matched electro-dynamic speaker.

A built-in filter circuit makes the use of spark plug suppressors unnecessary in all but the most difficult cases.

Tone Control

A switch on the side of the assembly permits high frequency cut-off. Helpful in eliminating background noises that are sometimes present.

A powerful automatic volume control circuit eliminates blasting and minimizes fading.

Model S-9

Lafayette 5-Tube Auto Radio, complete with all tubes, generator condenser, distributor suppressor and all instructions. 6½" wide, 12½" deep, 6½" high. Shpg. wt. 17 lbs. List \$31.90. Code POSTE. **\$15.95**
YOUR COST

\$15.95
WITH TUBES

Inclined Speaker Baffle

The base of the receiver, containing the dynamic speaker is at an angle. This feature permits sound to radiate in all directions without hindrance, thus bringing out the full clarity of reception. Music fills the car.

De Luxe AUTO RADIO SETS

7 TUBE SUPERHET

The leader in the auto radio field—unsurpassed for quality—unsurpassed in price. You own the finest when you buy the Lafayette model D-37, and you pay a price that would ordinarily be charged for a much inferior receiver. Examine the features outlined below—compare them with other makes—your choice is sure to be this superlative super-heterodyne auto radio.

High Power Superhet

Seven modern tubes, employed in the well engineered superhet circuit, provide SEVEN watts of audio power—more than enough for any auto, trailer or boat. Tube complement includes: 1-6K7, 1-6A8, 1-6K7G, 1-6Q7G, 1-6J5G, 1-6N7G, twin triode power tube, and 1-02A.

A matched electro-dynamic speaker faithfully reproduces the entire tone range without distortion. Speaker is dust-proof; maintains its efficiency indefinitely.

Automatic Volume Control

A powerful automatic volume control circuit maintains volume at a constant level, eliminates "blasting" and minimizes fading when traveling under steel bridges, under high tension lines, etc.

Full Range Tone Control

Complete control over the high frequency audio range is provided by a built-in tone control. Tone to suit the taste of the set operator at the twist of a knob.

Threaded inserts permit mounting in several different positions. Any modern aerial can be used; top, running board, triangle, fish-pole, etc. NO SPARK PLUG SUPPRESSORS NECESSARY.

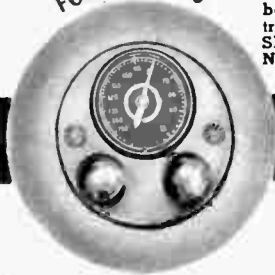


Model D-37

Lafayette 7-Tube DeLuxe Auto Radio, complete with all tubes, generator condenser, distributor suppressor, drive cables and remote control foundation. Less dial, mounting plate, and knobs. Size: 11 1/4" x 5 1/2" x 7 3/4". Shpg. wt. 28 lbs. Code WEBRA. List Price \$59.90. **\$29.95**
YOUR COST.....
Tailor made control mounting kit \$1.00 additional. Be sure to specify make, model and year of car.

\$29.95
WITH TUBES

FORD 35-36



INSTRUMENT PANEL CONTROLS

Crowe REMOTE CONTROLS

Control Assemblies

For both clockwise and counterclockwise condensers. All supplied less switch (supplied with switch on volume control unit at additional 79c).

No.	Ratio	Each
K9252	6:1	\$203
K9253	8:1	
K9254	12:1	
K9255	16:1	
K9256*	16:1		$2.94

* For 1937 Philco (with switch).



HOW TO ORDER

NOTE: When ordering remote controls, first select panel plate assembly for your car from list at right; second, order the control assembly having the proper ratio. To determine ratio, first open the condenser and count turns of flexible shaft necessary to fully close it. Multiply this figure by two to obtain the gear ratio.

Shaft End Fitting

Changes old cable ends to fit the Crowe control mechanism. K8416—EACH.... **6¢**



Housing Adapter

Holds cable housing to the Crowe control mechanism. Easy to install. K9303—EACH..... **24¢**



Pair of 23 1/2" cables for standard Crowe controls. Fittings on one end only. (See other fittings on page 99.) Shpg. wt. 3 lbs. **\$1.15**
YOUR COST.....
Special 23 1/2" cables for 1937 Philco controls. Fittings both ends. Wt. 3 lbs. **\$1.15**
YOUR COST.....



MATCHED PANEL PLATE ASSEMBLIES

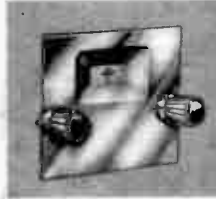
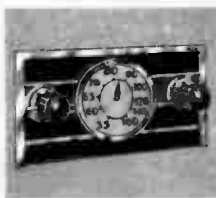
Stock No.	Car Model and Year
K9257	Buick 40, 60, 1937
K9258	Buick 80, 90, 1937
K9259	Buick 1936
K9260	Cadillac 1936 and 1937; La Salle 1936 and 1937
K9261	Chevrolet 1937
K9262	Chevrolet 1936
K9263	Chevrolet 1935
K9264	Chrysler Airstream 8, 1937
K9265	Chrys. Royal '37
K9266	Chrysler Airstream 6, 1936
K9267	Chrysler Airstream 8, 1936
K9268	DeSoto 1937
K9269	DeSoto Airstream '36
K9270	DeSoto Airstream DeLuxe, 1936
K9271	DeSoto 1935
K9272	Dodge 1937
K9273	Dodge 1936

All matched panel plate assemblies consist of the dial plate, dial scale, calibrated in kilocycles, and matched knobs. See instructions at left before ordering.

Stock No.	Car Model and Year
K9274	Lincoln Zephyr 1936; Ford 1935; Ford Stand. and DeLuxe early 1936
K9275	Ford Standard late 1936
K9276	Ford DeLuxe late 1936
K9277	Ford DeLuxe 1937
K9278	Ford Stand. 1937
K9279	Ford 1934
K9280	Terraplane 1936
K9281	Lafayette 1937
K9282	Lafayette 1936
K9283	Nash 1937

Stock No.	Car Model and Year
K9284	Nash 1936
K9285	Olds 1937
K9286	Olds 1936
K9287	Packard 115, 1937
K9288	Packard 120, 1937
K9289	Packard 120, 1936
K9290	Packard 120, 1935
K9291	Plymouth Del. '37
K9292	Plymouth Del. '36
K9293	Plymouth DeLuxe late 1935
K9294	Pontiac 1937
K9295	Pontiac 1936
K9296	Pontiac 1935
K9297	Stud. Pres. 1938
K9298	Stud. Dict. 1937
K9299	Stud. Dict. Business Coupe 1937
K9300	Stud. Dict. 1936
K9301	Universal Under-Dash Mtg. Kit

YOUR COST. **\$1.75**
Any above Type.....



FOR EASY TIME PAYMENT PLAN SEE PAGES 89-92



Auto Radio Accessories



REMOTE CONTROL CABLE AND TOOL KIT



This complete kit of all fittings, gears, housing ends and remote control cable includes everything you may need for practically any job of remote cable work. 73 assorted fittings, ends and 20 feet of non-ravel .150" cable are included as well as a steel

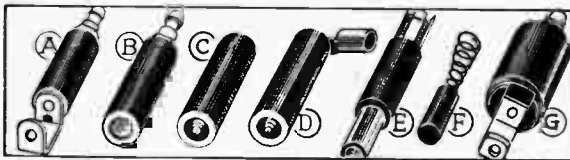
swedging tool in which to slide fitting and cable. One stroke of a hammer completes the job. Lacquered metal box with separate partitions for 16 different types of fittings. Your stock of fittings can always be kept intact by replacing parts as they are used. This kit will save you time and money. A necessity for all auto radio servicemen. Shpg. wt. 5 lbs. **K8310—Your Cost \$11.50**



3-Section Hinge Aerial

Constructed of brass, chromium plated. Fits all cars, no drilling necessary. Section adjustments held rigidly with set screws. Maximum height 46", minimum 18". Has decorative catalin tip. Strong cast bracket of white metal equipped with large bolt and lock nut. **K22046—Your Cost 94c**

Trutest Auto Radio Suppressors



Stock No.	Type	Description
K5283	A	Standard Spark Plug Type
K5278	B	Compact Spark Plug Type
K5253	C	Cable Type for Buick
K5285	D	Elbow Cable Type
K5279	E	Standard Distributor Type
5 for		55c
7 for		75c
9 for		94c
Your Cost Each 12c		

K5293—Type F. Distributor suppressors for Ford V-8.
K5277—Same, for '36, '37 Fords.
Either Type 12c
Your Cost Each 12c
Wire Wound Suppressors
 Type G. Low resistance (500 ohms). In Bakelite case; moisture proof.
K5296—Spark Plug Type.
K5297—Distributor Type.
Either Type Each 27c
 10 For **2.70**

KIT OF 10 AUTO RADIO TUNING WRENCHES



Indispensable to the serviceman. You can tune, align the set right in the car. No need to remove shaft and head from car. Each wrench has a flexible shaft and adjustable rubber bushing. Black insulating handle. For use on any make of auto radio on the market. Each set of wrenches is supplied in a handy black leatherette roll. A JFD product. Shpg. wt. 2 lbs. **K8309—Your Cost \$4.41**

AUTO RADIO NOISE ELIMINATOR



This Filter Robotrol is an efficient high frequency filter and balancing system. Eliminates need for spark plug suppressors. Does away with all interference from ignition system and battery wiring. Installed in the antenna lead and to the set by means of a Flexshield which is supplied with each unit. Complete instructions furnished makes installation a matter of a few minutes. Mounts below dash where most convenient. Shpg. wt. 2 lbs. **K14202—List \$2.25 \$1.26**
Your Cost

Auto Condensers



Stock No.	Cap.	Your Cost
K14220	.25 mfd.	15c
K14215	.5 mfd.	19c
K14216	1.0 mfd.	24c
Ford V-8 Type		
K14219		Your Cost 26c

Dome Light Filter

Eliminates the noise in dome light wiring. Has condenser-choke. **K14208—Your Cost 31c**

Ammeter Condensers

Eliminates noise in ammeter, horn, etc. Has lug. **K14218—Your Cost 19c**

SPRAGUE Oil and Gas Gauge Filters

For late 1935 and 1936 Ford V-8. Similar in appearance to above. **K14203**—Oil Gauge Filter.
K14204—Gas Gauge Filter.
Your Cost Each 29c

Wheel Static Eliminator

Eliminates front wheel noise. Easy to install in each hub cap. All rust proof. **K5294—Your Cost Each 6c**

Auto Radio Cable Fittings



We stock a type for practically every automobile remote control cable now in use. These fittings are made of the finest obtainable material, and are very accurately machined to ensure perfect fits. Match your old fittings from illustrations above and order by stock number. For both .130" and .150" cables.

.150"			.130"		
Stock No.	Type No.	Your Cost Each	Stock No.	Type No.	Your Cost Each
K8414	K8312	0	K8420	K8318	6
K8415	K8313	1	K8421	K8319	7
K8416	K8314	2	K8422	K8320	8
K8417	K8315	3	K8423	K8321	9
K8418	K8316	4	K8424	K8322	10
K8419	K8317	5	K8411	K8323	11
Any Type Above, In Lots of 50 \$2.70					

JFD AUTO RADIO PRODUCTS

Housing Ends



Made of brass. Fit exactly. Popular types shown. Order by stock number according to the illustration shown above. For .150" cable. **K8429** Type A **K8292** Type D
K8430 Type B **K8293** Type E
K8431 Type C
Your Cost Each, Any Type 6c

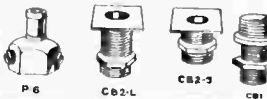
Gear Fittings

Made of brass, accurately machined. For .150" Cable



K8294 Type P5 **Each 15c**
K8425 Type G1 **Your Cost**
K8426 Type G2 **24c**
K8427 Type G3
K8428 Type P4

Special Fittings



Order by stock No. from illus. **K8295** Type P6
K8296 Type CB2-L
K8297 Type CB2-S
K8298 Type CB1 **each 15c**

JFD 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. **K16254** List \$2.00 **Your Cost \$1.09**

1937 Oldsmobile Running Board Insulator Kit



Contains 8 special hard fibre insulators, 8-feet of low-loss heavy lacquered lead-in protected by a shielded loom covered with processed braid, and 8-feet of inter-connecting lead (waterproofed). Full instructions included. Shpg. wt. 7 lbs. List \$5.50 **K16252—Your Cost \$2.94**

Remote Roto Cable and Housing



Finest quality cable for auto radio remote controls. Cable ends swedged—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			
Stock No.	Stock No.	Length In.	Your Cost Each	Stock No.	Stock No.	Length In.	Your Cost 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 can supply cables complete with any two fittings shown, at an additional 35c. Specify stock numbers when ordering.

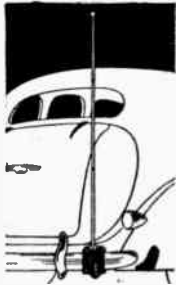
Special Cable for Majestic, Clarion, A. K., and Arvin Sets 9-foot cable with 8-foot sheath. Exact duplicate. **K16078—Your Cost 94c**



Auto Radio Accessories



BUMPEROD Aerial



The auto aerial buy of the year. Has especially designed bracket easily attached to any front or rear bumper. Solid steel, cadmium plated copper plate. 60" rod. Has 12 ft. lead. Sturdy construction.

Weight 4 lbs.
K22030 Your Cost... **69¢**

3-FOOT ROD
3-piece telescopic unit opens to 8 ft. Steel, rust-proofed with cadmium plating. Fits any front or rear bumper.
K22032 Your Cost... **\$1.29**

Ford V-8 "Topper"



A new type Arrowhead telescopic top antenna especially designed for Ford V-8 cars. Constructed of solid brass rod, triple chrome plated. Absolutely rust-proof. Telescopic, extends to 52" when fully opened. Bakelite insulators. Antenna connector included. Easy to install. With instructions. Shpg. wt. 3 lbs.
K22017 Your Cost... **\$3.29**

Side Cowl Antennas

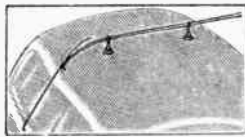


Used extensively by Chrysler, Dodge, Plymouth, DeSoto, Ford, and many others. Easy to install, and provide excellent pick-up. Catalin insulators. All triple chrome plated, fully rust-proof. Telescopic units adjustable for best results. Wt. 3 lbs.

No.	Sections	Max. Length	Your Cost
K22042	One	56"	\$2.06
K22045	Two	54"	1.69
K22037*	Three	96"	\$2.19
K22038	Four	72"	

* Suitable for 5-meter work.

RCA TOPTENNA No. 9792



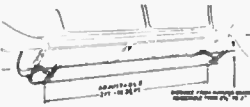
Fits all cars—no drilling in steel tops. Triple chrome plate steel rods. Molded Bakelite insulators; suction cups with special cement. Eliminates wheel static and motor noise. Full instructions. Shpg. wt. 3 lbs. List Price \$5.00
K22024 Your Cost... **\$3.00**

RCA WHIPTENNA 9793

Installed in a few minutes. Attaches to the hinge pin of any car. Triple chromium plated with molded all-weather rubber insulation. Maximum signal pick-up. Extremely flexible; can't break. Eliminates wheel static and motor ignition noises. One model fits all cars.
K22025 Your Cost Each **\$2.10**

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 unit will fit any car. With instructions. Shpg. wt. 3 lbs.
K22018 Your Cost Each... **\$1.55**



Aero-Top Antennas



New, streamlined top antennas that provide improved reception. Made of triple chrome plated rod, 1/4" thick. Seamless brass tubing, absolutely rust-proof. No drilling necessary. Heavy Bakelite insulators. Shpg. wt. 3 lbs.

K22033	For cars with windshields that open.	Your Cost	\$2.10
K22034	For cars with windshields that do not open.	Your Cost Each	\$2.49
K22039	Special for General Motors cars.	Your Cost Each	\$2.49

Low Loss Lead-In



Heavy lacquered, protected by a shielded loom and covered with processed braiding.

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

Single Channel

Very rugged and efficient. Made of rust-proof metal with flexible molded rubber insulators. 50" long. Comes complete with lead-in wire and adjustable brackets. Easy to install—no holes to drill. Shpg. wt. 3 lbs.
K16243 Your Cost... **95¢**



Double Channel

Two of the above, for installation on both running boards. Provides greatly increased pick-up. Shpg. wt. 5 lbs.
K16244 Your Cost... **\$1.80**

MOTO-WHIP ANTENNA



A novel adjustable auto antenna for city and country driving. Fits any type car. No drilling necessary. Snap clip adjustment. Full length of Moto-Whip is 62". Triple plated chrome finish. Hardware and lead-in supplied. Weight 3 lbs.
K22026 Your Cost **\$1.22**

DOUBLE RUBERALL AUTO AERIAL



Trombone type deluxe car antenna. Steel rods entirely sealed in rubber, eliminating loss of efficiency caused by corrosion, snow and ice. Equipped with new umbrella type rubber insulators and mounting brackets. Can be installed on any car without drilling. Instructions furnished. Shpg. wt. 6 lbs.
K22035 Your Cost... **\$1.65**

DOOR HINGE AERIALS

Easily attached to the door hinge of any car. Solid steel rod, 30 ins. long, cadmium plating on copper. Catalin insulation. Installed in a few minutes; no drilling necessary. Has 3 ft. black lead.
K22040 Your Cost... **69¢**



3 Piece Aerial

3 piece telescopic unit, stretches to total length of 60 ins. Chromium plated. Molded rubber insulator. List \$3.25
K22036 Your Cost... **\$1.59**

"Trombone" Antenna



A directional antenna that delivers maximum pick-up with minimum noise. Open end mounts toward front or motor side of car. Easy to install. Complete with shielded lead-in wire and adjustable mounting brackets. Wt. 4 lbs.
K16242—Your Cost... **59¢**

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... **59¢**

Auto Ignition Wire



Standard 7 mm. black lacquered braided wire.
K20851—Per Foot... **3¢**
K20852—100 Feet... **\$2.50**

Fuse Retainer



Two piece connector of heavy metal, with fibre inside insulation. Heavy spring contact. 2 1/2" long.
K12372—10 for 60c
Your Cost... **7¢**

Antenna Connector



Two-piece metal container, fibre inside insulation. Powerful spring contact. 10 for 50c
K16714—Your Cost... **6¢**

Adjustable Plate



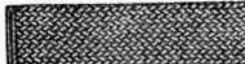
An improved plate antenna made of rust-proof metal. Presents great surface pick-up area. Adjustable from 28" to 44". 7 1/2" wide. Complete with brackets and lead-in wire.
K16241—Each **\$1.10**

Shielded Ignition Wire



Standard 7-millimeter wire with heavy rubber wall, lacquered braid and overall covering of tightly woven tinned copper shielding.
Shpg. wt., 100 ft. spool, 4 lbs.
K16211—Per Foot... **5¢**
K16213 100 ft. spool **\$4.60**
Your Cost

Copper Shielding



Used for shielding of interference creating circuits. Closely woven; extremely flexible.

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

"Sash Cord" Wire



For under-car antennas. Consists of 42 strands of No. 27 copper wire wound on heavy cotton base. Extremely flexible.
K20908 Per Foot... **1 1/2¢**
25 Ft. Coil... **35c**

RCA M-34 VIBRATOR



Genuine RCA part No. 7604, used in models M-34, M105 and M116. Also used in G.E. model B-40. Full-wave type. Wt. 2 lbs.
K2596 Each... **\$3.60**

UTAH "B" Eliminator



For Majestic Model 66. Exact duplicate. Contains transformer, vibrator, filter condenser and 84 rectifier. Heavy metal container. Complete instructions included. Shpg. wt. 8 lbs. With tube.
K14232 Your Cost... **\$5.20**

RAYTHEON

for Better Reception



ADDITIONAL DISCOUNT

On purchases totaling 25 or more Raytheon tubes, dealers and servicemen are permitted to take a discount of 50 and 5% from the list 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
00A	\$2.25	\$1.18	34	\$1.75	
01A	.75	.39	35/51	1.10	.57
1A4	1.75	.92	36	1.10	.57
1A6	1.75	.92	37	.90	.47
1B4/951	2.25	1.18	38	1.25	.65
1B5/25S	1.25	.65	39/44	1.25	.65
1C6	1.75	.92	40	1.00	.52
1F4	1.50	.78	41	1.10	.57
1F6	2.25	1.18	42	1.20	.62
1V	1.10	.57	43	1.40	.73
2A3	2.50	1.30	45	.90	.47
2A5	1.20	.62	46	1.50	.78
2A6	1.20	.62	47	1.50	.78
2A7	1.50	.78	48	3.50	1.81
2B7	1.60	.83	49	1.25	.65
2E5	1.50	.78	50	2.50	1.30
5Z3	1.10	.57	52	2.00	1.03
6A3	2.00	1.03	53	1.75	.92
6A4/LA	1.50	.78	55	1.50	.78
6A6	1.60	.83	56	.80	.41
6A7	1.40	.73	57	1.25	.65
6AB5	1.75	.92	58	1.25	.65
6B5	2.25	1.18	59	2.00	1.03
6B7	1.50	.78	71A	.90	.47
6C6	1.20	.62	75	1.10	.57
6D6	1.20	.62	76	.80	.41
6E5	1.50	.78	77	1.35	.70
6E6	2.00	1.03	78	1.20	.62
6F7	1.75	.92	79	1.50	.78
6G5/6H5	1.50	.78	80	.70	.36
6N5	1.75	.92	81	2.25	1.18
6T5	1.50	.78	82	1.50	.78
6U5	1.50	.78	83	1.60	.83
6Z4/84	1.60	.83	83-V	2.25	1.18
12A5	2.25	1.18	84/6Z4	1.60	.83
12A7	2.25	1.18	85	1.20	.62
12Z3	1.35	.70	89	1.50	.78
25Z5	1.25	.65	V99	1.50	.78
10	2.75	1.42	X99	1.50	.78
12A	.90	.47	182B	2.00	1.03
15	2.25	1.18	183	2.00	1.03
19	1.25	.65	485	2.00	1.03
20	2.25	1.18	950	2.25	1.18
22	1.75	.91	951/1B4	2.25	1.18
24-A	1.00	.52	WD-11	2.25	1.18
26	.70	.36	WX-12	2.25	1.18
27	.80	.41	BA	7.50	4.20
30	1.00	.52	BH	4.65	2.65
31	.90	.47	BR	2.75	1.42
32	1.75	.92	LA (6A4)	1.50	.78
33	1.35	.70			

MAJESTIC TYPE TUBES

Type No.	List Price	Your Cost	Type No.	List Price	Your Cost
2A7-S	\$2.30	\$1.20	24-S	\$1.50	\$.78
2B7-S	2.30	1.20	27-S	1.10	.57
2S/4S	2.75	1.42	35S/51S	1.50	.78
2Z2/G84	2.00	1.03	55-S	1.75	.92
6A7-S	2.30	1.20	56AS	1.35	.70
6B7-S	2.30	1.20	56-S	1.35	.70
6C7	2.00	1.03	57AS	1.75	.92
6D7	2.00	1.03	57-S	1.75	.92
6E7	2.00	1.03	58AS	1.75	.92
6F7-S	2.00	1.03	58-S	1.75	.92
6Y5	2.00	1.03	75-S	1.75	.92
6Z5	2.00	1.03	85AS	1.75	.92

ALL-METAL TYPE TUBES

Type No.	List Price	Your Cost	Type No.	List Price	Your Cost
0Z4	\$1.50	\$.78	6L7	1.75	.92
5T4	2.50	1.30	6L6	2.25	1.18
5W4	1.00	.52	6L7	1.75	.92
5Z4	2.00	1.03	6N7	1.75	.92
6A8	1.50	.78	6Q7	1.35	.70
6B8	1.75	.92	6R7	1.35	.70
6C5	1.25	.65	6V6	1.75	.92
6F5	1.25	.65	6X5	1.50	.78
6F6	1.35	.70	25A6	1.50	.78
6H6	1.25	.65	25L6	2.25	1.18
6I7	1.50	.78	25Z6	1.50	.78

G-SERIES OCTAL BASE

Type No.	List Price	Your Cost	Type No.	List Price	Your Cost
0Z4G	\$1.50	\$.78	6H6G	\$1.25	\$.65
1C7G	2.25	1.18	6J7G	1.50	.78
1D5G	2.25	1.18	6K5G	1.35	.70
1D7G	1.75	.92	6K6G	1.35	.70
1E5G	2.25	1.18	6K7G	1.35	.70
1E7G	2.25	1.18	6L5G	2.25	1.18
1F5G	2.25	1.18	6L6G	2.50	1.30
1F7G	2.25	1.18	6L7G	1.75	.92
1G5G	2.00	1.03	6N6G	2.25	1.18
1H4G	1.00	.52	6N6MG	2.50	1.30
1H6G	1.75	.92	6N7G	1.75	.92
1J5G	2.25	1.18	6P7G	2.25	1.18
1J6G	1.35	.70	6Q7G	1.35	.70
5U4G	1.50	.78	6R7G	1.35	.70
5V4G	2.35	1.22	6S7G	2.25	1.18
5W4G	1.00	.52	6T7G/6Q6G	2.25	1.18
5X4G	1.50	.78	6U7G	1.35	.70
5Y3G	1.00	.52	6V6G	1.75	.92
5Y4G	1.00	.52	6V7G	1.35	.70
5Z4MG	2.00	1.03	6W5G	1.50	.78
6A5G	2.00	1.03	6X5G	1.60	.83
6A8G	1.50	.78	6Y7G	1.50	.78
6B4G	2.00	1.03	6Z5G	1.50	.78
6B6G	1.35	.70	6Z7G	1.75	.92
6B8G	1.75	.92	25A6G	1.50	.78
6C5G	1.25	.65	25A7G	2.25	1.18
6C8G	1.50	.78	25B6G	1.75	.92
6D8G	2.25	1.18	25L6G	2.25	1.18
6F5G	1.25	.65	25Z6G	1.50	.78
6F6G	1.35	.70	6Y6G	2.25	1.18

FREE! Tube Stickers

A pad of 100 Raytheon glass or metal tubes with space for date sold, date retested. FREE with Raytheon purchases. Roll of 1000 stickers, imprinted with your name, address and tel. number. Shipped prepaid, \$1.00.



FREE! Technical Tube Data

4-page folder of technical data on the complete line of Raytheon receiving tubes. FREE with purchases of Raytheons.





RADIOTRON

RADIO TUBES



additional discount

On all purchases of 25 or more Radiotrons dealers and servicemen are permitted to deduct a discount of 50% from the list prices shown below. Benefit by stocking up.

six months guarantee

We guarantee that each tube will give efficient, satisfactory service for six months—or we will promptly replace it. Burnouts and broken glass are exceptions.

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 \$1.50**
FREE with purchases totalling 50 RCA Radiotrons.

RCA PINDEX



K21914—A handy pocket slide rule for giving essential information about tubes. Made of celluloid, insuring long wear. It's yours FREE with the purchase of 25 RCA Radiotrons.

TECHNICAL BOOKS



Complete Tube Manual

192 pages of data, circuit design and applications.
K19963—YOUR COST... **20¢**

Air Cooled X'mitting Tubes
Listing of all RCA Air-Cooled Transmitting tubes with specifications.
K19992—YOUR COST... **15¢**

K19993—Supplement to above.
YOUR COST... **15¢**

Above FREE with purchases of 25 RCA Radiotrons.

Socket Layout Guide

Tubes and layout diagrams of all sets from 1932.
K19962—YOUR COST... **39¢**

Above book FREE with purchases of 50 RCA Radiotrons.

Cathode Ray Book

Latest data on all cathode ray tubes.
K19990—YOUR COST... **25¢**

Above book FREE with purchases of 50 RCA Radiotrons.

Imprinted Tube Stickers

In rolls of 1000.
K21915—YOUR COST **\$1.00**
FREE with purchase of 100 Radiotrons.

GLASS TYPE TUBES

Type No.	List Price	Dlr's Cost	Type No.	List Price	Dlr's Cost	Type No.	List Price	Dlr's Cost
00-A	\$2.25	\$1.22	12A7	\$2.25	\$1.22	49	\$1.25	\$.68
01-A	.75	.41	12Z3	1.35	.73	50	2.50	1.35
1A4	1.75	.95	15	2.25	1.22	53	1.75	.95
1A6	1.75	.95	19	1.25	.68	55	1.50	.81
1B4	2.25	1.22	20	2.25	1.22	56	.80	.43
1B5/25S	1.25	.68	22	1.75	.95	57	1.25	.68
1C6	1.75	.95	24-A	1.00	.54	58	1.25	.68
1F4	1.50	.81	25Z5	1.25	.68	59	2.00	1.08
1F6	2.25	1.22	26	.70	.38	71-A	.90	.49
1-v	1.10	.59	27	.80	.43	75	1.10	.59
2A3	2.50	1.35	30	1.00	.54	76	.80	.43
2A5	1.20	.65	31	.90	.49	77	1.35	.73
2A6	1.20	.65	32	1.75	.95	78	1.20	.65
2A7	1.50	.81	33	1.35	.73	79	1.50	.81
2B7	1.60	.86	34	1.75	.95	80	.70	.38
5Z3	1.10	.59	35	1.10	.59	81	2.25	1.22
6A4/LA	1.50	.81	36	1.10	.59	82	1.50	.81
6A6	1.60	.86	37	.90	.49	83	1.60	.86
6A7	1.40	.76	38	1.25	.68	83-v	2.25	1.22
6B7	1.50	.81	39/44	1.25	.68	84/6Z4	1.60	.86
6C6	1.20	.65	40	1.00	.54	85	1.20	.65
6D6	1.20	.65	41	1.10	.59	89	1.50	.81
6E5	1.50	.81	42	1.20	.65	V99	1.50	.81
6F7	1.75	.95	43	1.40	.76	X99	1.50	.81
6G5	1.50	.81	45	.90	.49	112-A	.90	.49
10	2.75	1.49	46	1.50	.81	874	4.00	2.75
11	2.25	1.22	47	1.50	.81	876	6.50	4.50
12	2.25	1.22	48	3.50	1.89	886	8.00	6.00

ALL-METAL TUBES

5T4	\$2.50	\$1.35	6F6	\$1.35	\$.73	6N7	\$1.75	\$.95
5W4	1.00	.54	6H6	1.25	.68	6Q7	1.35	.73
5Z4	2.00	1.08	6J7	1.50	.81	6R7	1.35	.73
6A8	1.50	.81	6K7	1.35	.73	6X5	1.50	.81
6B8	1.75	.95	6L6	2.25	1.22	25A6	1.50	.81
6C5	1.25	.68	6L7	1.75	.95	25L6	2.25	1.22
6F5	1.25	.68	6N5	1.75	.95	25Z6	1.50	.81

G-SERIES OCTAL BASE

1C7G	\$2.25	\$1.22	5Y4G	\$1.00	\$.54	6L5G	\$2.25	\$1.22
1D5G	2.25	1.22	6A8G	1.50	.81	6L6G	2.50	1.35
1D7G	1.75	.95	6B8G	1.75	.95	6L7G	1.75	.95
1E5G	2.25	1.22	6C5G	1.25	.68	6N7G	1.75	.95
1E7G	2.75	1.49	6D8G	2.25	1.22	6Q7G	1.35	.73
1F5G	2.25	1.22	6F5G	1.25	.68	6R7G	1.35	.73
1F7G	2.25	1.22	6F6G	1.35	.73	6S7G	2.25	1.22
1H4G	1.00	.54	6H6G	1.25	.68	6T7G	2.25	1.22
1H6G	1.75	.95	6J5G	1.35	.73	6V6G	1.75	.95
1J6G	1.35	.73	6J7G	1.50	.81	6X5G	1.60	.86
5U4G	1.50	.81	6K5G	1.35	.73	25A6G	1.50	.81
5V4G	2.35	1.27	6K6G	1.35	.73	25B6G	1.75	.95
5X4G	1.50	.81	6K7G	1.35	.73	25L6G	2.25	1.22
5Y3G	1.00	.54				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 excepted). This is the most liberal guarantee made by any tube manufacturer—your assurance of perfection.

GLASS TYPE TUBES

Type No.	List Price	Net Price	Type No.	List Price	Net Price
1A4	\$1.75	\$.75	32	\$1.75	\$.74
1A6	1.75	.75	33	1.35	.60
1B4	2.25	.90	34	1.75	.70
1B5/25S	1.25	.56	35	1.10	.49
1C6	1.75	.70	36	1.10	.50
1F4	1.50	.68	37	.90	.39
1V	1.10	.45	38	1.25	.50
2A3	2.50	.95	39/44	1.25	.52
2A5	1.20	.50	41	1.10	.45
2A6	1.20	.50	42	1.20	.48
2A7	1.50	.64	43	1.40	.56
2B7	1.60	.65	45	.90	.37
5Z3	1.10	.44	46	1.50	.60
6A3	2.00	.80	47	1.50	.54
6A4	1.50	.64	48	3.50	1.40
6A6	1.60	.67	49	1.25	.55
6A7	1.40	.56	50	2.50	1.25
6B5	2.25	.90	53	1.75	.69
6B7	1.50	.64	55	1.50	.68
6C6	1.20	.49	56	.80	.36
6D6	1.20	.49	57	1.25	.51
6E5	1.50	.68	58	1.25	.51
6F7	1.75	.80	59	2.00	.75
6G5	1.50	.68	71A	.90	.38
6Y5	2.00	.90	75	1.10	.50
6Z5/12Z5	1.50	.57	76	.80	.36
12A5	2.25	.90	77	1.35	.57
12A7	2.25	.90	78	1.20	.53
12Z3	1.35	.51	79	1.50	.65
25B5	2.00	.80	80	.70	.30
25Z5	1.25	.50	81	2.25	1.12
01A	.75	.30	82	1.50	.50
10	2.75	1.20	83	1.60	.60
12A	.90	.42	83V	2.25	.90
19	1.25	.55	84/6Z4	1.60	.64
22	1.75	.80	85	1.20	.54
24A	1.00	.45	89	1.50	.60
26	.70	.30	X99	1.50	.63
27	.80	.36	183	2.00	.90
30	1.00	.38	485	2.00	.90
31	.90	.36			

G-SERIES OCTAL BASE

Type No.	List Price	Net Price	Type No.	List Price	Net Price
1C6G	\$2.00	\$.80	6H6G	\$1.25	\$.49
1D5G	2.25	.89	6J5G	1.35	.54
1D7G	1.75	.60	6J7G	1.50	.59
1E5G	2.25	.89	6K5G	1.35	.54
1E7G	2.75	1.09	6K6G	1.35	.54
1F5G	2.25	.89	6K7G	1.35	.54
1F7G	2.25	.89	6L5G	2.25	.89
1G5G	2.00	.79	6L6G	2.50	.99
1H4G	1.00	.39	6L7G	1.75	.69
1H6G	1.75	.69	6N6G	2.25	.89
1J5G	2.25	.89	6N7G	1.75	.69
1J6G	1.35	.54	6Q7G	1.35	.54
5U4G	1.50	.59	6R7G	1.35	.54
5V4G	2.35	.94	6S7G	2.25	.89
5X4G	1.50	.59	6T7G	2.25	.89
5Y3G	1.00	.39	6V6G	1.75	.54
5Y4G	1.00	.39	6X5G	1.60	.64
6A8G	1.50	.59	25A6G	1.50	.59
6B4G	2.00	.79	25A7G	2.25	.89
6B8G	1.75	.69	25B6G	1.75	.69
6C5G	1.25	.49	25L6G	2.25	.89
6D8G	2.25	.89	25N6G	2.00	.79
6F5G	1.25	.49	25Z6G	1.50	.59
6F6G	1.35	.54			

ALL-METAL TUBES

5W4	\$1.00	\$.54	6L6	\$2.25	\$.99
5Z4	2.00	.79	6L7	1.75	.79
6A8	1.50	.68	6N7	1.75	.79
6B8	1.75	.79	6Q7	1.35	.56
6C5	1.25	.56	6R7	1.35	.59
6F5	1.25	.56	6X5	1.50	.68
6F6	1.35	.59	25A6	1.50	.68
6H6	1.25	.59	25L6	2.25	.99
6J7	1.50	.68	25Z6	1.50	.68
6K7	1.35	.59			

THEATRE EXCITER LAMPS

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

Type 105—10 Volts, 5.0 Amperes

Type 107—10 Volts, 7.5 Amperes

Type 854—8.5 Volts, 4.0 Amperes

49¢ each

TRANSMITTING TUBES ON PAGE 105

All-Purpose SERVICE KITS

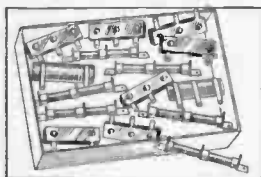
10 Candohm Units



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..... **49¢**

15 Bias Resistors



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

K3850—
Kit of 15..... **23¢**

10 DIAL SCALES



Contains 10 dial scales, including: fan type, drum type, etc. Several "all-wave" dial scales supplied. Scales are all sizes and colors—all are usable.

K9801—
Your Cost..... **19¢**

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 1/2 Meg.
900	13000	90000	2 Meg.
1000	15000	100000	2 1/2 Meg.
1500	17500	125000	3 Meg.
2000	20000	150000	5 Meg.
2500	25000	200000	

K5239— 1/2 Watt
K5240— 1 Watt
Either Type, Each..... **3¢**
100 for..... **\$2.25**

2-WATT COLOR-CODED CARBON RESISTORS

Similar to above, but 2-watts.

Ohms	Ohms	Ohms	Ohms
700	4500	15000	50000
1000	5500	20000	60000
1400	6000	25000	70000
3500	7000	30000	75000
4000	10000	35000	200000

K5245— Specify size.
Your Cost..... **5¢**
Each.....
100 for..... **\$4.50**

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—1/4 watt, 25—1/2 watt and 50—1 watt resistors. All popular replacement values. Shpg. wt. 2 lbs.

K3852—
Kit of 100..... **\$1.29**

50 ASSORTED RESISTORS

Similar to above kit, 50 resistors. Comprises 1/4, 1/2 and 1 watt resistors all RMA color coded.

K3859—
Your Cost, Kit of 50..... **66¢**

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—
Your Cost, Kit of 25..... **59¢**



25 ASSORTED RESISTORS

Twenty-five assorted 1/4, 1/2 and 1 watt resistors. All coded. Shpg. wt. 1 lb.

K3867—
Kit of 25..... **35¢**

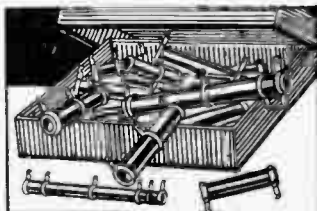
KIT OF 10 POPULAR SIZE ELECTROLYTICS



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 (650 volts peak) types. Shpg. wt. 3 lbs.

K3868—
Your Cost..... **\$1.49**

10 POPULAR VOLTAGE DIVIDERS



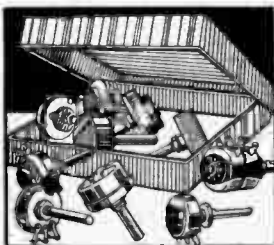
A kit of 10 selected voltage dividers made up of vitreous enameled and open wire wound types with wattage ratings from 20 to 75 watts. Resistors of this type are always handy around the shop since they can be used for power work. Shpg. wt. 4 lbs.

K3853—
Kit of Ten..... **45¢**

ASSORTMENT OF 10 VOLUME CONTROLS

Contains 10 assorted volume controls, each new and usable. All of standard manufacture, and designed for standard radio circuits such as: C bias, antenna shunt, tone control, etc. Several types with switch included. Shpg. wt. 3 lbs.

K6354—
Kit of Ten..... **\$1.19**



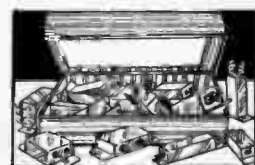
25 Mica Condensers



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
Your Cost, Special..... **49¢**

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
Your Cost, Special..... **59¢**

10 RADIO KNOBS



Ten assorted radio knobs, including wood and Bakelite types with set screws and springs.

K9662—
Kit of 10..... **25¢**

10 R. F. CHOKES



Contains 10 assorted wood core r.f. chokes with inductances ranging from 2 to 16 millihenrys. All types have leads—brand new Wt. 2 lbs.

K10110—
Your Cost, Kit of 10..... **25¢**

25 Bakelite and Fibre Insulators



Envelope of 25 assorted pieces of fibre and bakelite in all shapes and sizes. Includes insulators, socket locators, washers, terminal strips.

K15266—
Your Cost, Envelope of 25..... **9¢**

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.	Wgt. Volts	Your Cost
K3507	.01	400	\$0.03
K3508	.05	400	.04
K3509	.1	400	.05
K3510	.25	400	.08
K3511	.5	400	.11
K3526	1.0	400	.16
K3512	.001	600	
K3513	.002	600	
K3514	.005	600	3¢
K3515	.006	600	
K3516	.01	600	5¢
K3517	.02	600	
K3518	.05	600	.04
K3519	.1	600	.06
K3524	.25	600	.10
K3525	.5	600	.14

1 Mfd. 600 Volt Paper Condenser



High voltage paper condenser ideal for high power receivers or low power transmitters. In impregnated cardboard case with insulated leads. 3 x 1 3/4 x 1 3/8". 1. mfd., 600 volts d.c.

K2698—
Your Cost..... **14¢**
10 for..... **\$1.25**

No Equal in Quality at these LOW PRICES!

★ Special Bargain ★ "Baby" Volume Controls



29¢
Each

- Only 1" Diameter
- All Potentiometer Type
- Insulated Terminals

The smallest controls on the market. Only 1" in diameter and 1/8" deep. 3/4" 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 as follows: 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	5000U	K8259	75000L
K8249	5000C	K8266	100000C
K8250	6000U	K8267	200000U
K8251	10000C	K8268	250000C
K8252	10000U	K8269	500000C
K8253	15000C	K8270	1 Meg. C
K8254	20000C		

Your Cost Each, Any Above Type... **29¢**
10 For... **\$2.70**

Compare THESE PRICES

★ Quantity Limited ★ Radio Tubes at New Low Prices—RCA Licensed



Never before at these prices, all brand new—first quality—RCA licensed. Packed in factory cartons. All fully guaranteed for 90 days (burn-outs and broken glass excepted). All popular types listed. Stock up now while the opportunity presents itself—you can't go wrong.



Type	Each	Type	Each	Type	Each	Type	Each
1C6	29c	6B7	29c	39	29c	59	32c
2A3H	19c	6C6	32c	42	25c	75	29c
2A6	29c	6D6	32c	43	35c	83V	49c
2A7	29c	12A5	49c	50	49c	84	29c
6A4	39c	27	19c	56	24c	85	32c
6A7	39c	38	29c	57	32c		

2E5 Cathode Ray Tube (2.5 Volts) } **39¢** Each
6E5 Cathode Ray Tube (6.3 Volts) }

15 Millihenry Choke



For general replacement purposes or for the new circuit. Rated 15 millihenrys. D.C. resistance 150 ohms. Wood core. 1 1/2" dia.

100 For \$1.75
K10098—Your Cost Each... **3¢**

Heavy Duty Brass Terminal

Made of 1/8" brass. 1" high, 1/2" offset. Hole takes No. 10 screw. Will carry 10 amperes. Notch for gripping wire.

K14778—**8¢**
10 For



MANTEL CABINET

Ridiculously low priced mantel cabinet constructed of high grade walnut veneers. Overall size: 18" high, 14 1/2" wide and 13" deep. Will take up to 8" diam. speaker. Cutouts for fan shaped dial and controls. Provisions for tuning "Eye". Dull gold grill cloth. Wt. 6 lbs.



Model—715
Your Cost... **\$1.25**

30" Insulating Sleeving

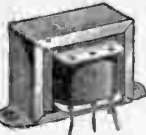
Finest quality closely woven insulating sleeving. 30" long. Fully impregnated. Takes up to No. 14 wire. Black only.
K15958—30" length
Your Cost Each... **3¢**
25 For... **44c**

Colored Spaghetti

Maroon, yellow or green. Takes No. 16 wire. 30-inch lengths.
K15959—Specify color... **3¢**
Your Cost, per Length... **3¢**
100 Lengths For... **\$2.00**

VALUES to interest the SERVICEMAN

P.P. Input Transformer



An unusual offer of a popular replacement part. P.P. input transformer, ratio 3:1. Built with high grade core material; high voltage insulation. Leads for connections. 3x2 1/4x2 1/4". Wt. 2 lbs.

K1843—Your Cost Each... **45¢**
Similar to above, but straight audio; ratio 3:1
K5500—Your Cost Each... **29¢**

General Replacement Power Transformer



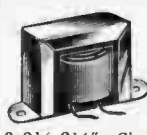
For 8-Tube Sets Using 2.5 Volt Tubes

Primary for 110 volts, 60 cycles a.c. Secondaries: 300/300 volts at 100 ma.; 5 volts at 3 amps. (80 or 83); 2.5 volts c.t. at 7.5 amps. (6-58's, 56's, etc. and 1-45, 47, etc.). In metal case with crimp lugs. Diagram furnished. Size: 3 1/4 x 3 3/8". Shpg. wt. 7 lbs.
K2158—Your Cost... **\$1.49**

9-Tube 2.5 Volt Power Transformer

Similar in appearance to the above. For general replacement purposes or for the new set builder. Primary for 110 volts, 50-60 cycles a.c. Secondaries: 400/400 volts at 150 ma.; 5 volts at 2 amps. (80 rectifier); 2.5 volts c.t. at 14 amps. (6-24's, 27's, etc. and 2-45's, 47's, etc.). Diagram furnished. Size: 3 1/4 x 5 3/8 x 6 1/2". Shpg. wt. 14 lbs.
K2190—Your Cost... **\$1.75**

Output Transformers



Open frame, strap mounting units. Exceptionally well made; fine frequency characteristics. Approximate size: 3x2 1/4x2 1/4". Shpg. wt. 2 lbs.
K5502—Single 45, 50, 71A and similar triodes, to 5-15 ohm voice coil.
K5503—Same as above, but for p.p. tubes (45's, 50's, 71A's, etc.).
K5594—Single pentode (47, 2A5, etc.), to a 5 to 15 ohm voice coil.
K5505—Same as above, but for p.p. tubes (47's, 2A5's, etc.)
Your Cost Each, Any of the Above Types... **34¢**

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 impedance. Open frame type, 2x1 1/2x1 1/2"; centers 2 1/4".
K5667—Wt. 2 lbs.
Your Cost Each... **49¢**

Shielded 3:1 Audio



Fully shielded, solder lug terminals on bottom. For first or second stages. Ratio 3:1. Excellent frequency response. High grade core, impregnated coil, Black lacquer finish. Shpg. wt. 2 lbs.
K1914—Your Cost Each... **27¢**

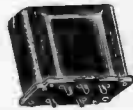
Special 2.5 Volt Filament Transformer



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. Shpg. wt. 2 lbs.
K1636—Your Cost... **42¢**

15 Henry Filter Choke

75 Ma.



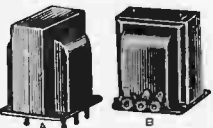
A fully shielded filter choke for use in power amplifiers, etc. Rated inductance 15 henrys 75 ma. maximum d.c. Resistance (d.c.) 800 ohms. Lug terminals. 2 1/4 x 3 1/2 x 2". Shpg. wt. 3 lbs.
K1542—Your Cost... **49¢**

375-Watt Step-down Transformer



220 V. A.C. to 110 V. A.C. Heavy duty type step-down transformer rated conservatively at 375 watts. Primary for 220 volts, a.c., output 110 volts a.c. Fully shielded in crackle finished metal case 7 1/4 x 4 3/4 x 3 1/2" high. With 6-ft. line cord and plug, and receptacle for the appliance to be used. Shpg. wt. 16 lbs.
K1418—Your Cost... **\$2.95**

Oversize Audios and Filter Chokes



Ideal for amplifiers, receivers, etc. Excellent response. Type A approx. 2 1/2 x 2 3/4 x 3 1/4"; type B same, but with side terminals.
K1913—Straight Audio; 3:1 ratio. Type A. Shpg. wt. 2 lbs. Your Cost... **59¢**
K5637—Filter Choke. 30 H., 280 ohms, 75 ma. (max.). Type A. Your Cost... **59¢**
K1840—P.P. Input. Type B. Your Cost... **85¢**
K1841—Straight Audio. Type B. Your Cost... **69¢**

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 1/2" wide; centers 2 3/4 x 1 1/8". Shpg. wt. 4 lbs.
K1547—Your Cost... **94¢**



BARGAINS!

QUANTITY LIMITED



★ BARGAIN OFFER Inverted Wet ELECTROLYTICS



An unusually low price on these standard wet electrolytic condensers. All inverted type, supplied with **palnut for mounting**. Threaded bushings extend $\frac{1}{2}$ ". Aluminum containers; solder lug terminal. All 450 volts working, 500 volts peak. All 4" x 1 $\frac{1}{4}$ ".
K2700—8 Mfd.
K2701—16 Mfd.
Your Cost **14¢**
Either Type

10 For..... **\$1.25**

MIDGET I.F.'s

Midget, double-tuned i.f. transformers ideal for use by set builders or for general replacement. Trimmers have genuine Isolantite bases and are top-tuned. In round containers 1 $\frac{1}{2}$ " in diameter. Color-coded leads.



K10036—175 kc.
K10035—466 kc.
Your Cost Each..... **29¢**

10 For..... **\$2.50**

PRESELECTOR COIL

Consists of three windings on a Bakelite form. Has antenna, primary and two loosely coupled secondaries. With solder lug terminals. 5 $\frac{1}{2}$ " long, 1 $\frac{1}{2}$ " in diameter.
K10130
Your Cost **5¢**
Each

10 For..... **40¢**

"TOOTHPICK" MICAS

Constructed of fine mica dielectric and heavy copper foil. In firm metal r.p.p. With solder lug and wire terminals. 200 volts d.c. working.
K654—.0025 mfd.
K655—.003 mfd.
Your Cost Each..... **1¢**

25 For..... **19¢**

FIBRE TUBING FOR COILS

Finest quality fibre tubing. Especially well suited for winding all types of coils. Stock No. Dimensions **Your Cost**
K10230 2 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ " **1¢** Each
K10238 3 $\frac{1}{2}$ " x $\frac{3}{8}$ " **75¢**
100 For.....

3-Pole, Double-Throw

A bargain among bargains. These switches can be used by servicemen and set builders. Nine silvered contacts on a Bakelite disc 1 $\frac{1}{2}$ " in diam. Rotating member has 3 silvered shorting blades. With $\frac{3}{4}$ " bushing. Milled shaft is 2" long and $\frac{1}{4}$ " in diam. For use as three pole d.t. or 3-circuit shortening switch.
K12961—**Your Cost**..... **12¢**

10 For..... **90¢**

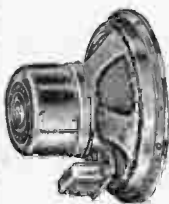
Dry Electrolytics 20 Mfd. 25 V. D.C.

Cardboard containers. With lugs, mounting flanges. Size, 2 $\frac{1}{4}$ " x 1 $\frac{1}{2}$ ". Fine for replacements.
K677—**Your Cost**..... **9¢**

10 For..... **85¢**

SPECIAL Speaker Values

★ MAGNAVOX 10" DYNAMIC SPEAKERS ★

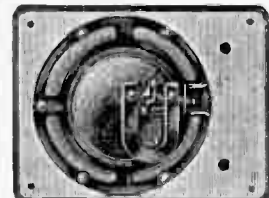


An amazing bargain value in these exceptionally fine electrodynamic speakers. 10" cone diameter. Field resistance 900 ohms (can be used to replace 1,000 ohms speakers). Ideal for public address systems, large radios, etc. Complete with output transformer to match a single



pentode tube (47, 2A5, etc.). Heavy, plated frame; pressed paper cone. Wide frequency range. Handles 5-watts. Shpg. wt. 16 lbs.
K19349—**Your Cost, Special**..... **\$1.75**
Same as above, but less output transformer.
K19350—**Your Cost, Special**..... **\$1.39**

STROMBERG-CARLSON 9" MAGNETIC SPEAKER



Ideal for schools, hotels, offices, etc. Made by Stromberg-Carlson for Graybar centralized sound systems. Mounted on a heavy, cast frame finished in ivory, 13 $\frac{1}{2}$ " x 11 $\frac{1}{2}$ ". Two holes for controls. Speaker is 9 $\frac{1}{4}$ " diameter, 4" deep. Stevens-Burtex cone. Coil resistance 1000 ohms.
Shpg. wt. 9 lbs.
K19170—**Your Cost**..... **\$1.95**

DYNAMIC SPEAKERS FOR AUTO RADIO SETS 8" TYPE

An unusually fine speaker constructed of the finest materials. Heavy field pot, solid spider, plated metal frame. 8" cone. With transformer to match p.p. 45's, 43's, etc. With cord and plug. Shpg. wt. 10 lbs.
K19178—**Your Cost**..... **89¢**



6" AUTO DYNAMIC

A high-quality unit similar to above, but less transformer. Has 3-ohm field. 6" cone. Shpg. wt. 4 lbs.
K19182—**Your Cost**..... **59¢**

SPECIAL 9 $\frac{1}{2}$ " ELECTRO-DYNAMICS

A fine quality speaker that affords excellent tone quality and frequency response. Supplied with 1000, 1800 or 2500-ohm field. Furnished with a universal output transformer; will match any type of output tube. Be sure to specify field resistance desired when ordering. Quantity limited.
Shpg. wt. 6 lbs.
K19120—**Your Cost**..... **\$2.40**



★ UTAH ORTHOVOX 6" MAGNETICS ★

Orthovox speakers employ a permanent magnetic field, and are comparable with the best dynamics. Three point anchorage of motor unit to frame. Built to stand up under severe conditions. Excellent tone quality. **Impedance 7,000 ohms**; matches single 10, 12, 18, 19, 20, 31, 33, 38, 41, 42, 43, 46, 47, 49, 59, 89, 2A5 and similar types. Shpg. wt. 4 lbs.
K19351—**Your Cost**..... **98¢**



98¢
Each

Exact Replacement PHILCO VIBRATORS

★ SPECIAL BARGAIN ★

Especially designed for all Philco auto sets 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, 811P816, C, D, E, F, FN, G, G122, H, H122, J, PAD, PBD; Q, R; EF
Elim., EG Elim. Fits standard 4-prong base and measures 4 $\frac{1}{4}$ " high exclusive of prongs, 2 $\frac{1}{4}$ " diameter. Guaranteed for 90 days under RMA standards.
K14632—**Your Cost Each**..... **98¢**

98¢
Each

1/2-MEG. RHEOSTAT WITH SWITCH



Rheostat type, 500,000 ohms. For tone control or audio shunt circuits. Bakelite case. Shaft extends 1 $\frac{1}{2}$ " and is $\frac{1}{4}$ " in diameter. Equipped with metal cover and

lug terminals.
K8339
Your Cost..... **15¢**
10 For..... **\$1.15**

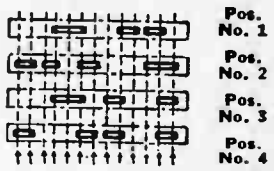
Single-Button Carbon Mike Transformer

Designed to match 200-ohm single button carbon microphone to grid of input tube. Will also match 200-ohm phonograph pickup to grid of input tube of amplifier. Completely shielded and finished in black japan. Bakelite terminal strip on top mounts 4 nut-bolt terminals. Includes capacitive shunt. Overall, 3 $\frac{3}{4}$ " high, 1 $\frac{1}{2}$ " by $\frac{1}{4}$ ". Has flanges for mounting on side or upright.
K5487—**Your Cost**..... **29¢**



10 For..... **\$2.25**

13-Contact Switch 4-Position Rotary



Rectangles in the schematic diagram above denote connections that are tied together when the switch is in the respective positions as shown. Contacts and contact points of phosphor-bronze. Shpg. wt. 2 lbs.
K12856—**Your Cost**..... **9¢**

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¢**



Combination 4-Pole D. T. and Single-Pole Single-Throw



Double gang switch with all Bakelite insulation and silvered, 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. An aluminum shield between sections. A $\frac{1}{2}$ " bushing keeps the switch 1" 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 dia.
K12962—**Your Cost**..... **15¢**
10 For..... **95¢**



Don't pay higher prices

BUY these NOW!

Bakelite and Steatite Octal Sockets



New type octal sockets for re-placements and for new sets. Will replace all standard wafer sockets. Have full length, sure-grip plated prongs that can easily be removed and replaced. Plated saddle has four ground lugs. RMA markings on under side. 1 1/2" centers, 1/2" deep.

K13107—Bakelite Your Cost Each..... **7¢**
K13108—Steatite Your Cost Each..... **17¢**

4-Section Electrolytic 8-8-4-4 Mfd., 300-25 V.

Filter and bypass unit in cardboard container with flanges 8-8 mfd., 300 volts, and 4-4 mfd., 25 volts (d.c. working voltage). 2 3/8 x 1 3/8 x 1 3/8"; centers 3 3/8".



K679—Your Cost Each..... **25¢**

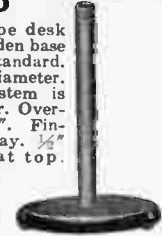
11,500 Ohm Field Coil



Ideal for general replacements. 1 3/8" high, 2 3/8" diameter, 1 1/2" hole. Long wire leads. Shpg. wt. 2 lbs. **K19610**—Your Cost Each..... **25¢**

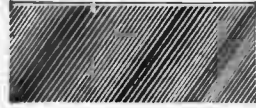
MICROPHONE DESK STAND

A banquet type desk stand with wooden base and steel pipe standard. Base is 7" in diameter. Heavy metal stem is 1 1/2" in diameter. Overall height 10 1/2". Finished in dark gray. 1/2" pipe thread at top. Shpg. wt. 3 lbs. **K13590**—Your Cost Each..... **29¢**



Adapter for above: Changes 1/2" pipe thread to fit 3/8"-27 thread. For all popular microphones. **K13556**—Your Cost Each..... **29¢**

Aluminum Panels



High grade aluminum panels 1/2" thick. For shields, chassis, etc. Easily bent, cut, drilled. At new low prices. Shpg. wt. 2 lbs. Stock No. Size Your Cost
K22227 3 1/2 x 10" 18c
K22228 3 1/2 x 12" 20c
K22226 3 1/2 x 19" 27c

Aluminum Shield Cans



Ideal for use as coil shields, etc. Made of good quality aluminum. Offered in two standard sizes, and at prices that are practically "give-aways". Keep several on hand—they're useful. **K12651**—2 3/4 x 1 1/2" **3¢**

K12652—3 1/2 x 2" Your Cost Each..... **3¢**

Push-Pull 6L6 Output Transformer



A high quality, fully shielded transformer made by Thordarson. Primary impedance 6000 ohms plate to plate, matches p.p. 6L6's (400 volts on plate). Secondary for 2 ohm voice coil. 3 1/2 x 2 3/4 x 3". Wt. 4 lbs. **K1546**—Your Cost..... **\$1.10**

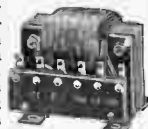
Flush-Mounting 7-Tube Transformer

Completely shielded; bottom shell type with long color coded leads. Primary for 115 volts, 50-60 cycles a.c. Secondaries: high voltage 325/325 volts at 75 ma.; 6.3 volts c.t. at 1.2 amps. (4 heaters); 2.5 volts c.t. at 3 amps. (2-power tubes); 5 volts at 2 amps. (rectifier). 3 1/2 x 2 1/8 x 3 1/2". Shpg. wt. 3 lbs. **K2239**—Your Cost..... **95¢**



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 1/4 x 3 x 2 1/8"; 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, Either Type..... **\$1.19**

Midget Choke 10 Henrys, 50 Ma.

Open frame, strap mounting choke ideal for compact receivers. Only 2 x 1 1/2 x 1 1/4"; centers 2 3/8". Inductance 10 henrys, maximum d.c. 50 milliamperes. D.C. resistance 290 ohms. Long insulation leads. Shpg. wt. 2 lbs. **K1539**—Your Cost..... **19¢**



***SPECIAL OFFER* "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 60 to 3500 c.p.s. 200 ohms per button. Diaphragm is of gold sputtered duraluminum. Housed in polished aluminum case provided with four mounting rings. 3 7/8" diam. (including rings), 1 1/2" thick. Shpg. wt. 2 lbs. **K13411**—Your Cost..... **\$2.49**



ROLA G-12 Hi-Fidelity Speaker

High quality d.c. dynamic speaker having an unusually wide range; essentially flat from 50 to 8000 c.p.s. Voice coil impedance 8 ohms. Full 12" cone diameter. Pressed steel frame finished in instrument black, carrying handle included. Field resistance 675 ohms, for 110 volts. With transformer to match 250-500 ohm line. 12 1/2" high, 12 1/4" wide. Wt. 26 lbs. **K19240**—Your Cost..... **\$6.95**

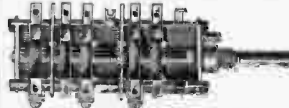


LAFAYETTE Pre-Amplifier With Electronic Mixer



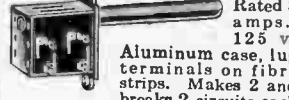
This unit, when used in conjunction with older type, low gain amplifiers (up to 70 db), will permit the use of the latest high-fidelity velocity and sound cell microphones, and will permit studio type mixing and fading of 3 input channels. Up to three mikes can be used. Each channel equipped with an individual gain control. In addition, a master gain and tone control are provided. Gain of 50 db is afforded by the pre-amplifier. The 6-volt model uses 6-6A6's, and the 2 1/2-volt model uses 6-75's. Input impedance 500,000 ohms; output impedance to match grid of input tube. Panel indicator shows when current is on. In black lacquer finished steel cabinet 10x7x5 1/2". Wt. 11 lbs. Model 204A—2 1/2-Volt Model **\$15.95** Each, Less Tubes
 Model 205A—6-Volt Model
ELECTRONIC MIXER ONLY: Same as the above, less pre-amplifier. For any amplifier with gain of 95 db or more. 6-Volt model uses 3-6C6's; 2.5 volt model uses 3-57's. Shpg. wt. 9 lbs. **\$11.95** Each, Less Tubes
 Model 200A—2 1/2-Volt Model
 Model 201A—6-Volt Model
POWER SUPPLY: For use with above units. For 110 volts, 60 cycles a.c. Steel chassis with screen cover, 8 1/2 x 6 1/2 x 6". With 80 rectifier. Shpg. wt. 19 lbs. **\$10.95**
 Model 1046-PP—Your Cost, Less Tube..... **\$10.95**

Combination D.P.S.T. and S.P.S.T. Switch



Gang switch simultaneously throws two double-pole single-throw and one single-pole single-throw switches. Silvered blades and contacts. Bakelite insulation. Shaft 3/4" diam., 1 1/2" long. Plated frame. Overall: 6 3/4" long, 1 1/2" wide, 1 1/4" high. With inter-shields. Shpg. wt. 2 lbs. **K12963**—Your Cost Each..... **19¢**

Four Pole Double Throw Switch



Rated 3 amps., 125 v. Aluminum case, lug terminals on fibre strips. Makes 2 and breaks 2 circuits each throw. Shaft extends 1 1/2". Mtg. centers 1 1/2". Quantity limited. **K12849**—10 For **\$1.00** Your Cost..... **12¢**

H. & H. Toggle Switch D.P.S.T.



Mounts back of panel. Rated 3 amps. at 125 volts. Bakelite case. Screw terminals. **K12819**—Your Cost..... **9¢**

JONES Radio Jacks and Switches



K12857—Single filament panel control jack. 3/8" hole mount. Binding post terminals. Nickel plated brass hardware. Type A.
K12858—Double circuit panel mount jack (similar to type A). Closed circuit type. 3/8" hole mount. Binding post terminals.
K12859—"A" battery panel switch. Push-button type. 3/8" hole mount. Binding posts. All Bakelite insulation. Nickel plated brass hardware. Type B.
 Your Cost Each, Any Above Type..... **7¢**
 10 For..... **58c**

RADIO KNOBS



K9932—Type A: Bakelite knob, Philco type. Brown, with decorative "easy grip" edge. 3/4" top diam., 3/4" base. Push-on spring type.
K9614—Type B: Round wood knob, brown walnut. 3/4" diam., 3/8" deep. Push-on spring type.
K9615—Type C: Brown Bakelite octagonal knob, decorative top. 3/4" diam., 1/2" deep. Push-on spring type.
 Your Cost Each, Any Above Type..... **3¢**
 60 For..... **98c**

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



SPECIAL VALUES IN DRY ELECTROLYTICS

★ 8 Mfd. 450 Volt Dry Electrolytic Condenser



550 Volts Peak

In cardboard containers with flanges. Long insulated leads for connections. Of standard manufacture—built to high standards and fully guaranteed. Overall size: $4\frac{1}{2}$ " long, $1\frac{1}{2}$ " wide and 1" high; centers $4\frac{1}{2}$ " apart. Shpg. wt. 1 lb. List price 95c. K3200—25 For.....\$3.50
Your Cost Each Special **15¢**

★ Dual 8 Mfd. 450 Volt Dry Electrolytic



550 Volts Peak

Cardboard container with flanges. Four leads—separate sections. Standard manufacture—fully guaranteed. Size: $4\frac{1}{2}$ " long, $1\frac{1}{2}$ " wide and $1\frac{1}{2}$ " high; mounting centers $4\frac{1}{2}$ ". Shpg. wt. 1 lb. List Price \$1.40. K3201—10 For.....\$3.25
Your Cost Each Special **35¢**

★ A.C.-D.C. Electrolytic 16-8-5-5 Mfd., 200-35 V.



Filter and By-Pass Block

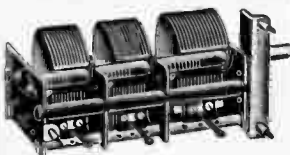
Suited for use in a.c.-d.c. midsets. Four sections: 16 and 8 mfd. at 200 volts peak, 5-5 mfd. at 35 volts peak. Color coded leads. Size: $3x1\frac{3}{4}x1$ "; centers $3\frac{1}{2}$ ". Shpg. wt. 1 lb. List Price \$1.75. K3202—10 For.....\$3.25
Your Cost Each Special **35¢**

Wafer Tube Sockets

The 5-prong sockets have mounting centers $1\frac{1}{4}$ " apart. The 6 and 7-prong sockets have mounting centers $1\frac{1}{2}$ " apart. Limited quantity available. K13159—6 prong. K13193—7 prong, small. Your Cost Each, **1 1/2¢**
50 For.....60c
100 For.....90c



3-Gang Condenser For Short Wave Sets



Made for a nationally known manufacturer. Each section has a capacitance of .00046 mfd. Two of the sections have standard spaced plates with split end plates; the third section has extra wide spacing for more efficient oscillator tuning. $\frac{1}{8}$ " shaft extends $1\frac{1}{2}$ ". $5\frac{1}{2}x\frac{1}{4}x1\frac{1}{2}$ ". K9628—Your Cost.....**23¢**

3-Gang 410 Mmfd. Variable Condenser



An exceptionally well constructed aluminum plate condenser for use in short wave receivers. Has three sections, each .00041 mfd. capacity. Features include: ball bearing rotor shaft; split end plates; heavy spring wipers on each section; lug terminals on each side. $\frac{3}{8}$ " shaft extends $\frac{1}{2}$ ". $3\frac{3}{4}$ " long, $1\frac{1}{2}$ " high, $3\frac{3}{4}$ " wide. Shpg. wt. 2 lbs. K9616—Your Cost Each. **45¢**

SPARTON By-Pass Models 9A, 410, 420

An exact replacement for the original Sparton part No. A6456. Originally used in Models 9A, 410 and 420. Contains four sections, each 3 mfd., 400 volts d.c. working voltage. Guaranteed to be equal to or better than the original part. K548—**6¢**
10 For.....45c



800 Ohm 10-Watt Resistor



Finest resistance wire covered by a coating of vitreous enamel. 800 ohms, conservatively rated at 10 watts capacity. K5096—Your Cost.....**4¢**
10 For.....22c

Wire Wound Voltage Dividers



K20447—Resistance 2250 ohms. No taps. Lug terminals. Mtg. feet. K20513—Resistance 465 ohms, tapped at 90 ohms. Solder lug terminals. Mounting feet. Your Cost Each, **3¢**
100 For.....\$1.95

BAKELITE KNOBS



Spring Type
Black molded Bakelite, hexagon shape (six sided). Decorated top 1" in diameter. Push-on type (steel spring). Your Cost Each.....**2¢**
50 For.....75c

1" BAKELITE KNOB



Screw Type
Decorative knob in shining brown Bakelite. Relief map of world on face. Top is $1\frac{1}{2}$ " diameter, 1" base. Steel set screw. For $\frac{1}{4}$ " shafts. K9623—Your Cost Each.....**5¢**
50 For.....\$1.95

Special Offer Of Mica Condensers



In sturdy molded Bakelite cases. All of standard and popular manufacture. Specify capacity desired when ordering.
Cap. Mfd. Cap. Mfd. Cap. Mfd. Cap. Mfd.
.000005 .0006 .00015 .00035
.00001 .00005 .0002 .0005
.00002 .0001 .00025
K4189—100 For \$1.75. Your Cost Each.....**2¢**
K4188—Specify cap. desired.
.001 mfd. .003 mfd. .006 mfd.
.002 mfd. .005 mfd.
Your Cost, 100 For \$2.50. **3¢**
Each

Metal Cased Dual By-Pass Units



High quality by-pass condensers in circular aluminum cases. Pigtail wire leads. Case is common negative. All conservatively rated at 400 volts d.c. working voltage. Metal collar for mounting.
Stock No. Cap. Mfd. Size In. Your Cost
K733 .05—.05 $1\frac{1}{2}x\frac{3}{8}$ " **3¢**
K734 .1—.1 $1\frac{1}{2}x\frac{3}{8}$ "
K736 .25—.06 $3\frac{1}{2}x\frac{3}{8}$ " \$1.95
100 Assorted for.....

Another LOW PRICE SCOOP!



PILOT Micas
Finest ruby mica. Bakelite cases. Mount with two bolts; all necessary hardware furnished. Individually boxed. Capacities marked. Each **3¢**
K660—.00004 mfd.
K661—.00015 mfd.
K662—.0002 mfd.
K663—.003 mfd. 100 For \$1.95

Metal Cased Micas



Finest ruby mica securely fastened between two heavy metal plates. 500 volts d.c. working voltage. $\frac{1}{8}x\frac{1}{2}x\frac{3}{4}$ " thick. K657—.005 mfd. **3¢** Each
K658—.00025 mfd.
K659—.003 mfd. 10 For...22c

.01 Mfd. Tubular Unit 200 Volts



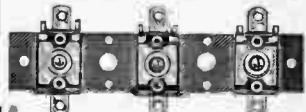
Compact unit, with pigtail wire leads. Unmarked. Fully impregnated. 200 volts d.c. working voltage. .01 mfd. 100 For \$1.60. K678—Your Cost.....**2¢**

12 Mfd. 25 Volt Dry Electrolytic



In tubular aluminum can $2\frac{1}{4}x\frac{3}{8}$ ". Bare wire leads. Positive terminal marked. 12 mfd., 25 working volts. K554—10 For 59c. Your Cost Each.....**7¢**

Triple Trimmer



Three individual trimmer condensers mounted on a single fibre strip $3\frac{3}{4}$ " long by $\frac{3}{4}$ " wide. Each trimmer has a capacity of 3-30 mmdf. Isolanite insulation used. Solder lug terminals on both sides. Finest ruby-mica dielectric. Mounting centers $3\frac{3}{4}$ " apart. K9621—10 For 39c. Your Cost Each.....**5¢**

Air-Tuned Trimmers



The newest "Trim-Aire" units. Each housed in heavy plated brass case; ceramic insulation. Special compression washer maintains capacitance for exceptionally long periods. Projecting (top) screw driver adjustment. $1\frac{1}{2}x\frac{1}{2}$ " diam. K9619—RC606. 3-12 mmdf. K9620—RC603. 5-25 mmdf. Your Cost Each.....**9¢**
10 For.....69c

5-Meter Interruptor Coil



Especially well suited for use as low frequency oscillator in 5-meter super-regenerative sets. Wound on a wood dowel, and wax impregnated and covered. Has solder lug terminals. $1\frac{1}{2}$ " diameter. K10282—10 For 75c. Your Cost Each.....**9¢**

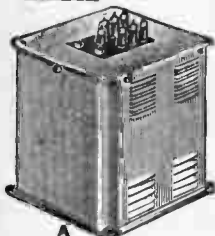
Every Day is BARGAIN DAY at Wholesale Radio Service Co. Inc.



We challenge You to EQUAL these Prices!



SPECIALLY PRICED SHIELDED HIGH-POWER TRANSFORMERS



These units are made by the United Transformer Corporation. Type "A", illustrated at left, is housed in a ventilated, silver-finished shield; ceramic high-tension terminals are brought out on top. Type "B" is for inverted mounting and has lug terminals. **Both types have primaries for 110 volts, 60 cycles a.c.**

Plate Transformers

Type 20462E—575-525-0-525-575 volts at 500 ma. For p.p. tubes like 6L6, 807, 46, 59, etc. Shpg. wt. 22 lbs. "A" housing. **K5479—6 $\frac{1}{2}$ x5 $\frac{1}{2}$ x7 $\frac{3}{4}$ "**

Your Cost \$5.20

Plate and Filament Transformers

Type 20757—This power transformer is ideal for low-power rigs such as those using 6L6, etc. 600-0-600 volts a.c. at 200 ma.; 2.5 volts c.t. at 10 amps.; 7.5 volts (tapped at 6.3 volts) at 3 amps.; 5 volts at 3 amps. Type "B". Wt. 14 lbs. 6 $\frac{1}{2}$ x4 $\frac{1}{2}$ x6 $\frac{1}{4}$ "

\$2.95

Type 21647—500-425-0-425-500 volts a.c. at 250 ma.; 6.3 volts c.t. at 3 amps.; 6.3 volts c.t. at 3 amps.; 5 volts at 3 amps. Type "B" housing. Shpg. wt. 14 lbs. 6 $\frac{1}{2}$ x4 $\frac{1}{2}$ x6 $\frac{1}{4}$ "

\$2.95

K5474—Your Cost, Special
Type 23160—600-525-0-525-600 volts a.c. at 300 ma.; 7.5 volts (tapped at 6.3 volts) at 3 amps.; 6.3 volts at 5 amps., tapped at 2.5 volts at 10 amps.; 5 volts at 3 amps. Type "B" housing. Shpg. wt. 14 lbs. 5 $\frac{1}{2}$ x5 $\frac{1}{2}$ x6"

\$5.50

The voltages indicated in the following listing are a.c. at the transformer terminals each side of secondary center tap.

Type 20462A—Delivers 1000-750-0-750-1000 volts a.c. at 300 milliamperes. Shpg. wt. 24 lbs. Type "A". 6 $\frac{1}{2}$ x5 $\frac{1}{2}$ x7 $\frac{3}{4}$ "

Your Cost \$5.20

Type 20462B—Delivers 1500-1250-0-1000-1250-1500 volts a.c. at 300 milliamperes. Wt. 28 lbs. Type "A". 7x6 $\frac{1}{2}$ x7 $\frac{3}{4}$ "

Your Cost, Special \$6.75

Type 20462C—Delivers 2500-2000-1500-0-1500-2000-2500 volts a.c. at 300 milliamperes. Type "A" shield. Wt. 36 lbs.

Your Cost, Special \$10.95

Type 20462D—Delivers 1500-1250-1000-0-1000-1250-1500 volts a.c. at 500 milliamperes. Type "A" shield. Wt. 34 lbs.

Your Cost, Special \$10.95

Filament Transformers (Type B)

Fully shielded units. All primaries tapped at 105-115 volts, 50-60 cycles a.c. Secondaries center tapped. Offered at especially low prices. Shpg. wt. each 5 lbs.

Stock No.	Type No.	Secondaries Volts	Primary Amps.	Primary Volts	Insul. H.	Size W. x D.	Your Cost
K5472	22283	2.5	c.t.	10	5000	3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x4 $\frac{1}{4}$ "	\$1.65
K5735	22284	5-5.25	c.t.	13	2500	3 $\frac{1}{2}$ x4 $\frac{1}{2}$ x3 $\frac{1}{4}$ "	2.00
K5736	22285	7.5	c.t.	8	2500	3 $\frac{1}{2}$ x4 $\frac{1}{2}$ x3 $\frac{1}{4}$ "	1.90
K5737	22286	10	c.t.	8	2500	3 $\frac{1}{2}$ x4 $\frac{1}{2}$ x3 $\frac{1}{4}$ "	2.30

BARGAIN "HAM" FILTER CAPACITORS



Special bargain offer of these high voltage filter capacitors. Oil impregnated, paper dielectric. Housed in heavy metal containers with mounting flanges. Perfectly sealed; moisture and humidity proof. Lug terminals

mounted on porcelain stand-off insulators. No. K2735 is 3 $\frac{1}{2}$ " high. All other models are 5 $\frac{1}{2}$ " high.

1000 Working Volts D.C.

Stock No.	Cap.	Dimensions W. x H. x D.	Your Cost
K2735	1	3 $\frac{1}{2}$ x2 $\frac{3}{4}$ x1 $\frac{1}{2}$ "	\$0.98
K2736	2	5 $\frac{1}{2}$ x2 $\frac{3}{4}$ x1 $\frac{1}{2}$ "	1.25

1500 Working Volts D.C.

Stock No.	Cap.	Dimensions W. x H. x D.	Your Cost
K2737	1	5 $\frac{1}{2}$ x3 $\frac{1}{2}$ x1 $\frac{1}{2}$ "	1.25
K2738	2	5 $\frac{1}{2}$ x4 $\frac{1}{2}$ x2 $\frac{1}{2}$ "	1.69

2000 Working Volts D.C.

Stock No.	Cap.	Dimensions W. x H. x D.	Your Cost
K2739	1	5 $\frac{1}{2}$ x3 x 2"	1.49
K2740	2	5 $\frac{1}{2}$ x3 $\frac{1}{2}$ x2 $\frac{1}{2}$ "	2.15

4-Pie Coil Form

Glazed Isolantite, 1 $\frac{1}{2}$ " long, $\frac{3}{8}$ " in diameter. Has 4 shielded sections



for pie-winding of r.f. chokes, etc. Holes in ends for mounting screws.

K15920—Your Cost Each \$1.00
10 For \$7.50

Input (Swinging) Chokes 5-20 Henrys

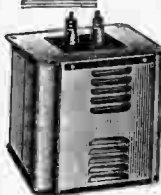
200 Ma. unit has 2000 volt insulation, others 3000 volts. All inductions at full rated load.

Stock No.	Ma. D.C.	Size W. x H. x D.	Wt. Lbs.	Your Cost
K609	200	3 $\frac{1}{2}$ x2 $\frac{3}{4}$ x4"	7	\$2.20
K610	300	3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x4 $\frac{1}{2}$ "	9	2.94
*K611	500	5 $\frac{1}{2}$ x6 x 7 $\frac{3}{4}$ "	29	5.29

*Type C mounting; others type B mounting.



HAM CHOKES



A complete line of heavy duty smoothing and filter chokes especially designed for ham use. Also suitable for p.a. work. Fully shielded in ventilated cases. All have stand-off terminals except the 200 ma. units which have lug terminals.

Dimensions:

200 ma. units: 4 $\frac{1}{2}$ x3 $\frac{1}{2}$ x4"
300 ma. units: 5 $\frac{1}{2}$ x4 $\frac{1}{2}$ x6 $\frac{1}{4}$ "
400 ma. units: 5 $\frac{1}{2}$ x5 $\frac{1}{2}$ x6 $\frac{3}{4}$ "
500 ma. units: 6 $\frac{1}{2}$ x5 $\frac{1}{2}$ x7 $\frac{3}{4}$ "

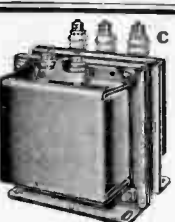
Smoothing Chokes

Stock No.	Induct. H.	Ma. D.C.	Your Cost
K5464	20	200	\$1.45
K5465	20	300	2.85
K5466	20	400	3.45
K5467	20	550	4.95

The swinging chokes listed above are used where excellent regulation is desired. Low inductance value is obtained at full load.

Swinging Chokes

Stock No.	Induct. H.	Ma. D.C.	Your Cost
K5468	5-25	200	\$1.45
K5469	5-25	300	2.85
K5470	5-25	400	3.45
K5471	5-25	550	4.95



THORDARSON 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 THORDARSON quality.

Primary for 110 volts, 60 cycles a.c. All secondaries center tapped.

FILAMENT TRANSFORMERS (Type B)

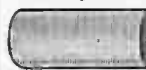
Stock No.	Type No.	Secondaries Volts	Amps.	Wt. Lbs.	Volts Insul.	Size W. x D. x H.	Your Cost
K615	T-16P08	2.5	5.25	2	2000	2 x 2 x 2 $\frac{3}{4}$ "	\$0.88
K616	T-16P09	2.5	10	4	2000	2 $\frac{1}{2}$ x2 x 3"	1.03
K617	T-16P10	2.5	10	3	7500	2 $\frac{1}{2}$ x2 $\frac{3}{4}$ x3 $\frac{1}{4}$ "	1.62
K618	T-16P11	5.25	4	3	2000	2 $\frac{1}{2}$ x2 $\frac{3}{4}$ x3 $\frac{1}{4}$ "	1.18
K619	T-16P12	5.25	13	5	2000	3 $\frac{1}{2}$ x2 $\frac{1}{2}$ x4"	2.06
K624	T-16P17	6.3	3	2	2000	2 x 2 x 2 $\frac{3}{4}$ "	1.03
K620	T-16P13	7.5	4	3	2000	2 $\frac{1}{2}$ x2 $\frac{1}{2}$ x3 $\frac{1}{4}$ "	1.18
K621	T-16P14	7.5	8	5	2000	3 x 2 $\frac{1}{2}$ x3 $\frac{3}{4}$ "	1.91
K622	T-16P15	10	4	4	2000	2 $\frac{1}{2}$ x2 $\frac{3}{4}$ x3 $\frac{1}{4}$ "	1.76
K623	T-16P16	10	8	5	2000	3 x 2 $\frac{1}{2}$ x3 $\frac{3}{4}$ "	2.35

HI-POWER PLATE TRANSFORMERS (Type C)

Secondaries tapped for use at two voltages, as listed. Type T—16P00 inverted mtg. unit with leads.

Stock No.	Type No.	Sec. A.C. Volts	D.C. Volts	D.A. M.A.	Dimensions W. x D. x H.	Shpg. Wt. Lb.	Your Cost
K217	T-16P00	640/610	600/600	200	3 $\frac{1}{2}$ x4 x 5"	9	\$3.88
K218	T-16P01	1220/1550	1000/1250	300	5 $\frac{1}{2}$ x7 x 7 $\frac{1}{2}$ "	26	7.64
K219	T-16P02	1250/1540	1000/1250	500	6 $\frac{1}{2}$ x7 $\frac{1}{2}$ x8"	39	12.34
K220	T-16P03	1740/2140	1450/1800	300	6 $\frac{1}{2}$ x6 $\frac{1}{2}$ x8"	33	11.17
K221	T-16P04	2370/2950	2000/2500	300	6 $\frac{1}{2}$ x8 x 8"	43	13.67

Heavy Duty Insulator



Isolantite stand-off insulator. 3" long, 1 $\frac{1}{4}$ " diam. High breakdown voltage. Ends threaded for 10-32 screws (no hardware supplied).

K15917—Your Cost Each \$1.60
10 For \$14.00

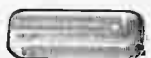
Midget Stand-Off

Unglazed Isolantite, 1" high, $\frac{1}{8}$ " diam. Center hole $\frac{1}{8}$ ". For mounting coils, condensers, etc.

K15918—10 For 25c
Your Cost Each 3c

Strain Insulator

Glazed Isolantite. 1 $\frac{1}{2}$ " long, $\frac{1}{4}$ " diameter.



Breaks up guying lengths. **K15919—10 For 25c.**
Your Cost Each 3c

Shaft Coupling



Unglazed Isolantite. Couples 2 $\frac{1}{4}$ " shafts. Has two 8-32 screws. 1 $\frac{1}{4}$ " long, $\frac{3}{4}$ " diameter.

K15923—Your Cost Each \$1.50
10 For \$12.50

Wall Insulator

Glazed Isolantite. 1 $\frac{1}{2}$ " high, 2 $\frac{1}{2}$ " base diameter, 1" diameter top.



Three holes in base for mounting. Hole in rough center for terminal screw. No hardware supplied. **K15922—Your Cost Each \$6.00**
10 For \$35.00

Filter (Smoothing) Chokes 12 Henrys

200 Ma. unit has 2000 volt insulation, others 3000 volts. All inductions at full rated load.

Stock No.	Ma. D.C.	Size W. x H. x D.	Wt. Lbs.	Your Cost
K612	200	3 $\frac{1}{2}$ x2 $\frac{3}{4}$ x4"	7	\$2.20
K613	300	3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x4 $\frac{1}{2}$ "	9	2.94
K614*	500	5 $\frac{1}{2}$ x6 x 7 $\frac{3}{4}$ "	29	5.29

*Type C mounting; others type B mounting.

Last Minute SPECIALS

MANTEL MODEL



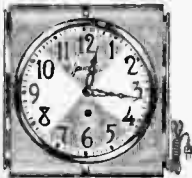
A beautiful wide base electric clock in a grained oak case with neat decorations. Large easy to read dial has raised figures. Dial has brass trim. For operation on 105/125 volts, 60 cycles a.c. only. Indicator on dial shows when current is on. Costs about 1/100 of a cent an hour to operate. With approved cord and plug set. 7" high, 11" base. Wt. 4 lbs.

K25202—
Your Cost, Special... **\$2.29**

SESSIONS ELECTRIC CLOCKS

★ THE BUY OF A LIFETIME! ★
QUANTITIES ARE LIMITED

You'll never get another bargain special like this again. These genuine Sessions electric clocks, famous for their high quality the world over, are made to sell for \$7.50 each. You save more than \$5.00 on each one. Act quickly—quantities are limited.



KITCHEN MODEL

Housed in attractive hardwood case with colored enamel finish silver trim. Silvered dial has raised figures and is 5 1/2" in diameter. For 105-125 volts 60 cycles a.c. With cord and plug. Shpg. wt. 4 lbs.

K25204—Green
K25205—Ivory
K25206—Red
Your Cost Special... **\$1.98**

MODERNE MODEL

For 105-125 V. 60 Cycles A.C.



Modern styled clock with grained oak case and brass trim. 5 1/2" dial has raised figures; convex glass face. With approved cord and plug set. 8 3/4" high, 6 3/4" wide. Indicator shows when current is on. Consumes only 2-watts (costs about 1/100 of a cent an hour).

K25203—
Your Cost, Special... **\$2.29**

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. 160 and 80 meter crystals are supplied to within 2 kc. of specified frequency; 40-meter to within 3 kc. **Specify frequency desired when ordering.**

K13512—160 meter mounted x'tal
K13513—80 meter mounted x'tal
Your Cost, Either Type... **\$2.90**
K13514—40-meter mounted crystal.
Your Cost... **\$3.40**



ALADDIN IRON CORE I.F.'S Adjustable

Inductively coupled Litz wound coils. Provided with lateral adjustment to obtain desired coupling. Top tuned trimmers on Isolantite forms. In aluminum can 3 1/2" high.

No.	Kc.	Use	Tubes
K9686	456	Interstage	6D6-6D6
K9685	456	Converter	6A7-6D6
K9684	456	2nd I.F.	6D6-Diode
K9725	456	Converter	6A8-6K7
K9726	456	Diode In.	6K7-6H6
K9683	175	C.W.I.F.	6D6-6D6
K9682	175	C.W.I.F.	6D6-Diode

Your Cost Each, Any Above Type... **\$1.76**

Air-Tuned

For precision custom-built receivers. Inductively-coupled, air-tuned, Litz wound coils on Polyiron core. Rectangular aluminum can 4x1 1/4x1 1/4". Top tuning. Color-coded leads.



No.	Kc.	Use	Tubes
K9681	456	Converter	6A7-6D6
K9680	456	Diode In.	6D6-Diode
K9679	456	Interstage	6D6-6D6
K9678	456	Converter	6A8-6K7
K9677	456	Diode In.	6K7-6H6
K9676	175	Converter	6A7-6D6
K9675	175	Diode In.	6D6-Diode

Your Cost Each, Any Above Type... **\$3.23**
Crystal input; 456 kc... **\$3.67**
K9635—Each

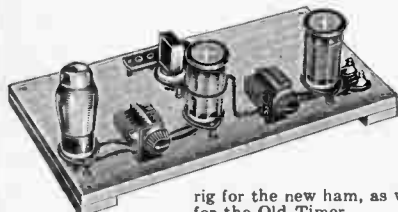
RCA Beat Freq. Osc.

For use with any short-wave super-het having an intermediate frequency between 415 and 700 kc. Receiver must also be able to supply power for an additional tube filament. For 2.5 volt sets, use a 58 tube; a 6D6 with 6.3 volt sets. Control rod varies the pitch of the note. Entire assembly on metal chassis 7x2 3/4x7". Full instructions included. Shpg. wt. 7 lbs.



K21454—Oscillator
less tube. Your Cost... **\$7.50**

A.C. OPERATED CRYSTAL TRANSMITTER



This x'mitter has been OK'd by Frank Jones of RADIO. Can be assembled and put on the air in an hour. Has covered over 2000 miles on 80 meters. Xtal-excited, push-pull oscillator circuit, using a 6A6 double-triode tube. A swell

rig for the new ham, as well as a fine stand-by for the Old Timer.

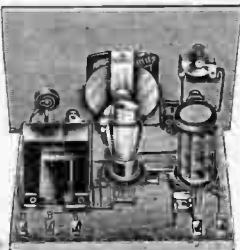
X'mitter kit includes 4 Steatite sockets, 2 ribbed coil forms, 2 double-spaced variable condensers with knobs, 2 stand-off insulators, Bakelite strip, 2 r.f. chokes, all necessary condensers, resistors, coil and hook-up wire. **Power supply kit** includes transformer, 2 electrolytics, choke, socket, terminal strip, wire and hardware.

K21070—Complete kit of parts for transmitter; less baseboard, crystal, tube and power supply. Shpg. wt. 10 lbs. **\$4.94**
Your Cost
K21071—Complete kit of parts for power supply; less baseboard and tube (type 80). Shpg. wt. 5 lbs. **\$2.66**
Your Cost

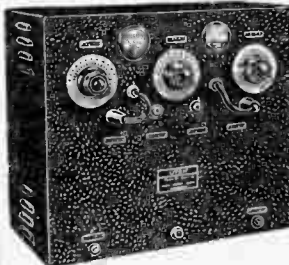
BATTERY OPERATED HAM BAND RECEIVER

When used in conjunction with x'mitter above makes up an ideal and sure-fire station for the beginner. Electrical band-spread on all bands combined with plenty of "sock" assures splendid reception with surprising DX results. 1 plug-in coils cover the 20, 40, 80 and 160 meter bands. Kit includes panel, vernier dial, a.f. transformer, r.f. choke, 3 tuning condensers, knobs, "on-off" switch, grid leak and condenser, audio resistor, phone plug and jack, terminals and all necessary hook-up wire and hardware. Supplied with complete and easy-to-understand instructions.

K21072—Complete kit of parts for receiver, less baseboard, tube, batteries and phones. Shpg. wt. 10 lbs. **\$6.95**
Your Cost
RCA type 19 double-triode tube. **Your Cost**... 68c
Eveready Battery Kit: 2-No. 6A, 2-45 v. "B", No. 772... \$2.44
K13892—Set of "Empire" 2000-ohm headphones. **Your Cost**... 97c



UTAH Add-A-Unit X'mitter Kits



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. 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 thruout; size 18" 16x9 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 (one and c.w. transmitter. High-fidelity class AB fixed bias 6L6 amplifier. Self-contained power supply; size 18x16x9 1/2"; uses 2-6L6G's, 2-6C5's, 1-6N7, 1-6J7, 1-80, 1-5Z3. Shpg. wt. 60 lbs. **K21155**
Your Cost... **\$44.50**

ANTENNA COUPLING KIT
Matches any tuned feeder antenna system. 18x8x9 1/2". Wt. 17 lbs. **K21156**
Your Cost... **\$13.95**

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-T55s, 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 2-203Z 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. **\$49.75**
Your Cost... **\$49.75**

Electro-Call Inter-Communicating Systems



TWO-STATION Inter-Communication System

The Electro-Call Two-Way Inter-Communicating System permits instantaneous, two-way amplified communication. It is designed for any type of service which does not require the use of selector knobs as incorporated in the system below. Installation is a matter of but a few moments. Merely inter-connect the units with the color-coded cable, plug into any 110 volt socket, alternating or direct current, and the system is ready for dependable and trouble-free operation.

length—no necessity to lean over and shout into the instrument.

For 110 Volts—A.C. or D.C.

Connected to any 110 volt socket, a.c. or d.c. reproduction is loud and crystal clear. Volume is well above average noise levels.

K21407—Electro-Call Inter-Communicating System, with all tubes, 1 substation (complete—less wire) instructions. Shpg. wt. 8 lbs.

List price \$39.95

\$23.40

Your Cost

K21408—Additional station. Your Cost . \$6.75

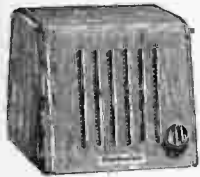
K21409—50-ft. color-coded cable (3-wire). \$1.80

K21410—100-ft. color-coded cable (3-wire). 3.50

K21411—250-ft. color-coded cable (3-wire). 7.45

splendid systems are invaluable in stores to connect with store-rooms, stock-rooms, etc. Many who have installed them cannot conceive their ever having operated without them. They are a natural adjunct to any modern organization. These systems are constructed for long, hard service. They are fool-proof and cannot be matched for service or value at the low price at which we are now offering them.

As many as four outlying stations connected in parallel may be operated from the one Master unit. A talk-listen switch on the master unit permits the Master unit to be in full control at all times regardless of the position of the switch on the outlying station. A turn of the knob and you are in simultaneous communication with all other stations. The Electro-Call system operates while you speak at arm's



TYPICAL APPLICATIONS

- ★ Doctor to Nurse
- ★ Home to Garage
- ★ Salesroom to Stock Department
- ★ Shipping Department to Loading Platform



FIVE-STATION Inter-Communication System

This Five-Way System affords the most efficient, economical and speedy method of holding direct, two-way amplified communication between two persons or departments. Operating on 110 volts a.c. or d.c. it can be installed simply and quickly by anyone—no mechanical or electrical ability is required. Merely connect the cables and plug into the light socket and you are in direct communication with any ONE of five different points or with ALL FIVE SIMULTANEOUSLY!

length or more—provide a convenience that soon makes the entire system an indispensable convenience wherever used. Splendidly engineered and constructed it will give years of service.

Volume—Clarity—Service

The sensitive circuit affords ample volume to counteract average noise levels. Radio-set clarity and hard dependable service are assured because of the Electro-Call's superior design and engineering.

K21406—Electro-Call System, one Master and one outlying station, complete, with tubes, ready to install. Shpg. wt. 9 lbs.

Your Cost

\$26.95

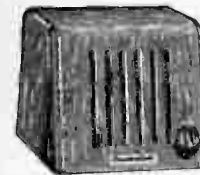
For cost of additional stations and color-coded cable see listing above.

Easy to Operate

Any one of the selector knobs can be set to permit any station to communicate with all others simultaneously, or it can be set for two-way communication between the master set and only one of the other stations. The master unit, in addition to the selector knobs, houses the amplifier, an "on-off" and gain-control switch for the entire system. A handsome name plate is provided for inscribing the names or locations of the various outlying stations.

TYPICAL APPLICATIONS

- ★ Executive Office to Department Heads
- ★ Factory Superintendent to Foremen
- ★ Small Hotel Paging System



The master unit and substations are in attractive, modernistic walnut cabinets that are readily mountable on desks or walls. This system can operate up to twelve outlying stations. This master can call the outlying stations regardless of position of switch on outlying stations.

The Five Selector Knobs on the Master Unit give this inter-communicating system a real element of privacy not possible in the usual inter-communicating systems where messages are reproduced through every speaker on the line. This advantage plus the ability to speak into the unit at a comfortable distance—arm's

Lafayette

VOLTAGE REGULATOR AUTO TRANSFORMERS 250 and 500 Watt Models



This voltage regulating auto-transformer is especially designed for stepping-up low voltages or dropping down highline voltages to correct value—115 volts. It can be used with all radios, amplifiers and electrical equipment—prevents premature breakdowns and burnouts. The transformer winding is tapped in steps of five volts from 80 to 155 volts which range covers even unusually high or low inputs. Desired range is obtained by the use of a selector switch. Among the features of this unit are: a built-in precision type Triplett 0-150 volt a.c. voltmeter, line fuse, two output receptacles on rear of the case, a six foot Underwriters approved "on-off" and a "high-low" toggle switch are mounted on the front panel. The complete assembly is housed in an attractive black, crystalline finished steel case. Dimensions: 6½x7x4½". For use on 60/60 cycle a.c. lines only.

K1423—250 Watt Model. Shpg. wt. 14 lbs.

K1424—500 Watt Model. Shpg. wt. 14 lbs.

Your Cost

\$15.95

\$18.95

Lafayette

INDUSTRIAL PACK FOR 6-VOLT DEVICES



This unit is particularly designed to convert 50 to 60 cycles, 110 volts alternating current to 6 volts of direct current at 3 amperes. Many commercial devices, such as counting machines and industrial devices are powered by means of this device. It will provide field excitation to speakers having a six volt field. Sufficient power is supplied to excite any number of speaker fields requiring a total of 18 watts of power. There are no tubes to replace; long-life oxide rectifiers convert the current thus assuring trouble free operation for long periods of time. Makes an ideal unit for operating portable 6 volt phonograph units used in sound-trucks. The entire pack is mounted on a black enameled steel chassis with the entire assembly covered by a black enameled screen. Overall dimensions are: 8¼ inches high, 6¼ inches deep and 6½ inches high. With "on-off" switch and ruby pilot light on front panel. Will not overheat and can withstand considerable rough usage. Provided with Nation Underwriters approved rubber cord and plug. Shpg. wt. 11 lbs.

Model 1056-PP—Your Cost

\$18.50

NEW BOSTON, MASS. BRANCH—110 Federal St.

STYLE has the spotlight in 1938 Public Address systems by Lafayette. Streamlined style synchronised with the modern era—new lines, new colors, that capture the surge and drive of today and tomorrow—smooth flowing form that fuses strength with grace, combines magnificent performance qualities with beauty. But the style of the 1938 Lafayette line is only one side of the story. Trim tailoring of exterior appearance is more than matched by modernity of the system beneath. Completely co-ordinated, simple to operate, highly flexible in use, tremendous power, superb tone—these qualities only begin to tell the story that is so well known to Lafayette users.

BETTER BUSINESS



BETTER SOUND!

NEVER before has the Lafayette name, representing as it does one of the oldest, most complete lines in the field, meant more than it does today. Never will it mean more on the books of your business than now! Why not find out about these 1938 Lafayette Public Address units? We maintain up-to-the-minute sound auditoriums in each of our branches, where you can hear these units speak for themselves. Our alert sound engineers will be happy to discuss any sound problem you may have. This year millions will listen to Lafayette Public Address Systems perform and because Lafayette systems are now offered at the lowest prices in our history, there's a large share of that business waiting for YOU.

LAFAYETTE CO-ORDINATED SOUND SYSTEMS

Wide-Range Amplifier

This New Lafayette "Miracle" amplifier represents the ideal small unit according to the thousands of users whose specifications and needs have guided our engineers in their design. A genuine "all-purpose" amplifier; it has so many different applications in the fields of entertainment, ballyhoo, demonstration, call and paging systems and industry that this "little" amplifier is a veritable "giant" in P. A. systems.

Mixer-Fader Control

By means of the built-in mixer-fader control; fading from one low gain channel to the other in addition to mixing either of the two with the high gain channel is possible.

Four Octal Base Tubes

Three all-metal tubes including 2-6J7's and 1-6N6 in addition to a glass-type 5V4G rectifier comprise the electronic components of this fine amplifier.

Five to Eight Watts

Conservatively rated at 5 watts users consistently get 8 watts of output because of the ultra-modern design of the circuit, making it ideal for the small orchestra, etc.

Variable Tone Control

A continuously variable tone control enables the operator to compensate for acoustic differences and adjust tone to please all tastes. This feature makes this powerful unit flexible enough to assure excellent reproduction. Uses any type of microphone or phonograph pick-up. Photo-cell connections. Finished in new exclusive two-tone grey.



5 TO 8 WATT SOUND SYSTEM

- Uses Any Modern Type Mike
- Continuously Variable Tone Control
- Hi-Fidelity Phono Reproduction
- Photo-Cell Input Connection
- Mixes High & Low Gain Channels
- Wide Range Frequency Response
- Maximum Gain 124 decibels
- Attractive "Streamline" Design

An Amplifier With Unlimited Applications

Because of its compactness and unusually fine reproduction and power the applications to which it can be successfully put are virtually unlimited. Daily it is being used in window demonstrations, auction rooms, schools and churches, call systems, night clubs, restaurants, offices and factories, stations and many others too numerous to mention. If your amplifier problem can be solved by a small, powerful, modern, economical unit this is the amplifier you want.

Model 249-A—Lafayette 5 to 8 watt amplifier less tubes and decorative steel cover. Overall size: 12"x6 3/4"x7 1/4" high. For 110 volts 50/60 cycles a.c. Code ABELA. Shpg. wt. 14 lbs. List Price \$27.90.

YOUR COST.....
For 220 volt, 60 cycle, add \$1.95—25 cycle add \$4.50.

Model 249-T—Same as above, but complete with kit of matched tubes.
YOUR COST.....**\$17.20**
Model 249-DF—Decorative steel cover only as illustrated on amplifier. Shipping weight 6 lbs. YOUR COST.....\$1.75

Finest Small System Ever Offered

Although the Lafayette 5 to 8 watt "Co-ordinated" Sound System is the smallest and lowest-priced in the Lafayette line the same exacting care that goes into assembling our largest system has been exercised in selecting the components for this system.

Lafayette Velocity Microphone

A high fidelity Lafayette velocity microphone of the same high quality used in the larger systems is supplied. 12 feet of speaker cable is included. A Shure crystal mike may be selected in place of the velocity mike at slight additional cost.

System Model 811-P—Lafayette 5 to 8 watt Sound System with model 249-T amplifier, 249-DF decorative steel cover, Lafayette 8" dynamic speaker with 25 ft. cable, Lafayette velocity mike, 12 ft. mike cable, K13547 floor stand, all tubes. Code SHELL. Shpg. wt. mike 45 lbs.
YOUR COST.....**\$37.50**

System Model 812-P—Same system as above, but with Shure 701-A crystal mike and 25 feet of cable. Code SHRIK. Shpg. wt. 44 lbs. YOUR COST.....\$41.00

\$13.95



15 TO 20 WATT SOUND SYSTEM

Sensationally
NEW AND BETTER!

- **New "Streamline" design.**
- **Versatility — Low Cost.**

Of all our line of amplifiers the 15 watt system has always proved the most popular. Not too large for the small installation nor too small for the large job this new 1938 Lafayette model 101-A Amplifier tops anything we have ever done in this type.

Advanced Modern Features

With all-metal tubes, mixing and fading facilities, tone control, speaker field current supply, variable output impedances, three input channels, shielded plug-in input connections, plug-in output connections, decorative steel cover and innumerable other ultra-modern features you will find this by far the best amplifier in its class.

Outstanding P.A. Value

It is now possible to purchase this outstanding value at new low prices and, if you desire, on easy time payments. We invite you to compare this amplifier with any in its class.



High Fidelity Medium Power System

Technical Characteristics

Peak Output—20 watts
Hum level below 30 watts.....-45 db.
16 watts field supply for several speaker fields.
3 inputs. Uses any type mike, pick-up, photo-cell, etc.
Maximum gain on microphone.....140 db
Maximum gain on phono-pickup.....95 db.

Studio-Type Electronic Mixer

A built-in electronic mixer insures flawless control of any combination of inputs making an exceedingly fine degree of variation possible.

16 Watts of Field Excitation

16 watts of field supply for several speakers totaling 10,000 ohms resistance is supplied by the amplifier. Sufficiently powerful to cover crowds of 1,000.

Continuously Variable Tone Control

To compensate for acoustical differences and to take advantage of various musical combinations a sensitive tone control is built into the circuit.

Three Input Channels

One high-gain and two low-gain channels are provided. Tubes used: 1-6J7, 1-6CS, 1-6N7, 2-6N6 and 1-5V4G rect. Decorative cover finished in platinum grey with red and chrome trimmings; separate handles for chassis and cover; chassis is slate grey.

Model 101-A—Lafayette 15 watt Amplifier only, less tubes and decorative steel cover. Dimensions: 6 $\frac{3}{4}$ "x17"x8 $\frac{3}{4}$ " high. For 110 volt 50/60 cycles a.c. Code ABODE. Shpg. wt. 30 lbs. List Price \$43.50.

\$21⁷⁵

Model 101-T—Same as above but with complete set of matched tubes. YOUR COST.....\$26.75

Model 101-DF—Decorative steel cover only, for amplifier as shown in illustration. Shpg. wt. 6 lbs. YOUR COST.....\$1.95

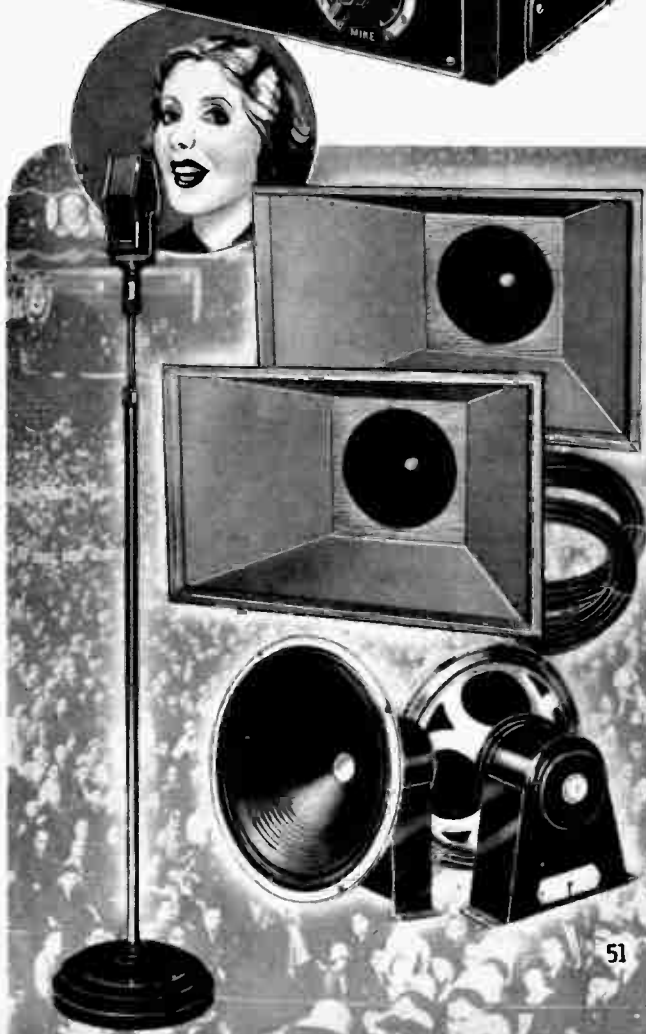
Complete "Co-ordinated" Sound System

The new 843-P 15 watt system is ideal for the majority of permanent installation designed to cover approximately 1,000-1,500 persons, as in dance halls, auditoriums, night clubs, etc.

Model 843-P — 15 watt Lafayette "Co-ordinated" Sound System, including 101-T Amplifier, 101-DF steel cover, Lafayette velocity mike (K13627), and floor stand (K13647), 2 12" speakers (K19238), 2 flare baffles (K19838), all tubes, 50 ft. speaker cable. Shpg. wt. 140 lbs. Code SHRIP. YOUR COST.....

\$66⁵⁰

System Model 844-P—Same as model 843-P, but with Shure 701-A Crystal mike, instead of velocity mike. Shpg. wt. 135 lbs. Code SHPLE. YOUR COST.....\$69.25



20 TO 30 WATT



De Luxe SOUND SYSTEM

An Amplifier With Tomorrow's Features—TODAY!

Lafayette offers this sensational NEW amplifier embodying all the time-tried features plus Lafayette engineers advanced design.

Illuminated "Neo-Dials"

A Lafayette development, these "Neo-Dials" greatly facilitate manipulation of the control dials when the amplifier is used in dark corners, as in night clubs or restaurants. A soft neon-like glow permits easy reading and adds greatly to its appearance.

Automatic Equalization

Automatic equalization of frequency response controls the gain of the amplifier so that amplification of various frequencies is compensated for according to their strength. Aids tone quality.

"Reverse Feedback" Circuit

The Lafayette engineered "reverse feedback" circuit permits unusually high outputs with a minimum of distortion. Crystal clear reproduction assured.

24 Watts Field Supply

Field excitation current of 24 watts is supplied for use between two speakers with 2,500 ohm fields, or for a single speaker with 5,000 ohm field resistance.

Four Input Channels

Four input channels, two high gain and two low gain, are provided. Crystal, velocity or velo-static type microphones use the high gain channels. The low gain channels are for use with phonograph pick-ups, and similar sound sources. Mixing and fading of any two inputs is afforded by a built-in electronic mixer. Provisions for photo cell operation.

Modern Streamlined Appearance

No less advanced than the circuit itself is the streamlined style of the case. Finished in platinum gray the steel cover has contrasting red and chrome plastic handle, chrome finish name plate and ample louvre vents. Slate gray chassis and panel.

"Beam Power" Output Tubes

Advantage is taken of the distortionless high output made possible by the new "beam-power" tubes. Two of these are used in the 5-stage circuit consisting of 2-6J7's, 2-6N7's, 2-6L6's and a 5V4 rectifier.

Fader-Mixer and Tone Controls

By means of the fader-mixer controls it is possible to mix to any desired degree the inputs of high and low gain sound sources to achieve special effects, make cut-in announcements, etc. Tone control permits adjustments for various acoustical conditions.

Technical Characteristics

Peak Output.....30 watts Rated Output.....20 watts
Hum level below 20 watts.....-52 db
24 watts field supply for several speaker fields,
4 inputs for mike, phono-pickup, photocell, etc.
Maximum gain on mike.....138 db
Maximum gain on phono-pickup.....89 db

Model 134-A - Lafayette 20-30 watt Amplifier less tubes and decorative steel cover. Dimensions: 6 $\frac{3}{4}$ "x17"x8 $\frac{3}{4}$ " high. For 110 volts 50/60 cycles a.c. With all plugs. Shpg. wt. 30 lbs. Code ABBOT. List Price \$59.90.
YOUR COST

\$29⁹⁵

Model 134-T—Same as above but with complete set of tubes.
Shpg. wt. 30 lbs.
YOUR COST

\$36.95

Model 134-DF—Steel decorative cover only for amplifier.
YOUR COST.....\$1.95
For 220 V. add \$3.00. 60 cycles; \$9.25. 25 cycles.

Complete Co-ordinated System

The new Lafayette model 822-P "Co-ordinated" Sound System comprises a complete de luxe 20 watt system for average use in most sound installations. It is a truly modern system designed for theatres, dance halls, auditoriums, etc., where high-fidelity and ample volume are required.

Two 12-Inch Concert Speakers

Two large Lafayette heavy-duty concert speakers supply high quality reproduction with ample coverage for moderate sized assemblages. Flare baffles add greatly to sound dispersion and quality.

High Fidelity Velocity Mike

A new, improved Lafayette velocity mike with high performance characteristics is furnished with the complete sound system which also includes the amplifier described at left, two dynamic speakers, flare baffles, mike floor stand, tubes, all plugs, cables and full instructions.

Model 822-P—Lafayette 20 watt Sound System as described above, including model 134-T amplifier and 134-DF protective cover, two Lafayette concert speakers (K19237), two flare baffles (K19838), one Lafayette velocity microphone (K13627), two 50 ft. speaker cables, 12 ft. of mike cable, one de luxe floor stand (K13528) and a complete kit of tubes. For 110 volts 50/60 cycles a.c. Shpg. wt. 135 lbs. Code SHALE.
YOUR COST

\$79⁵⁰

Lafayette CO-ORDINATED

The Outstanding Amplifier for 1938

- ★ High Power—Low Cost
- ★ Four Input Channels
- ★ Individual "Bass-Treble" Controls
- ★ Illuminated "Neo-Dials"
- ★ Beam Power Tubes
- ★ Reverse Feedback
- ★ Speaker Field Supply
- ★ Mixer-Fader Controls
- ★ Automatic Equalizer
- ★ Attractively Streamlined



30 TO 40 WATT

THIS NEW Lafayette amplifier really does have everything. Many new developments in sound engineering plus new, exclusive Lafayette features are incorporated in this one unit which is well qualified for any P.A. work demanding moderately high power. Supplies ample volume to cover gatherings and assemblages numbering 3,000. Delivers 30 to 40 watts of undistorted audio output. Individual bass and treble controls permit compensating for variations at the sound source. Has four input channels for any type of microphone, phonograph pick-up, photo-cell, etc. Shielded input plugs and rubber cap output plugs furnished with amplifier.

Technical Characteristics

Peak, 40 watts. Rated, 30 watts.
 Hum level below 30 watts..... 55 db
 36 watt field supply for FOUR speakers maximum.
 4 input channels. Uses any type of mike, phono-pickup, photocell, etc.
 Maximum gain on mike..... 130 db
 Maximum gain on phono..... 88 db
 Low and High frequency controls.



CO-ORDINATED SOUND SYSTEM

1938 Streamlined Design

Matching the advanced circuit design is the amplifier's streamlined style. Handsome platinum gray finished steel cover is set off by attractive louvre vents, red and chrome plastic handle and chrome finish name plate. Slate gray finished chassis and control panel.

Illuminated "Neo-Dials"

An exclusive Lafayette feature; these glow-lighted dials facilitate adjustment of controls when unit is used where operation in darkness is occasionally required.

Four Input Channels

Four input channels are provided on the model 267-A amplifier. Two are for high gain sound sources such as crystal, velocity, velotron or velo-static mikes. Two low-gain channels accommodate phonograph pick-ups, etc. The electronic mixer permits mixing or blending. A single fader serves as a control for each high gain and low gain channel.

36 Watts Field Supply

This amplifier will supply 36 watts to a maximum of 4 speaker fields with total resistance of 5000 ohms.

Beam Power Tubes

Eight tubes are employed with final output consisting of two 6L6's in reverse feed back circuit. Other tubes are: 3-6J7's, 2-6N7's and an 83 rectifier.

Model 267-A—Lafayette 30-watt amplifier less tubes and steel decorative cover. For 110 volts, 50/60 cycles a.c. Size: 9x17 $\frac{1}{2}$ x8 $\frac{3}{4}$ " high. Shpg. wt. 50 lbs. Code ABRON. List \$79.00.
YOUR COST..... \$39⁵⁰

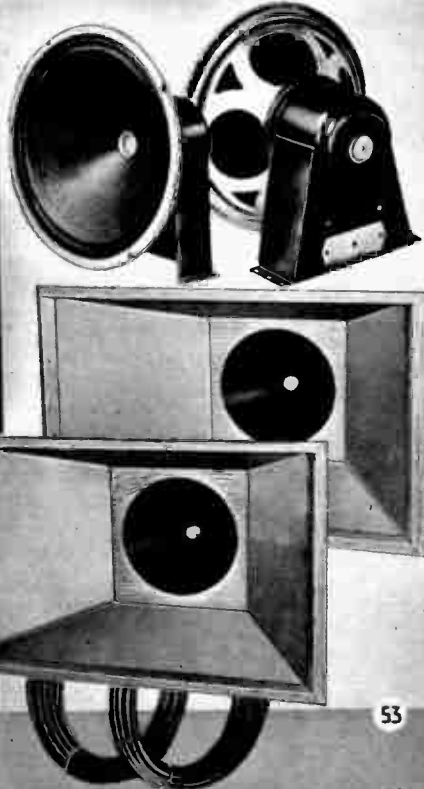
Model 267-T—Same as above, but complete with set of tubes. Shpg. wt. 53 lbs.

YOUR COST..... \$46.35
 Model 267-DF—Steel decorative cover only for above amplifier..... \$2.25
 For 220 V. add \$4.00, 60 cycles; \$10.95, 25 cycles.

Complete Co-ordinated System

The complete "Co-ordinated" 30 watt System includes everything needed for coverage in moderately large auditoriums, dance halls, etc.
 Model 826-P—Lafayette 30 Watt "Co-ordinated" Sound System complete with one Lafayette 267-T amplifier and 267-DF decorative cover, two 12" concert-type speakers (K19237), two-flare baffles (K19838), one Lafayette velocity microphone (K13627), 12 ft. of cable, one de luxe floor stand (K13528), two 50 ft. speaker cables, all plugs, etc., and tubes. Shpg. wt. 110 lbs. Code SHENI. List \$179.50.
YOUR COST..... \$89⁹⁵

NEW FEATURES





60 TO 90 WATT SOUND SYSTEM

LESS TUBES AND
DECORATIVE
COVER

\$58⁵⁰

For Schools • Institutions • Colleges • Auditoriums • Theatres • Factories

The Amplifier Supreme

This powerful new Lafayette 60 to 90 watt amplifier and sound system will amply serve practically all the larger installations. Despite its tremendous power it is extremely compact in size and is unusually simple and economical to operate. Encased in an ultra-modern streamlined case that is fully in keeping with its advanced features this amplifier incorporates every known device of modern sound engineering besides many exclusive Lafayette improvements.

Variable AVC and AVE

Two outstanding features of this new amplifier are automatic control of both volume control and volume expansion. AVC is extremely valuable where microphone level varies—minimizes acoustic feedback—keep output level nearly constant when speaker walks away from mike. AVE compensates for compression of sound in recordings and assures faithful reproduction to the highest degree.

Cathode "Eye" Indicator

A cathode ray "eye" output indicator is a great help in adjusting volume controls to achieve the most desirable results. Acts as a constant check on the output. Separate control for adjusting desired output level for maximum deflection.

Reverse Feedback

Reverse feedback is one of the many improvements in sound equipment which Lafayette engineers have advanced. Designed to make possible very high outputs with a minimum of distortion this makes for finer reproduction.

Tubes used in the 5-stage circuit are: 3-617's, 1-6L7, 1-6G5, 1-6F6, 1-6HG, 1-6N7, 4-6L6's and 2-83 rectifiers.

Four Input Channels

Mixing and fading facilities include two high gain input channels for use with any type mike and two low gain inputs for phono-pickups and similar sound sources.

Illuminated "Neo-Dials"

Control dials are the exclusive new "Neo-Dial" type which provides a soft, neon-glow illumination permitting operation of the amplifier in the dark.

Variable Tone Control

Separate tone control permits adjusting of frequency response for different acoustical conditions.

Technical Characteristics

Peak... 90 Watts Rated... 60 Watts
Hum level below 60 watts... .650 db
40 Watt field supply for 4 speakers, 4-Inputs for any type mike, pick-up... 124 db
Max. usable gain on mike... .83 db
Max. usable gain on pick-up... .83 db
Model 292-A - Lafayette 6-Watt Amplifier less decorative steel cover and tubes. Size: 11 $\frac{1}{4}$ "x18"x8 $\frac{3}{4}$ ". For 110 volts, 50/60 cycles a.c. Shpg. wt. 60 lbs. Code ABUIR. List \$119.50.
YOUR COST... **\$58.50**
Model 292-T—Same as above but with set of matched tubes.
YOUR COST... **\$69.25**
Model 292-DF - Decorative steel cover for amplifier. Shpg. wt. 6 lbs.
YOUR COST... **\$2.50**
For 220 volts add \$4.95 60 cycles, \$16.50 25 cycles.

"Co-ordinated" Sound System

Lafayette now offers a complete "Co-ordinated" Sound System incorporating the model 292-T 60 to 90 watt amplifier. The complete system is designed to have each unit complement the high quality of the entire equipment. Everything necessary to set up and operate is included. There are no extras to buy.

Amperite Velocity Microphone

The new Amperite streamlined velocity microphone with hand-hammered ribbon, excellent for outdoor use, provides 8 db higher output than other units.

4 Concert Type Speakers

Four 12 inch Lafayette heavy-duty concert type speakers provide all the volume and quality desired for larger installations.

Hi-Fidelity Reproduction

True high fidelity is assured because of the distortionless wide-range amplifying quality provided by automatic volume expansion, reverse feedback, etc.

Model 841-P - Lafayette 60 watt "Co-ordinated" Sound system complete with model 292-T amplifier, and 292-DF decorative cover, 4 concert speakers (K19237), 4 baffles (K19838), 1 Amperite velocity mike (K13565), A de luxe floor stand (K13528), 12 ft. mike cable, 200 ft. speaker cable, all tubes, complete instructions. For 110 volts a.c. 50/60 cycles. Code SHABO. List Price \$299.80.
YOUR COST... **\$149.90**

Lafayette Single Speed Portable Electric Record Player



- Self-Starting Motor
- Built-in Volume Control and Switch
- Crystal Pick-Up

This efficient record player uses a powerful single speed (78 r.p.m.) motor, self-starting type. Pick-up is a Piezo crystal unit, high impedance. (Plays both 10" and 12" records.) Turntable is 8" in diameter. Built-in volume control and a.c. line switch; smooth variation of volume provided. The entire unit is housed in an attractive "airplane" luggage case of gray, with contrasting stripes. All hardware heavily plated. A sturdy leather carrying handle is provided. Overall dimensions: 13" wide, 11 1/4" deep and 6" high (closed). Complete with line cord and plug and pick-up connector cable. Shpg. wt. 14 lbs. K22015—List Price \$35.90. YOUR COST

\$18.50

Same as above, but with magnetic pick-up. List Price \$31.90.

K22014—**\$16.50**
YOUR COST

Lafayette 2-SPEED RECORD PLAYER



78 & 33-1/3 R.P.M.
With
Crystal Pick-Up

Housed in sturdy Fabricoid covered carrying case 17 1/4 x 13 1/2 x 8" with plated brass hardware. Mounts a 12" turntable on a two-speed motor (for both 78 and 33-1/3 r.p.m. recordings). Employs Piezo crystal (high impedance) pick-up and is provided with built-in volume control, operated from a knob on the panel. Excellent frequency response. For 110 volts.

\$26.95

50/60 cycles a.c. With cord and plug. Shpg. wt. 25 lbs. K22013—List \$47.90. YOUR COST

Same as above, but with 6-volt d.c. motor.

K21057—List \$59.90. YOUR COST **\$29.95**

Lafayette TRANSCRIPTION RECORD PLAYER

TWO-SPEED



The only portable record player on the market designed for 16" records. Constructed using finest equipment and embodying the latest type components. Housed in an attractive airplane luggage case with contrasting center stripes. Top of case contains record compartment for carrying 16" records. All hardware fully plated; two snap locks, keys furnished.

Powerful Motor With 16" Turntable

A special transcription motor with a 16" felt padded turntable is used. Motor is governor controlled, constant speed type.

New "Tru-Tan" Crystal Pick-Up

The pick-up is the latest type "Tru-Tan" crystal unit with a 12" arm. High impedance, no transformer required. A smooth acting control on the panel governs volume; operated by pointer knob. Case dimensions: 23" wide, 17 1/4" deep, 6" high (closed). For 110/120 volts, 60 cycles a.c. With cord and plug and pick-up cable. Wt. 30 lbs.

\$57.25

K22009—YOUR COST

As above, but with Astatic 12" crystal pickup.

\$48.25

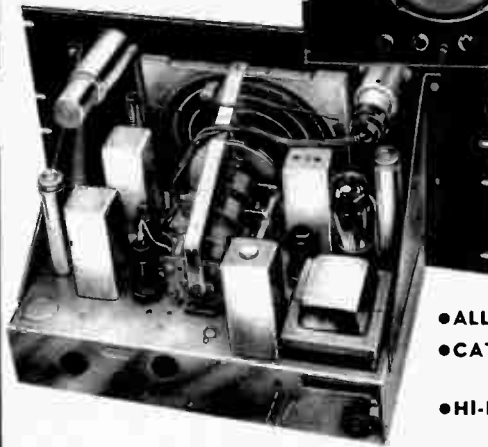
K22008—YOUR COST

Special transcription motor and 16" turntable only. For 110/120 volts 60 cycles a.c. Shpg. wt. 18 lbs.

\$21.95

K22010—YOUR COST

Lafayette SUPERHET TUNER



\$49.95

WITH
TUBES

- ALL-WAVE
- CATHODE RAY "EYE"
- HI-FIDELITY

This new high quality P.A. tuner employs an ultra-sensitive superhet circuit using eight high gain tubes, including 1-6K7 i.f. amp., 1-6J7 first detector, 1-6C5 oscillator, 1-6H6 second detector and a.v.c. diode, 16F5 audio amp., 1-6C5 output amp., 1-5Y3 full-wave rectifier and 1-6G5 tuning "eye". Power supply built-in.

COVERS FROM 13.7 TO 568 METERS: Three overlapping bands cover all frequencies from 13.7 to 568 meters as follows: from 13.7 to 47.7 meters; from 47.3 to 200 meters; from 190 to 568 meters. High fidelity reception provided by a band widening switch in the i.f. circuits.

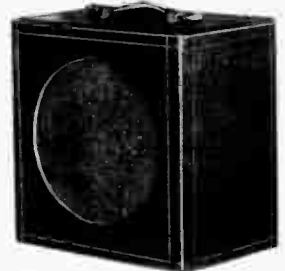
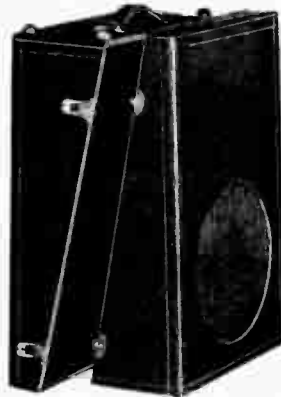
OTHER FEATURES: manual volume control; "Beam-Spot" tuning dial; tone expander; compensated audio system; phono socket; thermo-static "drift-proof" condensers in oscillator and i.f. circuits. Output impedances 500 and 50,000 ohms.

Model 1022-TP—Lafayette All-Wave Superhet Tuner with panel for standard 19" rack mounting. Complete with tubes. For 95/130 volts, 50/60 cycles a.c. Size: 10 x 10 1/2 x 19". Code PABLA. Shpg. wt. 28 lbs. List Price \$99.90.

\$49.95

Model 1023-TP—As above, but chassis only, less panel. For cabinet mounting. With tubes. Wt. 24 lbs. Code PENNA. List \$95.00. YOUR COST **\$47.50**

Lafayette SINGLE AND DUAL SPEAKER CARRYING CASES



Make Up Your Own Demonstrators and Portable Systems

Single Speaker Carrying Case

Illustrated at the right. Designed to house a single speaker having a diameter up to 12". Case is of sturdy wood, covered by a black leatherette, 10" opening is covered by a grill cloth and protected by a wire mesh grill. Heavy leather carrying handle. Metal bumpers on bottom prevent marring of furniture. Insert type door on back. Nickel plated metal fittings. Size: 14" wide, 14 1/4" high, 9 1/4" deep. Shpg. wt. 13 lbs. List Price \$7.50.

\$3.45

K22061—YOUR COST

Dual Speaker Carrying Case

Illustrated above at left. Carries two speakers in split type case (as shown), 10" speaker openings protected by wire mesh screen over the dull gold grill cloths. Takes speakers up to 12" in diameter. Sturdy wood frame covered by black leatherette. Heavy leather carrying handle. Bumpers on top and bottom. Four nickel plated snap locks. Size (closed): 9" deep, 14 1/4" wide, 22 1/4" high. Shpg. wt. 13 lbs. List Price \$12.50.

\$4.95

K22062—YOUR COST

Lafayette

20-Watt Universal Portable System Self-Contained—No Power Packs!

Lafayette engineers have done it again! A portable system for both 6-volt battery and 110-volt a.c. operation without troublesome plug-in power packs. A complete system at the price of an incomplete one. You don't have to buy any additional power equipment for the New Lafayette model 321-P because it is complete for operation on both types of power supply in its original form—and does more things and does them better than any other similar unit.

Quickest Changeover Ever Developed

An outstanding feature of the new Lafayette model 321-P is the speed and simplicity with which the system can be disconnected from the car and reconnected to the 110 volt 60 cycle a.c. power line. A simple cable consisting of a plug and two heavy rubber covered leads is furnished for permanent connection to the storage battery in the car. Another cable with an ordinary house type plug is provided for connection to the a.c. outlet. Changeover from the car to indoor operation merely consists of pulling out the battery cable plug instead—a matter of five seconds time. The changeover operation is complete—both amplifier and phonomotor are instantly converted for either type of current operation.

The tremendous advantage of this feature is obvious to the sound dealer and technician. It is invaluable in political rallies where speeches are made outdoors from a car or truck and then the crowd brought indoors for a continuation of the rally. Still another use is the special sale announcing truck which is customarily rented from the P.A. agency for a short period of time. All in all, it is a sure-fire money-maker.



FROM CAR TO AUDITORIUM BATTERY OR HOUSE CURRENT OPERATION

High Fidelity—20 Watts Output

The amplifier included in the Lafayette model 321-P employs 9 tubes in a newly developed circuit that is exclusive with Lafayette. The rated output of the amplifier is 20 watts with a peak rating of 30 watts. Harmonic content at the rated output is only 4%. The hum level is 58 db below the rated output of 20 watts. Overall gain is 118.4 db at an input impedance of 150,000 ohms or 133.6 db at 5 megohms. Input impedance for the microphone is of the high impedance type suitable for use with any standard high impedance type microphone. Output impedances available are .35-6-1.35-2-4-6-8-15-50-250 and 500 ohms.

Plug-In Type Connections

A jack is provided for the connection of a microphone the sound of which can be mixed, by means of the built-in electronic mixer, with the sound from the record player to any desired degree. The record player is equipped with a crystal pickup, volume control and speed regulator. A tone control is also provided for varying the high frequency response to suit individual preferences and to compensate for poor room acoustics. Two receptacles are provided for the connection of loud speakers which should preferably be of the permanent magnet dynamic type in order to conserve battery current and to eliminate the need for field exciters when used on a.c.

The external case is of metal beautifully finished in bluish-grey wrinkle lacquer with a contrasting stripe of polished chromium. Rounded corners and correct proportions make for ease in carrying the system from one location to another and prevent damaging the upholstery of the car. Overall dimensions are 14 1/4 inches deep, 19 inches wide, 10 inches high. The case is equipped with a comfortable leather carrying handle at one end. All hardware finished in nickel. Space is provided in the cover for carrying records.

Model 321-P—Lafayette 20 watt Universal Portable System for operation on both 6 volts d.c. and 110 volts 50/60 cycles a.c. Shpg. wt. 80 lbs. Code SCLET.

YOUR COST **\$89.50**
Model 321-T—Same as above, but complete with 1-57, 1-6CS, 1-6N7, 1-6E6, 4-79's, 1-83, tubes. Shpg. wt. 84 lbs. Code SEROB. YOUR COST \$96.40

A Complete System

Two very popular complete systems are available including the Lafayette model 321-P amplifier. These systems are ideal for rental purposes. The power output of 20 watts is sufficient for most jobs and in addition they can be used for both fixed and mobile installations without packs. System Model 874-P consists of the model 321-T amplifier and tubes, two Lafayette 12" permanent magnet dynamic speakers with 25-foot cables, a D-104-H hand type crystal microphone, both 6 v. and 110 v. a.c. operation. Shpg. wt. 125 lbs. Code SHGOG.

YOUR COST **\$128.50**

System Model 878-P is the same as the above system but includes two aluminum dome baffles and two mounting fixtures for mounting the speakers. System illustrated above. Complete with tubes ready to operate from both 6 volts d.c. and 110 volts 50/60 cycles a.c. Shpg. wt. 140 lbs. Code SHMIS.

YOUR COST **\$143.60**

PORTABLE AMPLIFIER

\$89.50

COMPLETE FOR BOTH
6V. AND 110V. OPERATION!

Just imagine! At this price you get the equivalent of two separate amplifiers—plus the flexibility and increased profits that an amplifier of this type permits. Every radio and P.A. establishment should own one of these remarkable dual-purpose amplifiers. Order yours now.

CONVERTIBLE SOUND SYSTEMS

OPERATE FROM BATTERY OR HOUSE CURRENT



20-30 Watt System

6 Volts D.C. and 110 Volts A.C.

Lafayette offers the buy of a lifetime in convertible sound systems. Packed with features that pack a terrific punch at this price. Just compare them with any convertible job: powerful 5-stage circuit using 2-75's, 1-6A6, 1-76, 1-6E6 and 4-79's gives exceptionally high gain; two high-gain, two low-gain channels; built-in two position electronic mixer furnishing stage of pre-amplification on each high-gain channel; uses any type mike, phono-pick-up or other sound source; two dual-input fader controls to mix one high gain with one low gain channel; silent gene-motor; variable tone control; both master and "stand-by" switches; output impedances tapped from .35 to 500 ohms; 2 db response from 50 to 10,000 cycles; maximum gain 130 db; crystal mike and cable; two powerful P-M speakers requiring no external field excitation; aluminum dome baffles; peak output 30 watts, rated 20 watts; current drain 18 amps. at 6 volts. What more could you ask?

This is NOT just an adaptation of an a.c. amplifier for sound truck use but has been expressly designed for 6-volt operation. It is ideal for all ballyhoo, political meetings and the like. It is easy to install and operate, and is priced low.

Bargain Prices on a Real 20-30 Watt Convertible

Model 280-A - Lafayette 6 volt d.c. 110 volt a.c. Convertible Amplifier less tubes and metal screen. Dimensions: 9 1/2" x 17 1/2" x 9 1/2" high. Shpg. wt. 37 lbs. Code ABYIS. **\$39.50**
List Price \$79.00.
YOUR COST

Model 280-T - Same as above, but with complete set of matched tubes.
YOUR COST

Model 280-DF - Protective metal screen cover only, for above amplifier. Heavy gauge steel, ornamental chrome band. Has louvers to provide ample ventilation. Shpg. wt. 6 lbs.
YOUR COST

Model 1061-TP - A.C. power pack for operating model 280-A amplifier on 110 volts 50-60 cycles a.c. With protective steel screen cover. List price \$25.00. Size: 4 1/2" x 6" x 12" long. Shpg. wt. 27 lbs. With tube. Code PLAIR.
YOUR COST

System No. 834-P - Consists of Lafayette model 280-T amplifier complete with tubes, 280-DF metal screen, and two Lafayette 12" P-M speakers in aluminum dome baffles. With 50' cable each. A D-104-H Hand Crystal Mike. Shpg. wt. 140 lbs. Code SHANT.
YOUR COST

30-40 Watt System

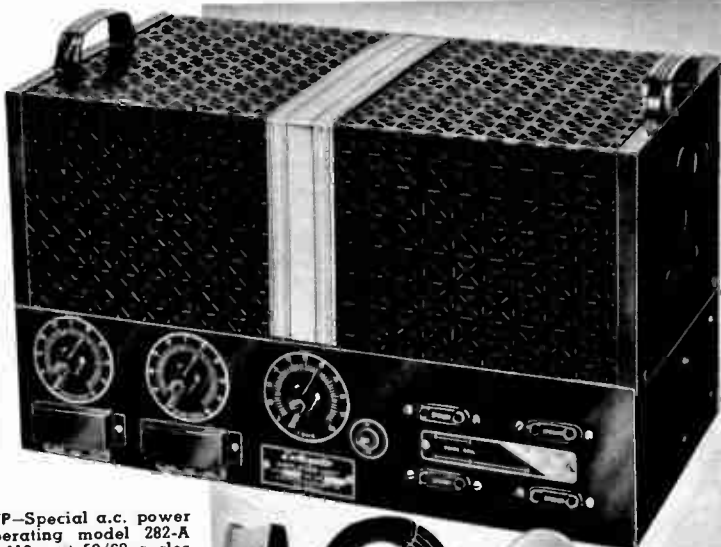
6 Volts D.C. and 110 Volts A.C.

Heavy Duty Model

This Lafayette model 282-A amplifier is the ultimate in six-volt equipment. With an output of 30-40 watts it represents the maximum obtainable in 6-volt jobs. Like the model above it is now being offered at a tremendously low price and can not be beaten for value in its class.

5-Stage High-Gain Circuit

Uses 11 tubes in a powerful 5-stage high-gain circuit giving a rated output of 30 watts, peak of 40 watts. Tubes used include: 2-6C6's, 4-76's, 1-6E6 and 4-79's. Has an overall gain of 130 db; four input channels, two high-gain for any type microphone input and two low-gain channels for phonograph pick-up, etc. An electronic mixer permits mixing two high-gain, two low-gain, or one high-gain and one low-gain channels. Built-in dual input fader control, variable tone control; "stand-by" switch; Mammoth gene-motor are among the innumerable features of the unit. Complete system including all necessary component easily installed listed below.



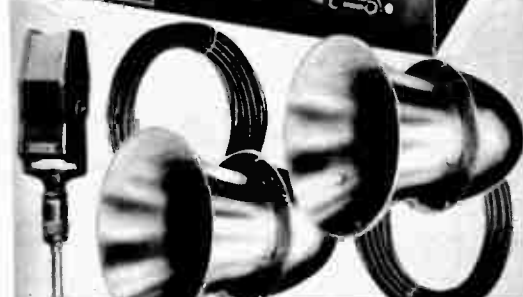
Model 282-A - Lafayette 30-40 watt 6 volt d.c., 110 volt a.c. Convertible Amplifier, less tubes and screen cover. Size: 10 1/2" x 17 1/2" x 10 1/2" high. Shpg. wt. 63 lbs. Code ABNEY. **\$59.50**
YOUR COST

Model 282-T - Same as above, but with complete set of tubes.
YOUR COST

Model 282-DF - Protective metal cover only, for above amplifier. Heavy gauge steel, ornamental chrome band. Greatly enhances appearance of amplifier. Shpg. wt. 7 lbs. YOUR COST

Model 1060-TP - Special a.c. power pack for operating model 282-A Amplifier on 110 volt 50/60 cycles a.c. Size 12" x 7 1/4" x 6". With 83 rectifier tube. Shpg. wt. 24 lbs. YOUR COST

System No. 836-P - Consists of model 282-T amplifier complete with tubes, and metal screen, 2 Lafayette 12" P-M speakers in aluminum dome baffles, 2-50 ft. cables, Lafayette velocity mike (K13627) with Deluxe floor stand. Shpg. wt. 125 lbs. Code SCHULE. YOUR COST



FOR EASY TIME PAYMENT PLAN SEE PAGES 89 - 92

1938 Lafayette PORTABLE



15 WATT SYSTEM IN COMPACT CASE

Still outselling competitive makes by a wide margin this new model of our most popular size case than ever before promises to reach a new high in popularity. Wide-awake firms, alert to every device to aid their salesmen and demonstrators are buying ever-increasing quantities of this popular unit. Superior in performance to anything offered at anywhere near its price. This system's excellence of design and construction combined with ruggedness and ability to deliver day after day make them an outstanding value in the portable P.A. field.

Lafayette engineers have been busy adding still more outstanding features to this unit. Among them is a new variable tone control which adjusts high frequency response to compensate for acoustical differences; three input channels are provided to accommodate any type of microphone or phonograph pick-up device. Fader control permits instantaneous fading from one low-gain channel to the other; mixer-gain permits mixing mike channel with either of two low gain channels. For complete description of Amplifier features please see page 51.

New 11 Inch Speakers

An additional feature of this new model has been the inclusion of powerful 11 inch dynamic speakers. This sparkling reproducer will give life-like fidelity to both voice and music and adds tremendously to the unit's value when used with recordings.

Amplifier Unit Mounts Anywhere

The amplifying unit slides in and out of its carrying case easily and may be mounted for control anywhere to the limit of its connecting cable. Tubes used include: 1-6J7, 1-6C5, 1-6N7, 2-6N6's and 5V4 rectifier. Maximum usable gain on mike 140 db on high-gain channels, 95 db on low-gain input. For greater sound coverage first speaker is hooked up to amplifier and second speaker is connected to first adding length without diminution of audio output. Each speaker has 25' cable.

Long-Wear Airplane Luggage Case

Housed in an attractive airplane luggage carrying case which will stand plenty of rough usage. Finish is light tan Fabrikoid with dark brown striping. Overall size: 18 1/2" by 18 1/4" by 9" deep. Net weight 38 lbs. Lafayette Model 358-P-15 watt Portable System less tubes and microphone. Shpg. wt. 48 lbs. Code SHFRA. List Price \$85.00.

YOUR COST **\$42.50**

Model 819-P-Same as above, but complete with tubes, a Lafayette velocity mike (K13627), floor stand (K13647), ready to operate. Shpg. wt. 75 lbs. Code SHAMS.

YOUR COST **\$62.95**

Lafayette K-22063-Lafayette 15 watt "Slip-In" Carrying Case only. Shpg. wt. 16 lbs.

YOUR COST **\$7.75**



5 WATT SYSTEM IN STURDY AIRPLANE CASE

For those requiring a small compact portable for window demonstrations, entertainment or lecturing to small groups this fine new Lafayette 5 to 8 watt portable system in compact "slip-in" case will admirably serve its purpose. Incorporating the Lafayette model 249-A amplifier described on page 50 it includes a powerful, rich-toned dynamic speaker mounted permanently to the case which acts as baffle for the speaker. 25 feet of rubber covered cable is included.

Standard Amplifier Removable From Case

Clever design permits the standard model 249-A amplifier to slip into the carrying case. This unit can be removed easily and placed conveniently for operation. The speaker may be hung in the most advantageous position for sound dispersion. Tubes included are: 2-6J7's, 1-6N6 and 5V4-G rectifier. Maximum gain 124 db. on mike. Will use any type mike or phono-pickup.

Mike and Stand Fit Into Case

Measuring only 9 1/4" deep by 13 1/2" high and 13" wide this compact unit includes microphone and stand within the case for greater convenience and portability. Weighing only a total of 28 lbs. it is very easily set up and is ready to operate almost as soon as unpacked. Simplicity itself to adjust and install this little "Miracle" sound system will pay for itself many times over in service and profits. Lafayette Model 344-P-5 to 8 watt Portable System less tubes and microphone. Shpg. wt. 28 lbs. Code SHAVE. List Price \$53.90.

YOUR COST **\$26.95**

Model 817-P-Same as above but complete with tubes, a Lafayette velocity mike, base type desk stand, ready for operation. Shpg. wt. 33 lbs. Code SHICK. List Price \$85.90.

YOUR COST **\$42.95**

Model K-22056-Lafayette 5 watt "Slip-In" Carrying Case only. Shpg. wt. 12 lbs.

YOUR COST **\$5.95**

SYSTEMS WITH "Slip-In" CARRYING CASES

20 WATT SYSTEM SMART AIRPLANE CASE

Very powerful single case portable, this completely new Lafayette 20-watt Portable System comprises the ideal unit where above-average power output must be combined with compactness and light weight. Encased in a sturdy, smart airplane luggage case the unit comprises the standard Model 134-A described on page 52, two powerful 12" auditorium electro-dynamic speakers housed in the carrying case all necessary plugs and cables.

"Neo-Dial" Illuminated Controls

The exclusive Lafayette "Neo-Dial" controls facilitate operating this amplifier in complete darkness, especially when used in orchestra work, etc. Its ability to mix two input channels, variable tone-control, "reverse feedback" and automatic equalization to compensate for acoustical differences, are invaluable aids.

Two 12 Inch Electro-Dynamic Speakers

Two powerful auditorium type electro-dynamic speakers are housed one in each section of the case which serve as baffles. 50 feet of cable is supplied with each speaker. The first speaker plugs directly into the amplifier while the second plugs into the first, thus permitting wider coverage than in the usual portable.

Uses Any Type Mike Or Pick-Up

Engineered to permit the use of any type of microphone or phonograph pick-up device, this unit supplies a rated output of 20 watts, peak of 30, with an overall gain of 138.6 db maximum on high gain and 89 db. maximum gain on low gain channels. Tubes used are: 2-6J7's, 2-6N7's, 2-6L6's and a 5V4. Overall dimensions of the case are 18" wide, 20½" high and 11" deep.

For Audiences Up To 2,000

Because of the ample reserve power of this fine amplifier and the powerful, heavy-duty speakers used assemblages of up to 2,000 can easily be accommodated.

Four Input Channels

Having a total of four input channels permits the use of any two modern mikes together. A built-in mixer allows the mixing of sound from these two sources for various effects.

Lafayette Model 369-P—20 watt Portable System less tubes and microphone. Shpg. wt. 60 lbs. Code SHMAN. List Price \$119.90.

YOUR COST.....

\$59.95

Model 863-P—Same as above but complete with tubes, a Lafayette velocity mike (K13627), floor stand (K13528), Wt. 80 lbs. Code SHLAB. List Price \$116.50.

YOUR COST.....

\$83.25

Model K-22058—Lafayette 20-watt "Slip-In" Carrying Case only. Shpg. wt. 13 lbs.

YOUR COST.....

\$9.45

30 WATT SYSTEM FINEST PORTABLE UNIT

Never before have Lafayette engineers been so successful in combining tremendous sound power with compactness as they have with this new 30 watt Portable Sound System. With an output conservatively rated at 30 watts (adequately covers crowds of 3,000) and a peak rating of 40, the entire unit consisting of microphone, 3-section mike stand, two auditorium speakers, cables and amplifier itself is COMPLETELY CONTAINED IN TWO HIGHLY COMPACT CARRYING CASES.

Individual Bass-Treble Control

Individual bass-treble controls permit adjustment of tone ranges to best suit acoustical and artistic conditions. This system has every desirable feature any sound system of this type should have—power, tone quality, economy of initial cost and operation,—all plus the advantage of portability. Powerful four-stage circuit includes the following tubes, 3-6J7's, 2-6N7, 2-6L6's and an 83 rectifier. Maximum gain on high-gain channels 145 db. low-gain 93 db. For a full description of its many modern features please see page 53.

Auditorium Size Electro-Dynamic Speakers

The taller of the two cases contains the two electro-dynamic 12" speakers. Each section holds one speaker and serves as a baffle. 50 feet of speaker cable is provided for each unit.

Lafayette Model 371-P—30 watt Portable System less tubes and microphone. For 110 volts 50/60 cycles a.c. Shpg. wt. 105 lbs. Code SHAPE. List Price \$155.00.

YOUR COST.....

\$77.50

Model 879-P—Same as above, but complete with Lafayette velocity microphone, 3-section, collapsible floor stand, and tubes all ready to operate. Shpg. wt. 130 lbs. Code SHJAB. List Price \$199.90.

YOUR COST.....

\$99.95

Lafayette Model K-22064—Amplifier case. Inside dimensions 17" by 9¾" by 9¼" deep. Modern black leatherette with nicked hardware. Shpg. wt. 18 lbs.

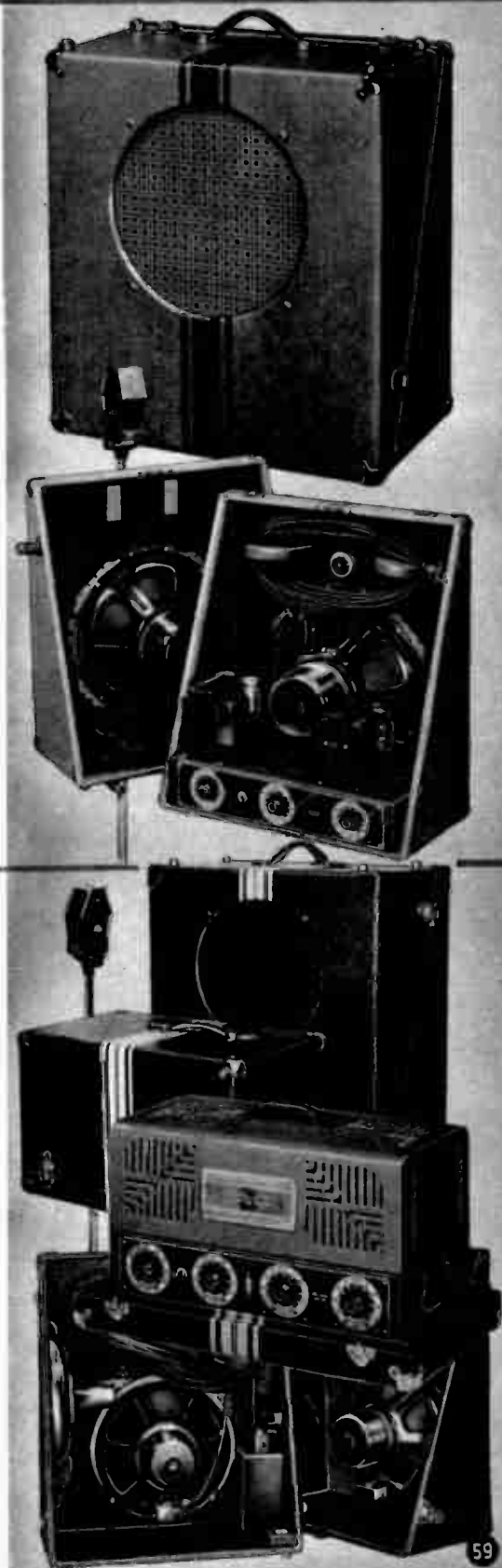
YOUR COST.....

\$6.80

Lafayette Model W22065—Speaker case. Inside dimensions 19" by 22" by 10¾" deep. Modern black leatherette with nicked hardware. Shipping weight 24 lbs.

YOUR COST.....

\$10.50





The Finest
PORTABLE
THAT MONEY
20 Watt
SAME SPEAKERS

De Luxe Medium Power Unit

Incorporating all advanced features this de luxe medium power system fully enclosed in two attractive carrying cases provides the finest unit of its type offered at any price.

Illuminated "Neo-Dials"

Three exclusive Lafayette "Neo-Dials" set off the handsome platinum gray panel and give this amplifier an appearance well matched by its excellent performance qualities.

4 Input Channels

Two low-gain and two high-gain channels are included for use with any type microphone, pick-up or photocell source. Has built-in electronic mixer and variable tone control.

Reverse Feedback Circuit

Permitting high outputs with practically no distortion the reverse feedback circuit is one of the many Lafayette features in this unit.

Automatic Equalization

Amplifier gain is automatically controlled to compensate for various frequencies according to their strength. An unusual feature.

"Beam-Power" Tubes

Two "Beam-Power" tubes are used in the powerful 5-stage circuit. Tubes used: 2-6J7's, 2-6N7's, 2-6L6's and a 5V4 rectifier.

Technical Characteristics

Peak—30 watts Rated—20 watts
 Hum level below 20 watts. —52 db.
 4 inputs. Uses any type microphone, phono pick-up, photo-cell, etc.
 Maximum gain on mike. . .138.6 db.
 Maximum gain on pickup. 94.2 db.

Two Jensen A-12 Speakers

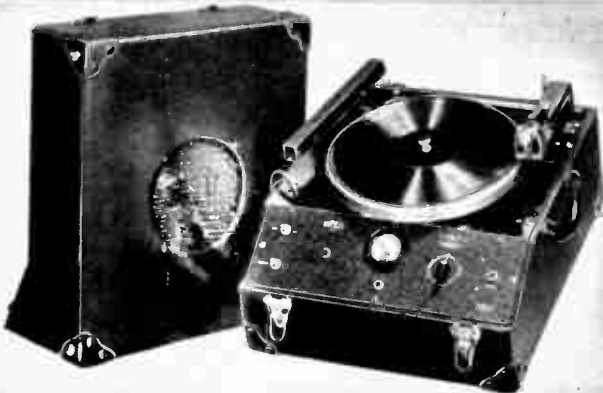
Fully enclosed in half sections of one carrying case the two Jensen A-12 High Fidelity electro-dynamic speakers have walnut finished infinite baffles. Will provide ample coverage for assemblages of 2,000 with high-fidelity.

Complete in Two Cases

Microphone and Heavy Duty floor stand can be placed in the amplifier case which makes this a most compact and easily portable unit. System Model 375-P—Lafayette studio Model Portable, 20 watt amplifier in case 19"x12"x21". Speaker case 18"x12½"x21½". 100 ft. heavy-duty cable, all tubes, Less mike and stand. For 110 volts 50/60 cycles a.c. Shpg. wt. 125 lbs. Code SHOTT. List \$197.00.

YOUR COST \$98.50
 For 220 volts, 60 cycles, add \$3.00;
 25 cycles \$9.25.

System Model 892-P—Same as above but with K13627 velocity mike and K13675 3 Section floor stand. Code SHEBA. Shpg. wt. 150 lb.
YOUR COST \$121.90



With Jensen 8" Electro-Dynamic Speaker

A Jensen 8" electro-dynamic speaker is built into the cover which can be detached for optional placement. Delivers 4 watts with distortion of less than 3%. Unit also available for d.c. operation. Details on request. Suitable microphone equipment listed on pages 65 to 67.

A highly perfected home and studio recorder incorporating every desirable feature for high-fidelity studio recording at a price far below what a superior instrument of this type usually sells for. For all direct and "off-the-air" recording, P.A. work, auditioning, etc. Has many uses in advertising and commercial fields. Essential as a study aid for singers, speakers wishing to improve their radio technique, diction and general "mike-manner." Records on acetate or aluminum discs at 33-1/3 and 78 r.p.m. Crystal pick-up plays back any 16 inch record.

Contains Three Stage Amplifier

Incorporates a high-gain amplifier, using 6 tubes in a four stage circuit. Amplifier equalized for both recording and play-back circuits. Cutting head adjustable for needle angle and depth of cut. Rim-driven 16" turntable. Heavy duty G-E motor has exceptionally close regulation. Tracking mechanism is of the positive-gear under-driven type with complete absence of waver. A high-grade meter is mounted on control panel for visual monitoring. Spanish grained leather case with nicked hardware. K22099—Vibro-Master Studio Recorder, complete with built-in amplifier, Jensen 8" electro-dynamic speaker, tubes and carrying case, Less mike. For 110 volts 50/60 cycle a.c. Size 23¾"x21¼"x14½". Shpg. wt. 100 lbs.
List Price \$335.00
YOUR COST \$251.25

Studio Model SYSTEMS CAN BUY! 30 Watt WITH EITHER UNIT



- Automatic Volume Control
- Automatic Expansion
- Adjustable AVC-AVE
- "Eye" Output Indicator
- Graduated "Eye" Control
- Beam Power Output
- Reverse Feedback
- 30 Watts Normal
- 40 Watts Peak
- 4 Input Channels
- Uses Any Modern Mike
- Maximum Gain 139 Db
- Hum Level Minus 50 Db
- Electronic Mixer
- Two Tone Controls
- Complete In 2 Cases
- Including Mike & Stand
- Infinite Baffle Speakers

Superfine Portable Unit

The new Lafayette 364-P Studio Model Portable System is without doubt the finest portable system ever marketed. Utilizing 11 tubes in the most modern amplifier circuit known to the engineering profession it provides all that the most discriminating could ask, at Lafayette's most-value-for-the-dollar prices. Compare the above features with any unit offered elsewhere.

Features A.V.C.-A.V.E.

A new perfected automotive volume control greatly minimizes acoustical feedback and compensates for performer variations. A.V.E. provides necessary expansion for high fidelity reproduction from ordinary records.

Fully Enclosed Speakers

Two Jensen A-12 electro-dynamic speakers are mounted in two half sections of one case. Handsome walnut fronts provide infinite baffles adding greatly to tone quality.

Mike and Stand in Case

The microphone and floor stand are fitted into amplifier case so that the complete system is carried in just two attractively covered cases.

MODEL 364-P—Lafayette Studio Portable complete with 30 watt amplifier in 19"x12"x21" case; 2 speakers in 18"x12 1/2"x21 1/2" case, less tubes, 100 ft. heavy-duty cable. For 110 volts 50/60 cycles a.c. Shpg. wt. 140 lbs. List \$233.00.

Code SHEVO. **\$116.50**
YOUR COST.....
For 220 volts; add \$4.00, 60 cycles;
\$10.95, 25 cycles.

System Model 894-P—Same as above but includes Amperite RBHN K-13565 velocity microphone and K13636-3 section floor stand. Complete ready to operate. Shpg. wt. 165 lbs. Code SHAME. List Price \$309.00.

YOUR COST..... **\$154.50**

PROFESSIONAL TYPE RECORDER

Designed for use where nothing but the finest results are permissible. Cuts either coated or aluminum blanks up to 16 inches in size at speeds of 33-1/3 or 78 r.p.m. Equipped with most advanced type crystal pick-up for play back with frequency range of 50 to 10,000 c.p.s. Among the features making this unit the finest of its kind available today are the following:

Motor and Turntable—Powerful G-E synchronous, self-starting type, suspended in live rubber eliminating vibration and waver—turntable is machined, heavy aluminum 16" flywheel type with rim drive.

Cutting Head—Electro-magnetic type (Auddak 4A)—500 ohms impedance—adjustable for needle pressure and cutting angle.

Cutting Head Assembly—travels on machined stainless steel bar—latch permits control at any point of record—cam lever lowers head smoothly and gently.

Over Head Feed—Pivoted in universal bearing—lead screw worm gear housed, prevents clogging—ground cone bearings avoids lead screw end play—automatic spring pressure—112-line head screw for either "outside-in" or "inside-out" records.

Play-Back Pick-Up—high fidelity crystal pick-up—100,000 ohms impedance—will give life-long service.

Carrying Case—grained leatherette—chromium-plated hardware—size 21"x21"x13"—corner guards—tool compartments for tools, needles, script, notes, etc. Easily raised panel for adjustments and repairs.



K22897—Professional-Type Recorder complete, in grained leatherette case. Size 21"x21"x13". For 110 volts 50/60 cycles a.c. Shpg. wt. 70 lbs.

List Price \$285.00. YOUR COST..... **\$213.75**

Other voltages, frequencies, lead-screws in stock.

FOR EASY TIME PAYMENT PLAN SEE PAGES 89-92

40 New WATT

NOW AVAILABLE WITH

The Theatre System that revolutionized the industry; that taught the exhibitor how foolish it is to pay exorbitant prices for good sound equipment, now incorporates a new feature—provision for using stage microphones through the sound-on-film system.

And, in addition to this new feature, this new Co-ordinated model has been improved and perfected to a point where you cannot buy a better sound-on-film system for the average theatre no matter how much you spend. The reason for this is quite simple. Lafayette Co-ordinated systems are made by the world's largest manufacturer of popular priced sound equipment. Lafayette makes and sells more high grade equipment of this type than any other single manufacturer.

For Theatres Up To 3000 Seats

Lafayette 40 watt systems are capable of serving a 3000 seat house with sound that cannot be excelled for quality and volume. They are normally rated at 40 watts and have a peak output of 60 watts. The harmonic content at 40 watts is only 5%! More power than the old type 6 foot racks yet compact enough to mount on the wall between the projectors.

Audio Equalizer—Beam Power Tubes

The equalizer circuit used in the Lafayette model 400-A amplifier was developed especially for theatre work, and is used exclusively in Lafayette equipment. This equalizer will provide a variation of as much as 12½ db from normal on the high frequency end of the response curve. Thus room acoustics, and defects in printing or recording can easily be compensated for. The equalizer is easily operated from the front control panel by means of a large full grip knob. Eight tubes are used in an ultra-efficient modified class "A" circuit as follows: 1-6C6 voltage amplifier, 1-6C6 electronic equalizer, 1-76 voltage amplifier, 1-42 triode amplifier, 2-6L6 beam power tubes in p.p. class AB power output stage, 1-83 high voltage rectifier and 1-82 bias rectifier. Tubes can be exposed for inspection or replacement by removing the screen on the front panel.

2 Photo Cell Inputs—Individual Controls

Two photo cell inputs are provided for use with two projectors. Voltage to the cells is individually adjustable. A precision type high resistance voltmeter is mounted on the front panel for accurate measurement of the voltage applied to the cells. A pilot light on the front panel indicates which cell is in use.

A complete series of systems incorporating the model 400-A amplifier is available. These systems provide any desired feature and include any or all of the following units (write for complete descriptive circular listing high quality "Facsimili-tone" theatre systems and all accessories):—

D.C. EXCITER. This unit will supply 10 volts at 7.5 or 5 amps and 8 volts at 4 amps. of direct current to the exciter lamps. This current is supplied to either one or two sets of terminals so that the exciter lamp of one projector can be connected to one set and the 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 change-over 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 switch permits compensation for changes in line voltage.

A.C. EXCITER (illustrated below at right). 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 which projector is "on".

MONITOR PANEL. Consists of a speaker for monitoring the output of the amplifier, an output meter with range switch, a volume control for the speaker and an on-off switch for the speaker.

STAGE MIKE PANEL. This panel makes it possible to use one or two stage microphones and a record player with the system. Electronic mixing is provided for as well as a tone control effective on all three channels.



\$395⁵⁰
COMPLETE SYSTEM

CO-ORDINATED
Lafayette
SOUND SYSTEMS



LEGAL
DOLPH SCOTT AND SUDDEN DEATH
LOUIS SHARREY F. G. P. P. T. U. R. E. S.

Lafayette CO-ORDINATED THEATRE SYSTEMS

PROVISIONS FOR STAGE MICROPHONES!

The Lafayette Co-Ordinated Theatre Systems are available with one or two amplifiers, in dual channel systems. The second amplifier is used as a standby unit, ready for instant operation in the event that trouble develops in the amplifier in operation. A special switching panel is incorporated in systems where two amplifiers are employed; this unit makes it possible to swing from one amplifier to the other in a moment, and also permits connecting the monitor speaker to one amplifier while the other is being used to reproduce the program.

Compact Wall Mounting Cabinets

All the units comprising a system are housed in wall type steel cabinets provided with doors at the sides, allowing easy access to the wiring terminals. The systems are so arranged that no external wiring other than the a.c. line and the stage speakers (also stage mikes when used) are necessary. Wherever dual channels are provided, terminals are mounted on opposite sides of the chassis—photocell leads are always adjacent to the projectors they serve. In short, installation is extremely simple.

Complete Selection Available

The complete selection, shown herewith, is varied enough to cover practically any requirement. Lafayette systems are, however, flexible enough so that any desired combination can easily be furnished on short notice. A complete bulletin listing and describing these systems, as well as the new Lafayette "Facsimili-tone" Systems are now available. "Facsimili-tone" systems include sound heads. Write for FREE descriptive circular.

System Model 710-P—A deluxe system consisting of two 400-T amplifiers; one model 405-A selector panel; one model 404-A d.c. exciter panel with remote control; one model 402-A monitor panel; one model 210-T stage mike panel. Complete system housed in the standard wall rack measuring 20 1/2" x 10" x 50" high. Shpg. wt. 206 lbs. Code SISTE. **\$395.50**
YOUR COST, Complete with Tubes

System Model 711-P—Same as the above, but with a.c. exciter panel model 403-A instead of the d.c. exciter. Rack measures 20 1/2" x 10" x 50" high. Shpg. wt. 170 lbs. Code SNALE. YOUR COST, With Tubes. **\$331.50**

System Model 705-P—Similar to model 710-P system, but does not include provisions for stage microphones. System consists of: two 400-T amplifiers; one 405-A selector panel; one 404-A d.c. exciter with remote control; one 402-A monitor panel. Rack measures 20 1/2" x 10" x 41" high. Shpg. wt. 186 lbs. Code SCFAN. YOUR COST, With Tubes. **\$326.50**

System Model 712-P—Same as model 705-P, but with 403-A a.c. exciter instead of the d.c. exciter. Rack is 20 1/2" x 10" x 41" high. Shpg. wt. 150 lbs. Code SPLES. YOUR COST, Complete with Tubes. **\$263.50**

System Model 714-P—One model 400-T amplifier; one model 404-A d.c. exciter and remote control; one 402-A monitor panel; one 210-T stage mike panel. Rack is 20 1/2" x 10" x 41" high. Shpg. wt. 140 lbs. Code STELO. YOUR COST, With Tubes. **\$268.25**

System Model 715-P—Same as system 714-P, but without the stage mike panel. Rack is 20 1/2" x 10" x 29 1/2" high. Shpg. wt. 150 lbs. Code SVATO. YOUR COST, With Tubes. **\$212.50**

System Model 716-P—Same as model 714-P system listed below, but with model 403-A a.c. exciter instead of the d.c. exciter. Rack is 20 1/2" x 10" x 29 1/2" high. Shpg. wt. 130 lbs. Code SEBOB. YOUR COST, With Tubes. **\$188.75**

System Model 717-P—For those requiring a minimum of equipment. Consists of one 400-T amplifier and one 403-A a.c. exciter. Rack is 20 1/2" x 10" x 14" high. Wt. 96 lbs. Code SILVO. YOUR COST, With Tubes. **\$107.50**

System Model 718-P—Same as above, but with model 404-A d.c. exciter with remote control instead of the a.c. exciter. Rack is 20 1/2" x 10" x 20 1/2" high. Wt. 160 lbs. Code SOCKA. YOUR COST, With Tubes. **\$180.50**

Individual Units

Model 400-A—40-watt Theatre Amplifier, less tubes. For standard rack mounting. No cabinet. Size: 19" x 8 3/4" x 9 1/4". For 110 volts, 50/60 cycles a.c. Wt. 73 lbs. Code ASTAN. YOUR COST, less tubes. **\$69.25**

Model 400-T—Same as above, but with tubes. YOUR COST **\$75.45**

K22086—Metal cabinet for 400-A or 404-A units. For wall mounting. Doors on sides. 20 1/2" x 10 1/2" x 10". Wt. 22 lbs. YOUR COST **\$9.75**

Model 404-A—Lafayette d.c. exciter panel, less Tungar bulbs and remote control stations. Panel for standard rack mounting. Dimensions: 19" x 8 3/4" x 9 1/4". For 95 to 135 volts, 50/60 cycles a.c. Shpg. wt. 73 lbs. Code ASTIS. YOUR COST **\$61.50**

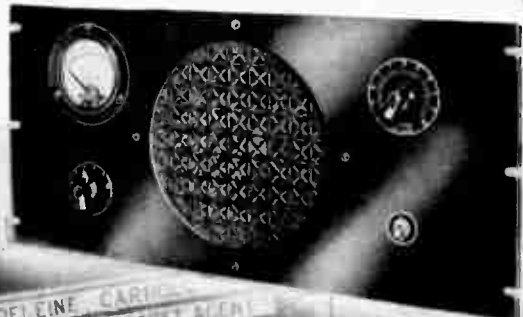
K21903—6 ampere Tungar bulbs. (G.E.) Two required. YOUR COST Each **\$4.41**

K22257—Remote Control Stations. 4 1/2" x 2 3/4" x 2". Shpg. wt. 9 lbs. YOUR COST Each **\$3.75**

Model 403-A—Lafayette A.C. Exciter Panel for standard rack mounting. Dimensions: 19" x 3 1/2" x 4". Shpg. wt. 13 lbs. Code ASTER. YOUR COST **\$11.50**

Model 402-A—Lafayette monitor speaker panel with output meter and volume control. Rack mounting. 19" x 8 3/4" x 4". Wt. 17 lbs. Code ASTYL. YOUR COST **\$31.50**

\$69.25
AMPLIFIER ONLY



MADELINE CARROLL
ET TUING N SECRET AGENT
NEWS & COMEDY

AUBURN 10 WATT Economy SYSTEM



New High Gain Economy System
 This new high-gain economy system forms an ideal moderate power unit. Operating on either crystal, velophone or carbon microphones it has innumerable uses where both low cost and fine quality must be met in one system. Two 6V6 "Beam-Power" tubes are utilized in the output circuit to provide maximum output consistent with pure, crystal-clear reproduction. A built-in low hum transformer reduces hum to a negligible minimum when used with carbon mikes.

Rated at 10 watts it will deliver a peak of 15, low-level gain on carbon mike 85 db, field supply 10 watts into 1000 ohms, sufficient for use in small dance halls, lectures and demonstrations, ballyhoo, etc. Supplies polarizing voltage for velophone mike and photo-cell source, as well as for carbon mikes. Has two low-gain and one high-gain channel. Max. gain high gain channel 120 db. Mixer-fader controls permit mixing the two lows or one low and one high; variable tone control compensates for acoustic differences. Shielded input plugs for high-gain mikes; supplied with rubber covered speaker plug. Uses five modern high-gain tubes: 1-6J7, 1-6N7, 2-6V6's, and a 5V4G rectifier. This complete Economy Sound System is now offered at a new low price.

Auburn 10 Watt Amplifier

Never before has it been possible to construct a quality amplifier capable of 10 watts output at anywhere near the amazing price of this Auburn. Model K-15870—Auburn 10 watt amplifier. For operation on carbon, crystal or velotron mikes. 110 volts 50/60 cycles a.c. Less tubes. Shpg. wt. 19 lbs. List Price \$29.90. **YOUR COST \$14.95**
 Model K-15871—Same as above but complete with set of matched tubes. Shpg. wt. 21 lbs. **YOUR COST \$18.85**

10 Watt Economy System

Imagine! A complete, ready to operate 10 watt Sound System for less than the tubes alone formerly cost! System 865-P—Auburn 10 watt Economy Sound System complete with amplifier described above, one special 10" electro-dynamic speaker (K-19349) one double-button carbon mike (K13645), mike stand (K13640), 12 feet of mike cable, 25 feet of speaker cable. For 110 volts 50/60 cycles a.c. Shpg. wt. 60 lbs. Code SHAWN. **YOUR COST \$26.75**

AUBURN 30 WATT AMP. & SYSTEM

Sensationally Priced High Power System

Comprising the most powerful unit in the Auburn line of fine amplifiers this new unit has a gain of 135 db when used with any modern mike. Has four input channels, two high-gain and two low-gain which may be mixed in practically any combination for desired effects. Tone and volume controls permit sensitive adjustments to be made. Essentially flat frequency response within 2 db from 50 to 10,000 cycles permits fine quality reproduction with sufficient volume to satisfy all but the largest installations. Positively the finest value ever offered in amplifiers.

24 Watt Field Supply

24 watts of field excitation current is supplied from the amplifier for 2-2500 ohm speakers. Output impedances available are: .35-6-1.35-2-4-6-8-15 50-250 and 500 ohms. Uses ten tubes: 2-75's, 1-6A6, 1-76, 1-6E6, 4-79's and an 83 rectifier.

Hum Free Operation

Excellence of design and shielding make this unit virtually hum proof. Adaptable for use with any type mike, phonograph pick up or other sound source. Output connection to the speakers provided by means of regular speaker plug supplied with amplifier. An output transformer is included.

Model K-15872—Auburn 30 watt amplifier, less tubes and screen cover but complete with output transformer. One of the finest buys in a 30-watt system in the past five years. Size: 10"x17"x10". For 10 volts 50/60 cycles a.c. Wt. 40 lbs. **YOUR COST \$27.95**

Model K-15873—Same as above but complete with all tubes. Wt. 40 lbs. **YOUR COST \$34.95**

K-15874 — Protective steel cover for above amplifier only. Heavy gauge steel. Wt. 6 lbs. **YOUR COST \$1.50**

Complete 30 Watt System

An ideal system for use where high quality and low cost are factors of great importance. More than enough power for average size theatres, etc. System Model 866-P—Complete Auburn 30 watt System with K15873 amplifier and screen cover, two Lafayette 12" auditorium speakers (K19237), one Lafayette velocity mike (K13627), floor stand (K13647), 50 feet of speaker cable, complete set of tubes. For 110 volts 50/60 cycles a.c. Shpg. wt. 140 lbs. Code SHREN. **YOUR COST \$66.25**



Microphone Cables & Accessories

Friction Clutch Chrome Floor Stand

Made of seamless brass tubing, triple chrome plated. Heavy, modern base, 10" diameter. Friction clutch lock varies height from 37" to 67". Female pipe thread, 3/8"-27. Net weight, 10 lbs. Has no equal for price, beauty or durability.
K13647—Special \$3.75

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 3/8"-27 thread. Overall height 2 1/2".
K13639—Your Cost \$1.47

Shielded 3-Way Microphone Plug

Barrel is made of nickel plated shell. Rubber insulating bushing.
K13519—Your Cost 73¢

Shielded 3-Way Portable Mike Jack

Brass parts with phosphor bronze springs. Entire jack nickel plated and thoroughly insulated.
K13520—Your Cost 73¢

3-Way Mike Plug

Bakelite handle, brass contacts.
K13521—Your Cost 40¢

3-Way Jack

Use with above plug.
K13522—Your Cost 26¢

AMPHENOL Connector Cap and Chain

Protects against dirt and tampering. Used on plugs, chassis, outlets. Type CCC8. Fits PC connectors.
K13390—Your Cost 29¢
 Type CCC8. Fits octal connectors. 1.880—20 thread.
K13391—Your Cost 29¢

Miniature Cable Connectors

Molded Bakelite female element the same as on microphone connectors. Same contact spacing. Cadmium-plated metal cap held with set screw. Cap has 1/4" cable outlet hole. Male connector uses standard element.
Male Type
 No. Type Prongs Each
K13335 PPM3 3 12¢
K13336 PPM4 4 12¢
Female Type
 No. Type Contacts Each
K13337 MPF3 3 12¢
K13339 MPF4 4 12¢

Lafayette "FRICTION CHUCK" MICROPHONE STANDS

Utilize a combination friction 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. Equipped with a universal ball and socket joint for both 1/2" pipe and 3/8"-27 thread. Cast iron bases covered with spun heavy copper chromium-plated shells and equipped with rubber feet.
K13576—Base diameter 7 1/2". Net weight 8 pounds. Shpg. wt. 10 lbs. **\$4.25**
Your Cost
K13528—Base diameter 10". Extra heavy base. Net weight 10 pounds. Shpg. wt. 14 lbs. **\$5.25**
Your Cost
K13577—Base diameter 10". Net weight 18 pounds. Shpg. wt. 22 lbs. **\$7.95**
Your Cost

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". With swivel. Shpg. wt. 10 lbs. **\$4.95**
Your Cost
K13646—Heavier tubes, base (10") and swivel. Shpg. wt. 14 lbs. **\$6.25**
Your Cost

DESK MIKE STAND

Left. Has 5" octagon ring. Provided with 8 springs. Ring is removable. Height 9". Wrinkle-black enamel finish. Shpg. wt. 10 lbs. **K13540—Your Cost \$1.18**

DeLuxe Banquet Stand

Right. Height 13". Has 6" removable ring. Is complete with 8 mike springs. 3/8" diameter pipe extension. Finished in black wrinkle enamel. Shpg. wt. 15 lbs.
K13542—Your Cost \$1.76

Reducers and Swivels

Made of solid brass, chrome plated
Reducers
 Stock No. Top Male Bot. Fem.
K13347 1/2" pipe 3/8"-27
K13349 1/2" pipe 1/2"-27
K13351 3/8"-27 1/2"-27
Swivels
 Stock No. Top Male Bot. Fem.
K13343 1/2" pipe 3/8"-27
K13344 1/2" pipe 1/2"-27
K13345 3/8"-27 3/8"-27
K13346 3/8"-27 1/2"-27
Your Cost Each, Any Type Above 45¢

BANQUET STAND

10 1/2" high; firm weighted base, 5 1/2" diameter. 3/8" diam. stem. Ball and socket joint, threaded 3/8"-27 to 1/2" pipe. Brilliant chromium plate finish. Shpg. wt. 4 lbs. Excellent for xtal mikes. Will easily support mike weighing up to 3 pounds. Stand only.
K13526—Your Cost \$1.95

Microphone Springs

Fine tempered steel.
K13402—Set of 8 15¢

Carbon Granules

Extra fine quality—not adulterated. Contains sufficient granules to refill one two-button mike.
K13481—Each 29¢

CRYSTAL MIKE CABLE

Flexible—Single Conductor
 Flexible stranded tinned copper single conductor; tinned copper braid shield; cotton wrap and lacquered braid, rubber overall. Wt. 10 lbs. per 100 ft.
K20842—Per Foot 4¢
K16333—50-Foot Roll \$1.80
K16334—100-Foot Roll 3.45

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.
K16079—Per Foot 6¢
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. 3/8" outer covering of high-percentage rubber. Shpg. wt. 10 lbs. per 100 feet. Wire is stranded.
K16145—Per Foot 4¢
K16706—50-Foot Roll \$1.80
K16207—100-Foot Roll 3.45
 Similar to above, but 5-conductor. Shpg. wt. 10 lbs. per 100 ft.
K16100—100 Feet \$5.95
Your Cost per Foot 7¢

NOTE: We can supply microphones, stands, cables and accessories for every purpose at lowest prices. Write us stating your needs. Consultation is free.

AMPHENOL

Cable—Male and Female Type

New improved octal connector. Steel shell carries threads, coupling ring. Rubber end gasket and cable grip clamp fits any size cable. Cadmium plated bronze contacts. Chromium finish. 1 1/4" diameter, 2 1/2" long.
 (Male) (Female) Con-
 No. No. tacts **Your Cost**
K13492 K13491 8 73¢
K13552 K13374 7 73¢
K13553 K13375 6 73¢
K13554 K13376 5 73¢
K13555 K13377 4 73¢

Cable & Microphone Type Connectors

3-Wire Shielded Locking Connectors

Similar to type described at left but for only 3 wires. 1 1/4" diameter, 2 1/2" long. Will not pull apart. Adjusts to any cable.
 Stock Type No. **Your Cost**
 No. No. Contacts **Your Cost**
K13488 MC4M 4 64¢
K13489 MC4F 4 64¢
K13489 MC3M 3 59¢
K13490 MC3F 3 59¢

Chassis type—Female

For use with cable type connector listed above, 1 1/4" diameter. High current carrying capacity.
 Stock Type No. **Your Cost**
 No. No. Contacts **Your Cost**
K13269 PO8F 8 35¢
K13271 PO7F 7 35¢
K13272 PO6F 6 35¢
K13273 PO5F 5 35¢
K13274 PO4F 4 35¢

Cable Clamp

Used with above PF and PM series of connectors. Just remove rubber grommet, put grip on cable and tighten screws. Cadmium.
K13436—Your Cost 6¢

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)...29¢
K13397—4 contact (PC4F)...32¢

Special Chassis Type

Similar to above but with contacts shielded. Fits up to 1/2" panel. Used with cable type MC connectors.
K13307—3 contacts 59¢ Each
K13308—3 prongs 59¢ Each
K13309—4 contacts 64¢ Each
K13310—4 prongs 64¢ Each

Mike Connectors For Single Conductor

New high speed cable coupling unit for single cable or similar connections. Indestructible shielded contact. Fits cables up to 1/4" diameter.
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¢

To Speed Handling of YOUR Order -- Use Our Order Blank

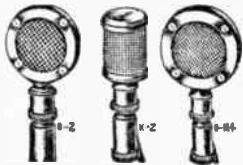
MICROPHONES and ACCESSORIES

ASTATIC CRYSTAL MICROPHONES

The famous models 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 cable breakage.

MODEL D-2. Double diaphragm type. Output, minus 64 db; response 50 to 6000 c.p.s. within 2 db. Only 2½" in diameter, ¾" thick. All chrome plated. Threaded for ½" male pipe; with adapters for ¼" and ⅜" pipe. Complete with 8 feet of cable.

- K13620**—Model D2. Shpg. wt. 2 lbs. **\$14.70**
- Your Cost.....**
- MODEL D2H.** As above, but hand type. **\$15.98**
- K13621**—Your Cost.....
- MODEL D104.** Single diaphragm. Output, minus 56 db. 3" diameter, 1" thick. Chromium finish. ½"-27 thread. High impedance. With 8-ft. cable. Famous among amateurs. **\$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. **\$15.00**
- K13578**—Your Cost.....
- MODEL K2.** Double diaphragm. Substantially flat from 30-6000 c.p.s. with rise of 10 db at 10,000. Output, minus 64 db. With 8 ft. of cable. ½"-27 fitting. **\$16.17**
- K13418**—Your Cost.....



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 3½" 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 3½" 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. **\$42.50**

- Your Cost.....**
- K13365**—Type 8A directional baffle plate. **\$1.70**
- K13368**—Type 9A swivel joint. **\$3.15**
- K13369**—Type KS-7133 20-foot cable. **\$2.00**
- K13366**—Type 23A desk stand. **\$3.15**
- K13367**—Type 22A floor stand. **\$15.25**

AMERICAN MODEL D5-T DYNAMIC MIKE



New streamlined dynamic mike. High impedance, 10,000 ohms (high permeability transformer built-in). Output level -55 db. Response ±1 db. from 50 to 5,500 c.p.s.; ±3 db. from 50 to 7,500 c.p.s. No pronounced peaks. Not affected by temperature changes, humidity or wind noises. Semi-directional. Streamlined case finished in black with chrome plated grill. 3½" long, 2½" diam. With swivel for ½"-27 thread, 25 feet of rubber covered cable and Amphenol connectors. Shpg. wt. 6 lbs.

- List **\$32.50**
- K13456**—Your Cost..... **\$19.10**
- MODEL D5.** Low impedance model (50 ohms). **\$16.17**
- K13472**—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, 3½" x 1½" x 1½". Finished in dull chromium. Output, minus 66 db. With 3-conductor locking type plug and socket connector. List Price **\$32.50**. Shpg. wt. 2 lbs.



- K13657**—Model B-1 **\$19.10**
- Your Cost.....**

Brush BR2S Sound Cell

Made up of 2 piezo cells using Bimorph elements. Output, -66 db. Cells are spring-mounted within case which is 2½" in diameter! Affords 360° non-directional pick-up. Designed to operate 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 **\$37.50**

- K13632**..... **\$22.05**
- Your Cost.....**

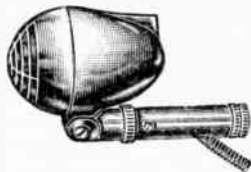
Brush Musicians Mike



Uses tiny crystal element. For tail piece of violins, guitars, etc., and bells of wind instruments. 1½" x ¾" x ¾" thick. For any hi-gain amplifier. With 25-ft. cable. Aluminum case with rubber "bumper." List **\$25.00**

- K13467**..... **\$10.29**
- Your Cost.....**

ASTATIC "TORPEDO" MICROPHONE



A new general purpose crystal mike with unequalled directional characteristics which reduce acoustical feedback to a minimum. Easily converted to non-directional mike by tilting to vertical position. 8 ft. cable concealed in neck; preserves beauty of design. Output, -60 db. Frequency response 30 to 10,000 c.p.s. Standard plug and socket, tapped -27 thread; and spring cable protector. Size: 2½" x 3" x 4".

- K13670**—List **\$25.00**
- Your Cost.....** **\$14.70**

"GRIP-TO-TALK" MIKE

This new Astatic crystal mike is ideal for the better type communication systems. Similar to Model D104, listed above, mounted on desk-stand and incorporating a "grip-to-talk" switch. Especially designed for use in Air-Base ground stations, Police call systems, inter-office and inter-factory communications work. Output, -54 db, frequency range 30-10,000 c.p.s. Mike and stand chrome-plated, telephone black base. Overall height 11". With 8 ft. cable. List **\$27.50**

- K13671**..... **\$16.17**
- Your Cost.....**



NEW! Amperite Kontak Musician's Mike



For all string instruments such as violin, guitar, double bass, etc. Attached without tools—no drilling. Natural reinforcement without undesirable effects. Response, 40-9000 c.p.s. Output, minus 40 db. With 25-foot cable.

- K13361**—Model KTH. Hi-imped. **\$12.94**
- K13362**—Model KTL. 200 ohms
- Your Cost, Either Type.....**

New! Amperite Pedal-Type Volume Control

Designed for use with the Musicians mike described above. Affords musical effects desired by the soloist.

- K13663**—Your Cost **\$4.70**

LAFAYETTE MIKES STATIC MICROPHONE

A velocity-type mike using a static field! Ideal for close talking. Works on lo-gain amplifiers. Polarizing voltage 20-300 volts. Output, minus 52 db at 100 volts. With shock absorber. Impedance 5 megs. With coupling and 12 ft. of cable.

- K13457**—Your Cost **\$9.95**

Velocity Microphone

Similar in appearance to above. Designed for use wherever high-quality is desired. Features new triple shielding. Supplied with shock absorber. Response, 40-10,000 c.p.s., 2 db. Output, minus 64 db. With 12 ft. of cable. Shpg. wt. 8 lbs.

- K13626**—200 ohm (low imp.). **\$11.88**
- K13627**—High impedance
- Your Cost, Either Type.....**

"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. Unit is 8" diameter and 2" thick. Shpg. wt. 4 lbs.

- K13420**—Your Cost **\$4.35**



Transducer "Bullet" Dynamic Mike



Available in 2 models. TR5 has sensitivity and response to meet all requirements. Output, minus 42 db. Net weight 1½ lbs. List **\$27.50**

- K13664**—TR5. Low imp. **\$16.17**
- K13665**—TR5. High imp.
- Your Cost, Either Type.....**
- MODEL TR6** has higher sensitivity (minus 40 db) for use of long lines. Black bakelite cases, with Amphenol connectors and 25 ft. cable.
- K13666**—TR6. Low imp.
- K13667**—TR6. High imp.
- Your Cost, Either Type.....** **\$23.22**

"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. Triple chrome plate finish. Insensitive to vibrations, may be located up to 1000 feet from amplifier. With 6-ft of cable. ½" pipe thread. Size: 3" high, 2½" wide, 3¾" deep. Shpg. wt. 4 lbs. No. M16226

- K13466**..... **\$15.90**
- Your Cost.....**
- K13465**—Hi-imped. **\$17.97**
- Your Cost.....**

Double-Button Desk Stand Carbon Mikes

Smooth frequency response from 50 to 6,500 c.p.s. Output level minus 63 db (open line). D.C. resistance 200 ohms per button; impedance 250 ohms. Excitation voltage 4-6 volts. Size, 6" high, 3½" wide, 2" thick. Wt. 4 lbs.

- K13462**—With felt baffle to prevent stray acoustic pick-up. Gunmetal finish. With 8-ft. shielded cable, 4-prong plug. **\$6.90**
- Your Cost.....**
- K13464**—Less baffle. Brown finish. With 6-ft. shielded cable and 4-prong terminal plug. **\$5.85**
- Your Cost.....**



SHURE CRYSTAL MIKES

AMPERITE VELOCITY MIKES

SHURE "ULTRA" WIDE-RANGE MICROPHONES

Feature true high-fidelity reproduction from 40 to 10,000 cycles; new "Cruciform" crystal mounting for high output level; dual drive high capacity Graphoil Bimorph crystal; curvilinear diaphragm; internal screen-protected units; complete barometric compensation; moisture-sealed crystals. All units have standard $\frac{3}{8}$ "-27 thread or stand mounting and are furnished with 7 ft. single, rubber-covered cable.



K13640—Model 700A—Swivel head for any tilt. 2 $\frac{1}{2}$ " in diameter. Bright chrome plate overall finish. Semi-directional pickup.
K13641—Model 701A—Similar to 700A. In rubber-black enamel with chrome bands and fittings. 3 $\frac{1}{2}$ " high, 2 $\frac{1}{4}$ " wide, 1 $\frac{3}{8}$ " deep.
K13642—Model 702A—Spherical unit with 860° pick-up. Overall diameter only 2 $\frac{1}{4}$ ". Finished in rubber-black with circular band of bright chrome. Shpg. wt. ea. 31 ba. List \$25.00
Your Cost Each, Any Above Models. \$14.70

Shure "Military-Type" Crystal Hand Mike



Fit in the palm of the hand—slipped into pocket when not in use. Anti-noise close-talking models give high intelligibility. 3 $\frac{3}{8}$ " high, 1 $\frac{3}{8}$ " thick. With removable hook and 7 ft. of shielded cable.
K13648—Model 750A
Your Cost \$14.70
K13649—Model 750B. As above, but with switch.
Your Cost \$15.58
CLOSE-TALKING MODELS
K13650—Model 760A
Your Cost \$17.64
K13651—Model 760B. As above, but with switch.
Your Cost \$18.52

Shure High-Fidelity Sound Cell Mike Model 85A



A true high-fidelity non-directional crystal mike with response within a range of only 5 db from 80 to 10,000 cycles. Meets the most critical requirements in applications calling for the very highest quality sound reproduction. Output level 68 db below 1 volt per bar (approximately 18 db below diaphragm types). Attractive grille-type case finished in rich rubber black with chromium plated fittings. Complete with 7 feet of single conductor cable. Has standard $\frac{3}{8}$ "-27 thread for mounting. Shpg. wt. 3 lbs.
K13652
Your Cost \$26.46

SHURE "TRIPOLAR" CRYSTAL MIKE Uni-, Bi- and Non-Directional

Now ONE mike gives you controlled direction! Any directional characteristic by means of a 3-point switch. Uni-directional—wide-angle front-side pickup, bi-directional—front and back only and non-directional—full 360°. Response from 40 to 10,000 cycles. Moisture sealed Grafoil Bimorph crystals. Swivel-type mount with standard $\frac{3}{8}$ "-27 thread. Case 5 $\frac{1}{2}$ " high by 2 $\frac{1}{2}$ " overall diameter. Finished in black morocco grain and chrome. With 25 ft. of shielded cable.
K13653 Shpg. wt. 3 lbs. List \$39.50
Your Cost \$23.22



New Shure Model 703S Communications Mike

Smaller, lighter with new swivel head. Designed especially for a amateur and police. Output 47 db below 1 volt per bar. With black morocco stand and 7-ft. cable. Chromium-plated head. Designed for voice work only.
K13654
Your Cost \$16.17
K13605—Model 703S. As above, but fixed head.
Your Cost \$14.70



SHURE Diaphragm Type Crystal Microphones Model 70H

Employs the cantilever principle. Beautifully cast chromium-plated case. Mounts direct in stand or in "carbon" ring. Output, minus 60 db; response, 30 to 10,000 cycles. 3" diameter, 1 $\frac{1}{4}$ " thick. With 4 removable quickway hooks and 7 feet of one-conductor shielded cable.
K13473 Each... \$13.23
K13484 As above, but with 25 feet of single-conductor cable.
Your Cost \$14.29



Shure Mike Stands

Model S32C desk stand; height from 7 to 11" with automatic friction lock; 6" black morocco base with chrome circles.
K13643—\$3.82 Each
 Model S54B floor stand; 3 sections, 25 $\frac{1}{2}$ to 62 $\frac{1}{2}$ "; 10 $\frac{1}{2}$ " modernistic base; automatic friction lock; new cable guide adds to neatness; weighs 7 $\frac{1}{2}$ lbs. Standard $\frac{3}{8}$ "-27 thread.
K13644—\$5.88 Each



VIBRATION PICKUPS

Locates destructive vibration as to amplitude, frequency components and direction. With point tip, ball tip, mounting bracket, 7 ft. shielded cable.
K13655—Model 61A. 2 $\frac{3}{8}$ "x1 $\frac{1}{2}$ "x1 $\frac{1}{8}$ ".
Your Cost \$14.70
K13656—Model 62A. Compensated for wide range, especially at low frequencies.
Your Cost \$17.64



AMPERITE VELOCITY MIKES

The most advanced velocity microphones made. Provide studio-type reproduction. Feature cast, 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 dust cover, design eliminates cavity resonance. 3-year guarantee against defects.



NEW! Models RBHK and RBMK

Incorporate Acoustic Compensator, permitting complete frequency adjustment, at the mere flip of a finger. Adjustable for close talking or distant pickup. Range 40 to 11,000 c.p.s. Output—65 db. Triple shielded. Complete with switch, cable connector and 25 feet of cable. Shpg. wt. 8 lbs. List \$42.00.
K13668—RBHK. High Impedance
K13669—RBMK. 200 Ohms
Each \$24.70

MODEL RBMn

Low impedance, 200 ohms. Other impedances at no extra cost. Permissible cable, 2000 feet. With 25 feet of cable. Shpg. wt. 8 lbs.
K13614
Your Cost \$24.70

MODEL RB-Bn

Low impedance—beam type (directional) for unusual feedback conditions. Permissible cable, 2000 feet. With 25 feet of cable.
K13616
Your Cost \$24.70

MODEL RB-BHn

Similar to Model RB-Bn, but high impedance.
K13612
Your Cost \$24.70

Model RBHn

High impedance (2000 ohms). Range 40 to 11,000 c.p.s. Output level—65 db. Can be used with up to 125 feet of cable. Furnished with 25 feet of rubber covered cable. Shpg. wt. 8 lbs. List Price \$42.00.
K13665
Your Cost \$24.70

MODELS RSHn, RBSn

Type RBSn is 200-ohm impedance; type RSHn is hi-impedance. Output, minus 68 db (open line). Slightly lower output than others, and minus cable lock. 12-ft. cable.
K13598—RSHn.
K13599—RBSn.
Your Cost Each \$18.82

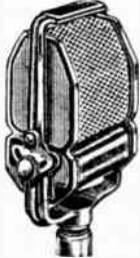
Ham Mike



Built for hams. No splashing, no peaks, broadcast quality. Has built-in r.f. choke circuit. Output—68 db. High impedance, works into grid. Gun metal finish. Special stand has swivel. Your call letters supplied Free (sent by Amperite on receipt of postcard enclosed with each stand. Shpg. wt. 5 lbs.
K13445—HAM. High Impedance.
K13446—HAL. 200 Ohms
Your Cost \$12.94
Stand Only: Black base, chrome plated leaf spring. Wt. 3 lbs.
K13433
Your Cost \$2.36
 Name Plate Only with maximum of 8 letters (fits on stand).
K13434
Your Cost \$1.18

MODEL SR-80

Response ± 1 db over entire range. Free from background noises. Output, minus 64 db (open line). No frequency discrimination with angle from center. With 25-ft. cable. Case of bronze and steel. With dust cover. Shpg. wt. 10 lbs.
K13468—50 ohms impedance.
K13475—200 ohms impedance.
K13463—High impedance.
Your Cost \$47.04
Any Type



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 and dust cover. Gun-metal finish. Wt. 7 lbs.
K13618—RAL. 200 ohms. 8-ft. cable.
K13619—RAH. 2000 ohms. 12 feet of cable.
Your Cost Each \$12.94

NEW! HAND-I-MIKE

A fine Amperite velocity mike. Can be used as hand, desk or stand unit. Fine for close talking—60-7500 c.p.s. Output minus 70 db. Head is 2 $\frac{1}{4}$ "x1 $\frac{1}{8}$ ". 12 ft. cable.
K13447—200 ohms.
K13448—hi-imp.
Net \$12.94
Ex. \$12.94
K13449—Desk base. Each \$1.18



LGP Input

Matches 50 or 200 ohms to hi-impedance input. Can be used with cable shield. 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 \$3.88

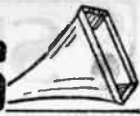
AMPERITE STANDS

Feature non-sliding, ball-bearing positive clutch; quick grip thread. All gunmetal finish.
K13442—Model DS desk stand. 7 $\frac{1}{2}$ " weighted base; 3" high. $\frac{3}{8}$ "-27 and $\frac{1}{2}$ " thread. Shpg. wt. 11 lbs.
Your Cost \$2.94
K13441—Model FS-18M floor stand. 42 to 60". $\frac{3}{8}$ "-27 thread. Shpg. wt. 19 lbs.
Your Cost \$9.40
K13439—Model FS-8M. Similar to Model FS-18M but semi-portable type. Wt. 16 lbs.
Your Cost \$8.23

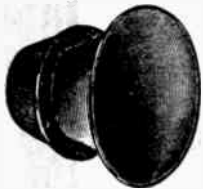


Replacement Ribbons
 Packages of 2 ribbons.
K13566—Standard. \$73¢
K13567—Supersensitive. \$1.03

Public Address Units and Trumpets



ALL-ALUMINUM "DOME" BAFFLES



For Outdoor and Indoor Use

Used extensively in general purpose p.a. systems. Easy to install, attractive, rust-proof and long-lived. Suspension or stand mtg. All aluminum construction. 100% weather-proof. Overall length 20", bell diameter, 17", bell length, 10". Accommodates all 10, 11, 12" speakers. With suspension rings and hardware. Shpg. wt. 6 lbs.

K20040—List \$8.00. \$4.70
Your Cost.....

DeLuxe "Dome" Baffle

Similar to above, but of heavier metal. Includes snap-on weather-proof cover, metal grille and felt-lined housing.

K20044—List \$15.00. \$8.82
Your Cost.....

Adapter Rings For Above

For reducing size of opening. Specify size when ordering.

K20045—Your Cost..... \$4.40

Giant All-Aluminum Parabolic Reflectors

Similar in appearance to above. Designed for use with high-power cone speakers. Its large size offers sufficient loading for reproduction of very low frequencies. Overall length 28", bell opening 22". Accommodates 10, 11 and 12" speakers. Spun of heavy-gauge aluminum in natural brilliant color. Shpg. wt. 8 lbs.

K20092—List \$13.50. \$7.94
Your Cost.....

A slightly smaller model is available for speakers having an outside diameter of from 8 to 10 1/2". Length 16", bell diameter 15". Shpg. wt. 5 lbs.

K20093—List \$8.00. \$4.70
Your Cost.....

Proportionately smaller for speakers from 6 to 8 1/2". Overall length 15", bell opening 15". Wt. 4 lbs.

K20094—List \$7.50. \$4.40
Your Cost.....

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 Cinaudagraph units. Finished in black enamel (non-rusting) with silver-finished fittings. Fitted with

rubber-tipped legs.
K20059—List \$12.50. \$7.35
Your Cost.....

CINAUDAGRAPH Air-Column Units and Horns



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 6 ohms. Less Transformer. Shpg. wt. 11 lbs. List \$31.00.

K19385—\$18.23
Your Cost.....

MODEL HWA UNIT—10"

Handles a steady power input of 25 watts; surges up to 30 watts. Diameter 10", depth 6 1/2". 2 1/2" diameter voice coil; impedance 6 ohms. Less Transformer. Shpg. wt. 35 lbs. List \$70.00.

K19386—\$41.16
Your Cost.....

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 6 ohms. Less Transformer. Shpg. wt. 42 lbs. List \$91.50.

K19387—\$53.80
Your Cost.....

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.

Exponential Horns

Model HU—For use with HWA or SUA units. Spun aluminum. 24" bell, 20" air column. Shpg. wt. 4 lbs.

K20090—Each..... \$14.41

Model FX—For use with FYA unit. 24" bell, 28" air column. Shpg. wt. 5 lbs. List \$32.00.

K20089—\$18.82
Your Cost.....

Model SW—For use with HWA or SUA units, 32" bell, 30" column. Shpg. wt. 6 lbs. List \$53.00.

K20091—\$31.17
Your Cost.....

Handle and Support Bracket
To suspend speaker from overhead or on metal speaker poles.

Model FXA—For FYA unit. Shpg. wt. 4 lbs.

K19388—Each..... \$2.06

Model HUA—For HWA unit. Shpg. wt. 5 lbs.

K19389—Each..... \$2.65

Model SWA—For SUA unit. Shpg. wt. 6 lbs.

K19390—Each..... \$3.38

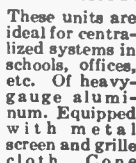
ACOUSTIC WALL ENCLOSURE



Enclosed type housing, front panel directed at 18 degree angle for effective coverage. Finished in dull glass black and beautifully trimmed with silver moulding. Will accommodate all speakers not exceeding a 10 1/2" outside ring diameter. Ideal for schoolroom, office, call systems, etc. Overall size 12x14x17".

K20043—Wt. 5 lbs. \$4.40
Your Cost.....

WALL MOUNTING ALUMINUM HOUSING



These units are ideal for centralized systems in schools, offices, etc. Of heavy-gauge aluminum. Equipped with metal screen and grille cloth. Cone diameter 5 1/2", inside depth 4 1/2". Shpg. wt. 2 lbs.

K20061—Your Cost. \$2.35

With 7" opening, 5 1/2" depth.
K20062—List \$5.00. \$2.94
Your Cost.....

TRUCK MOUNTING FOR "DOME" BAFFLES



Mounts dome baffles on trucks, walls, etc. Swiveled for directional effect. 8" cast base. Takes Cinaudagraph units. 14 1/2" high. Aluminum finish. Shpg. wt. 6 lbs.

K20095—\$2.88
Your Cost.....

Saddle and swivel.
K20097—\$1.77
Each.....

Lafayette 6-FOOT TRUMPET

Removable Tone Arm



Guaranteed Weather-Proof in All Climates

This remarkably low-priced exponential trumpet is guaranteed to be 100% weather-proof. It is shipped partly knocked-down and is easily assembled. Has a 2 1/2-foot detachable tone arm with threaded casting for the driver unit. Finished in brilliant aluminum color. Measures 6 feet long, square bell is 30x30". Shpg. wt. 24 lbs. With all hardware.

K20068—List \$25. \$14.70
Your Cost.....

Lafayette 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 operating capacity; 25 watts peak. Powerful Alnico P-M unit requires no field current making it ideal for auto mounting P-A systems. Male thread 1 1/2"-18. Shpg. wt. 15 lbs. List \$45.00.

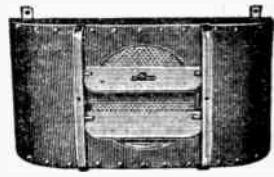
K19393—\$26.46
Your Cost.....

Same as above but with 6-volt field. Draws 1.5 amperes. List price \$27.50.

K19399—\$16.17
Your Cost.....

As above, but with 110-volts d.c. field coil.
K19399—\$16.17
Your Cost.....

New Acoustic "VARI-DEFLECTOR"



Takes speakers up to 13" outside diameter and 9" deep. New modernistic design in black and silver. Can be mounted on any corner of wall surface, either horizontally or vertically. Adjustable deflectors direct sound to desired areas of coverage and eliminate high frequency beam effects. Special internal acoustical construction eliminates resonance and vibration. Of solid, sturdy acoustic material. Mounting brackets furnished with each unit. With back cover piece. Size: 28" long, 14" high, 12" deep. Wt. 17 lbs. List \$12.50.

K20098—VD12 \$7.35
Your Cost.....

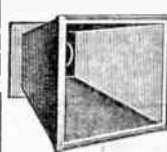
ATLAS FLARED BAFFLES



"Demountable" type flared baffle. Measures 14" deep; 30x18" bell. Knock-down size is 80x16x2 1/2". Weather-proofed materials. Aluminum paint finish. Type "A" will accommodate 10, 11, 12" speakers; Type "B" up to 9" speakers. Shpg. wt. 10 lbs.

K19838—Type A \$3.95
K19837—Type B
Your Cost Each.....

DIRECTIONAL BAFFLES



These demountable, directional speaker baffles can be assembled in a few moments and if desired knocked

down for storage. Material is weatherproofed and handomely finished in aluminum paint. Bell opening, 22x23"; length 25". When taken down for storage, it measures 27x25x3". Type "A" takes 10, 11 and 12" speakers; type "B", 7, 8 and 9" speakers. Shpg. wt. 15 lbs.

K20051—Type A \$5.00
K20052—Type B
List \$8.50
Cost Each.....

Flared Exponential Baffle

Similar to the directional baffle described above, but flared on all sides. Guaranteed 100% weather-proof in all climates. Bell, 24x36"; 37" long. Takes up to 14" speakers. Finished in aluminum paint. Wt. 20 lbs.

K20059—Less speaker housing. List Price \$14.50. \$8.53
Your Cost.....

SPEAKER HOUSING

Designed for use with either flared or directional baffles. Inside diameter, 15 1/2"x15 1/2"x11". Will fit above unit or one of your own construction. Is completely weather-proofed.

K20051—\$2.85
Your Cost.....

We Will Not Knowingly Be Undersold

Jensen Speakers

JENSEN PM Speakers



Replace conventional field coil types. "D" and "E" models have 3 ohm voice coils, 1/2" diameter. Model "C" has 6 ohm voice coils, 1" in diameter.

5" Models PM5-E
5" diameter. Shpg. wt. 3 lbs.
No. Transformer Each
K19006 Universal Tube \$3.18
K19007 Universal Line 3.18
K19008 Less Trans. 2.50

6" Models PM6-E
6 3/4" deep. Shpg. wt. 4 lbs.
No. Transformer Each
K19079 Universal Tube \$3.76
K19078 Universal Line 3.76
K19081 Less Trans. 3.09

8" Models PM8-D
3 1/4" x 4 1/4" deep. Shpg. wt. 6 lbs.
No. Transformer Each
K19082 Universal Tube \$4.70
K19077 Universal Line 4.70
K19084 Less Trans. 4.03

10" Models PM10-C
10" diam. Shpg. wt. 7 lbs.
No. Transformer Each
K19085 Universal Line \$7.50
K19086 Universal Tube 7.50
K19088 Less Trans. 6.61

12" Models PM12-C
12" diam. Shpg. wt. 8 lbs.
No. Transformer Each
K19089 Universal Line \$9.26
K19090 Universal Tube 9.26
K19092 Less Trans. 8.38

"Hi-Fi" PM Speaker Model A12-PM

Replace conventional Model A12 a.c. speakers. Frequency range up to 7500 c.p.s. Voice coil 8 ohms. Handles 12-18 watts. Completely dust-proofed. Ideal for p.a. installations. Shpg. wt. 21 lbs.



No. Transformer Each
K19093 Universal Line \$21.76
K19094 Universal Tube 21.76
K19095 Less Trans. 20.43

Model PM-12B

Similar to above, but less efficient. Replaces model B12-X. Handles 10 watts. Wt. 14 lbs.
No. Transformer Each
K19009 Universal Tube \$14.85
K19010 Universal Line 14.85
K19011 Less Trans. 13.52

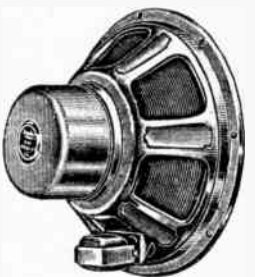
Peri-Dynamic Speaker

Model 3000. Enclosed type for flush mounting. Consists of an 8" PM speaker in a heavy wooden cabinet finished in black lacquer and natural walnut. Panel 12x16 1/2". Directs sound downward. 6 ohm voice coil. Less transformer. Wt. 12 lbs.
K19096 \$12.20
Your Cost



"NEW! JENSEN 15" HI-FIDELITY DYNAMIC AND PM SPEAKERS

A new departure in the field of speakers. These giant 15" units, in both field coil and permanent magnet types, feature: completely dust-proof construction; new economy in operation; high fidelity frequency characteristics (except model CR which is standard fidelity); improved power handling capacity. Maximum overall length 8 1/2"; baffle opening 13 1/2". Overall cone housing diameter 15". All speakers listed below are furnished less transformer; universal tube or line transformers suitable for use with these speakers listed elsewhere on this page. Each speaker has provisions for mounting transformer.



Dynamic (Field Coil) Type Speakers

Model A-15
1 1/2" voice coil, impedance 8 ohms at 400 c.p.s. Max. field dissipation 15 watts. Furnished less output transformer (see listing at bottom of page) Wt. 16 lbs.

Model B-15X
1 1/2" voice coil, impedance 8 ohms at 400 c.p.s. Max. field dissipation 12 watts. Furnished less input transformer. Shpg. wt. 12 lbs.

Stock No.	Field Res.	Your Cost Each
K19012	860 ohms	\$15.73
K19013	2500 ohms	

Stock No.	Field Res.	Your Cost Each
K19014	860 ohms	\$11.17
K19015	2500 ohms	

Model C-15R "Standard" 15" Dynamics

Similar to the above, but handles less power and has a more limited frequency range. Voice coil 1 1/4" diam.; impedance 8 ohms at 400 c.p.s. Max. dia. 9 watts. Less transformer. Wt. 10 lbs.
K19016—With 860 ohm field coil \$7.94 Each
K19017—With 2500 ohm field coil

Permanent Magnet (PM) 15" Speakers

Model A-15PM
Voice coil 1 1/2" in diameter, impedance 8 ohms at 400 c.p.s. Capacity of magnetic structure 3 lbs. Furnished less transformer. Wt. 16 lbs.
K19098 \$24.25
Your Cost

Model PM-15B
Voice coil 1 1/2" in diameter, impedance 8 ohms at 400 c.p.s. Capacity of magnetic structure 2 lbs. Furnished less transformer. Wt. 12 lbs.
K19099 \$15.88
Your Cost

JENSEN 12" "Hi-Fi" P.A. Speakers

Most popular for all p.a. work and for the finer receiver and centralized radio systems. Model A12 has a range from 50 to 7500 c.p.s. handles 12 watts continuously; 18 watts peak. Field wattage max. 18, normal 14, min. 10. Voice coil 8 ohms at 400 c.p.s. Efficiency second only to 18" and auditorium models. Cone diam. 12 1/4", 12" wide.



Model B12X is similar to the Model A12 but is slightly less efficient, and handles approx. 10 watts continuously. Field wattage 12 max., 8 min. Both models for d.c.

Model A12 P.A. Speakers (Shpg. wt. 21 lbs.)
Stock No. Field Res. Transformer YOUR COST EACH
K19304 860 ohms 4400 ohms c.t. \$12.64
K19033 860 ohms 500 ohms
K19028 1000 ohms 500 ohms
K19029 1250 ohms 500 ohms
K19034 2500 ohms 4400 ohms c.t.
K19035 2500 ohms 500 ohms

Model B12-X Speakers (Shpg. wt. 14 lbs.)
K19036 2500 ohms 4400 ohms c.t. \$9.70
K19037 2500 ohms 500 ohms
K19038 1250 ohms 4400 ohms c.t.
K19039 1250 ohms 500 ohms

Special A12 A.C. Model
12" model Jensen A12 speaker with special Lafayette field supply using an 83 tube. For 110 volts, 57-60 cycles a.c. Complete with transformer for 250-500 ohm line. Shpg. wt. 30 lbs. \$16.95
K19201—Your Cost, Special

JENSEN Auditorium Speakers

Handle 18 watts continuously, 25 watts peak. Voice coil 8 ohms at 400 c.p.s. Field wattage 33 max., 26 normal, 20 min. Cone diam 13 1/2". Furnished with 500 ohm line transformer.
M-20 D.C. 110 volt d.c. 440 ohm field. Shpg. wt. 46 lbs. \$35.33
K19248—Your Cost
M-10 A.C. 110 v., 60 cycles a.c. With tube. \$52.47
K19246—Shpg. wt. 56 lbs. Your Cost

JENSEN 18" Dynamic Speakers

High fidelity (HF) models have 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 with 500 ohm line transformer. A.C. models with tube.
Stock No. Model and Type No. Field Shpg. wt. Each
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. 46.30
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. 63.45

NEW! "KM" ENCLOSURE ASSEMBLIES

New, radically improved speaker and housing assemblies providing finer reproduction than that offered by "infinite" baffles. KM enclosures incorporate both "Peri-Dynamic" and "Bass Reflex" features (Jensen discoveries), insuring crisp, clear reproduction of all notes from lowest bass to highest treble. Cavity resonance, "boominess", rattle, etc., are entirely eliminated. Octaves are added to the audible range. Music lovers will immediately note the great improvement afforded by these assemblies. Consist of special enclosures made of sound absorbing material finished in a triple coat of French grey lacquer. Shipped knocked down with all mounting hardware and complete instructions included.



K19018—KM enclosure with Model PM-10C permanent magnet speaker. 28" high, 21 1/2" wide, 12 1/2" deep. Furnished less transformer. Shpg. wt. 44 lbs. List \$28.75 \$16.90
Your Cost

K19019—KM enclosure with Model PM-12C permanent magnet speaker. 30 3/4" high, 23 3/4" wide, 12 3/4" deep. Furnished less transformer. Shpg. wt. 52 lbs. List \$34.25 \$20.14
Your Cost

K19020—KM enclosure with Model A12-PM permanent magnet speaker. 30 3/4" high, 23 3/4" wide, 12 3/4" deep. Furnished less transformer. Shpg. wt. 64 lbs. List \$54.75 \$32.19
Your Cost

K19021—KM enclosure with Model A15-PM permanent magnet speaker. 33 3/4" high, 25 1/2" wide, 13 3/4" deep. Furnished less transformer. Shpg. wt. 73 lbs. List \$66.10 \$38.87
Your Cost

Universal Matching Transformers Only

Match the above speakers to any output tubes, single or p.p., or universal line (500, 1000, 1500, 2000 ohms). Shpg. wt. 4 lbs.
Stock No. Type For Speakers Your Cost
K19022 Universal Line PM-10C, PM-12C 88c
K19023 Universal Tube PM-10C, PM-12C
K19024 Universal Line A12-PM, B15X, PM15B, C15R \$1.32
K19025 Universal Tube A12-PM, B15X, PM15B, C15R
K19026 Universal Line A15-PM, A15
K19027 Universal Tube A15-PM, A15 \$2.20

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Quality SPEAKERS for Every Requirement

New LAFAYETTE P.M. Speakers



An entirely new line of permanent magnet type reproducers, all utilizing the latest type high permeability magnets. Each model matches in sensitivity a comparable field coil type dynamic speaker. Cones constructed of one-piece, seamless material scientifically designed to give maximum efficiency. Plated metal frames are sturdy and rust proof. 3, 5, 6 1/2 and 8" types for all types of receivers. 12" type ideally suited for small p.a. installations and for the large receiver.

ceivers. No output transformer furnished; suitable transformers listed below.

Stock No.	Diam. In.	Voice Diam.	Coil Imp.	Power Watts	Depth In.	Shpg. Wt., Lbs.	Your Cost Each
K19268	3"	5/8"	3.5 Ohms	2	2 1/8"	2	\$1.85
K19269	5"	3/4"	4.5 Ohms	3	2 1/2"	2 1/2"	2.21
K19270	6 1/2"	3/4"	4.5 Ohms	4	2 1/2"	3	2.35
K19271	8"	3/4"	4.5 Ohms	5	3 1/2"	5	2.90
K19272	12"	1"	4.5 Ohms	9	6 1/2"	9	4.01

Universal Transformers for Above

Match the above to any type output tubes, single or p.p.

K19273—For 3, 5 and 6 1/2" Models.	Your Cost	44c
K19274—For 8" Model.	Your Cost	59c
K19275—For 12" Model.	Your Cost	73c

Special 6" Dynamic



This midget dynamic is exceptionally well constructed and shows a fine frequency response. Pressed paper cone. Supplied less output transformer.

K19131—1800 ohm field
K19130—2500 ohm field
Your Cost Each, 95c
Same as above, but with 2500 ohm field and output transformer to match single 47, 2A5
\$1.35
K19124—Your Cost.

Special 5" A.C.-D.C. Compact

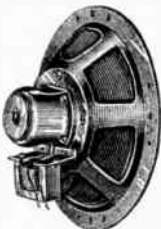


Especially designed for use in a.c.-d.c. midget receivers. Has standard 3000 ohm field and is furnished with an output transformer to match a single 43 tube. Cadmium plated metal frame. Over-

all size: 5x4 3/4 x 2 1/2". Shpg. wt. 4 lbs.
K19293—
Your Cost, \$1.32
Each

8" Dynamic Speaker

For use in radio consoles, and small or medium-sized amplifiers. Has excellent frequency response; covers the entire audible range. Furnished with universal output transformer to match any output tubes. Shpg. wt. 10 lbs.
K19307—With 1000 ohm field
K19292—With 2500 ohm field
Your Cost Each, \$2.40
Either Type



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			Speakers in Cabinets		
Stock No.	Diam.	Your Cost	Stock No.	Diam.	Your Cost
K19121	3"	\$0.98	K19106	5"	\$2.18
K19230	5"	.85	K19107	6 1/2"	2.38
K19199	6 1/2"	1.25	K19108	8 1/2"	3.05
K19119	8 1/2"	1.65			

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 85c

W.D. Wright De Coster SPEAKERS

UNIVERSAL 3 1/2-WATT DYNAMICS



A line of high quality dynamic speakers furnished with both UNIVERSAL FIELD COIL AND UNIVERSAL OUTPUT TRANSFORMER. Can be used anywhere, at any time. Field resistance: 2500, 2200, 1800, 1800 tapped at 800, 1500, 1000 and 700 ohms. Output



transformer matches any type output tubes, single or p.p. Voice coil imp. shown at 400 c.p.s.

No.	Model	Diam.	V.C. Imp.	Depth	Shpg. Wt.	Your Cost
K19159	E700	6"	5.3 Ohms	4 1/2"	5 lbs.	\$3.43
K19160	E800	8"	5.3 Ohms	4 7/8"	6 lbs.	3.92
K19158	E1100	10"	5.3 Ohms	5 1/2"	7 lbs.	5.39
K19147	E1200	12"	5.3 Ohms	6 1/2"	9 lbs.	5.88

"NOKOIL" Speakers 3 1/2-Watts

A line of standard speakers for use wherever good all-around performance is desired. Utilize the new high permeability magnetic alloy—performance equal to comparable electro-dynamic speakers. Ideal for use as extension speakers, in radio receivers, in call systems, school installations, etc. All have cadmium plated steel frames. Excellent frequency characteristics. Type NST700 has transformer to match tubes like the 45, 47, 2A5, 43, etc. Others for universal tube or multiple line (P.A.).



No.	Model	Diam.	Transformer	Depth	Wt.	Each
K19359	NST700	5"	4000-7000 Ohms	2 3/4"	3 lbs.	\$3.43
K19140	NST800	6"	Universal Tube	2 1/2"	4 lbs.	
K19360	NST800A	6"	500-1000-1500 Ohms	2 1/2"	4 lbs.	\$3.92
K19141	NST900	8"	Universal Tube	3 1/4"	5 lbs.	
K19365	NST900A	8"	500-1000-1500 Ohms	3 1/4"	5 lbs.	\$4.41
K19366	NST1000	10"	Universal Tube	5 1/2"	6 lbs.	
K19367	NST1000A	10"	500-1000-1500 Ohms	5 1/2"	6 lbs.	\$4.90

"Hyflux" Magnetics

Built to exacting standards to provide the maximum in quality, range and performance. Excellent for call systems, in schools, hotels, etc. Require no field excitation. Features include: one-piece seamless cone, metal dust covers, Bakelite coil form. Shpg. wt. 4 lbs.



Stock No.	Diam.	Imp. In. Ohms	Your Cost
K19142	6"	10,000	\$2.47
K19144	6"	7,000	
K19143	8"	10,000	
K19145	8"	7,000	\$2.94
K19149	8"	500-1000	



Model E500 5" Dynamic
Diameter 5". With output transformer to match a single 43. Field resistance 3000 ohms. Voice coil 4.2 ohms at 400 c.p.s. Power capacity 3 1/2-watts. Shpg. wt. 4 lbs.
K19161—
Your Cost, \$2.47



Field Supply 110 Volts, 60 Cycles a.c.



Delivers 9 watts into 2500 ohms. Uses 25Z5 tube. Metal chassis has line switch. 8 1/2 x 2 1/2 x 1". Shpg. wt. 4 lbs. Less tube. \$2.94
K19162—Your Cost

6" Dynamic with Universal Output

Universal output transformer matches any existing types of output tubes. Speaker frame finished in cadmium plate. Shpg. wt. 6 lbs.
K19165—1000 ohms.
K19166—2500 ohms.
K19122—6-volt for auto sets.
K19109—1800 ohms tapped at 300 ohms.
Your Cost, \$1.69
Any Type



JENSEN Model R Electro-Dynamics



Compact dynamics for most standard radio receivers. Ruggedly constructed. 5" models with 12" connector cords; 6" and 8" models with 18" cords. All have hum-bucking coils. Voice coils 5 ohms at 400 c.p.s.
F5-R 5" (wt. 4 lbs.)
Stock No. Field Res. Ohms Your Cost Each
K19054 8000 \$2.35
E6-R 6" (wt. 5 lbs.)
K19059 2500 } \$3.18
K19063 1000 }
D8-R 8" (wt. 7 lbs.)
K19069 2500 } \$3.91
K19073 1000 }

JENSEN Model C Electro-Dynamics

A line of high quality dynamics ideally suited for radio receivers, p.a. work, etc. Have heavy field pots and 1 1/2" voice coils. All with 18" connector cords. All with hum bucking coils. Voice coil imp. 8 ohms at 400 c.p.s. 8" models have power capacity of 6 watts; 10" models capacity 8 watts; 12" models capacity 9 watts. (See note below at left.)



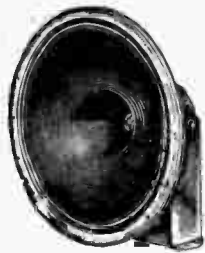
Stock No.	Field Res. Ohms	Your Cost Each
K19040	2500	\$4.56
K19042	1250	
K19044	2500	\$5.59
K19046	1250	
K19048	2500	\$6.31
K19051	1250	

NOTE: All Jensen model R and Model C speakers are furnished with UNIVERSAL OUTPUT TRANSFORMER to match any type of output tube, single or push-pull.

PUBLIC ADDRESS *and* HIGH-FIDELITY SPEAKERS

WRIGHT DE COSTER SPEAKERS

12" JUNIOR STADIUM DYNAMIC



A high powered, high fidelity 12 inch speaker for p.a. use, for the better receivers, etc. Will handle 15-watts of audio power continuously. Voice coil 2 1/4" in diameter, impedance 10 ohms at 400 c.p.s. Field resistance 2500 ohms. Overall size: 12 1/4 x 8 1/8". Furnished with transformer. Shpg. wt. 25 lbs.

K19396—With Universal Tube Transformer.
K19372—With Universal Line Transformer (500, 1000, 1500, and 2000 ohms).
Your Cost Each \$14.21
Either Type

Senior PM Types

A line of modern, powerful permanent magnet speakers ideal for light p.a. duty, for radio receivers, etc. Feature para-curve diaphragms, plated metal frames, dust proof construction. Furnished with universal transformer to match any output tubes or lines.



Stock No.	Transformer	Cap. Watts	Wt. Lbs.	Your Cost
6" MODELS				
K19320	Univ. Tube	8	4	\$5.88
K19321	Univ. Line	8	4	
8" MODELS				
K19322	Univ. Tube	8	5	\$6.37
K19323	Univ. Line	8	5	
12" MODELS				
K19368	Univ. Tube	8	9	\$8.82
K19369	Univ. Line	8	9	
K19370	Univ. Tube	15	11	14.21
K19371	Univ. Line	15	11	14.21

LAFAYETTE 12" PM SPEAKERS

These new Lafayette permanent magnet speakers utilize the latest magnets, to provide efficiency never before obtainable in this type unit. Fully the equal of similar size electro-dynamic speakers. Will handle large audio output without distortion. Frequency response covers the entire audible tone range with practically no discrimination. Construction features include: plated metal frames, ruggedly assembled; completely dust-proofed; magnets covered by papier-mache housings. Ideal for use in Public Address systems, in fine radio receivers, in centralized sound systems, etc. Supplied less transformer; suitable universal transformers listed below.

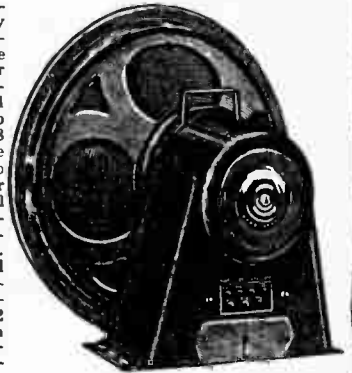


18-WATT SPEAKER—12"
K19227—1" diam. voice coil, impedance 8 ohms. 20 ounce magnet. Less transformer. Shpg. wt. 9 lbs.
Your Cost, Special \$7.41

25-WATT SPEAKER—12"
K19228—1 1/4" voice coil, 8 ohms impedance. 31 ounce magnet. Less transformer. Shpg. wt. 11 lbs.
Your Cost Each, Special \$8.73

LAFAYETTE CONCERT SPEAKER

A powerful 12" electro-dynamic speaker especially well suited for use with public address systems where high quality and power handling capacity are required. The speaker will handle 12 watts of audio power continuously, with 18 watt peaks. Frequency range essentially flat from 60 to 8,000 c.p.s. Pressed paper cone with large voice coil and three point spider suspension. Voice coil impedance 8 ohms at 400 c.p.s. Heavy steel frame is finished in satin black enamel; carrying handle provided. Recommended field current 12 watts. Terminal strip on back, fully shielded. All supplied less input transformer. Shpg. wt. 25 lbs.



K19236—With 1,000 ohm field coil.
K19237—With 2,500 ohm field coil.
K19238—With 5,000 ohm field coil.
Your Cost Each, Any Type \$5.95
Special a.c. model, using 80 rectifier. Less tube. \$8.75
K19239—Shpg. wt. 25 lbs. **Your Cost**

LAFAYETTE UNIVERSAL TRANSFORMERS

For use with above 12" dynamic and PM type speakers. Universal tube type matches speaker to any existing tube output tube, in single or p.p.; universal line type matches speaker to 500, 1000, 1500 or 2000 ohm line. Shpg. wt. each 3 lbs.
K19225—Universal Tube Transformer
K19226—Universal Line Transformer
Your Cost Each, Either Type 73¢

CINAUDAGRAPH "Magic Magnet" Reproducers



★ No Field Current
★ Extremely Wide Range



Cinaudagraph speakers feature: polyfibrous cone material; voice coil on a quartz cylinder; nipermag (extremely powerful) 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. **Your Cost \$2.94**

Model MA 6-8-6"
Power capacity 4 to 8 watts. Resonance freq. 120-150 c.p.s. Voice coil dia. 7/8", impedance 6 ohms. Shpg. wt. 3 lbs. **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. **Your Cost \$4.41**

Same as above, but with larger magnet. Shpg. wt. 5 lbs. **K19379 Your Cost \$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. **Your Cost \$5.29**

Model NZ 10-10-10"
Same as NZ 10-7, but with larger magnet. Wt. 6 lbs. **Your Cost \$7.20**

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. **Your Cost \$16.17**

Model HW 13-13-12 1/2"
Power capacity 20-30 watts. Resonance freq. 30-50 c.p.s. Voice coil diam. 2 1/2", impedance 6 ohms. Shpg. wt. 43 lbs. **Your Cost \$35.87**

Model SU 18-12-18"
Power capacity 25 to 35 watts. Resonance freq. 30-50 c.p.s. Voice coil 3 1/2" diam., impedance 6 ohms. Shpg. wt. 78 lbs. **Your Cost \$67.62**

All models listed above supplied less input transformer.

CINAUDAGRAPH Infinite Baffle Cabinets

Special speaker enclosures for use with the above speakers. Provide infinite baffle. Inner lining absorbs radiation and prevents reflection of high frequencies back to speaker diaphragm. All models are ruggedly built; types 3BC and 4BC provided with recessed handles on each side. Corners re-enforced with nickel plated braces, and a wire grill is mounted in the opening to protect the speaker diaphragm. Finished in neutral gray. Shipped knocked down. Less speaker.



Stock No.	Type	Speaker	Dimen. In.	Your Cost
K20200	1BC	8"	18 x 13 x 7 1/2"	\$9.13
K20201	2BC	10"	21 x 17 x 10 1/2"	12.49
K20202	3BC	12", 13"	35 1/2 x 35 1/2 x 11 1/2"	17.64
K20203	4BC	18"	35 1/2 x 35 1/2 x 16"	19.11

30-Watt Field Exciter

On black lacquer steel chassis with removable screen cover. Uses either an 80 or an 83 V rectifier tube. Has the following specifications: when using an 83 V it



will deliver 30 watts into a 1000-ohm field (minimum resistance), 24 watts into 1500 ohms, 20 watts into 2000 ohms, 17 watts into 2500 ohms and 11 watt into 5000 ohms. When using an 80-type rectifier, it will deliver 18 watts into a 675-ohm field 16 watts into 1000 ohms, 11 watts into 2500 ohms and 8 watts into 5000 ohms. For 110 volts, 60 cycles a.c. Size, 7x3 1/2 x 6 1/2". Shpg. wt. 8 lbs. **Less Tube. \$19235—List \$13.50 \$6.75**
Your Cost

Walnut Speaker Cabinet

A beautifully styled hardwood speaker cabinet that will house speaker chassis up to 12" in dia. Constructed of the finest walnut veneers with high polished finish. Attractive inset base. Speaker opening covered by a dull gold grill cloth and fronted by a "ladder" design. Ideal for extension speakers in centralized sound systems, in schools, etc. Overall size: 16" high, 12 1/2" wide, 9 1/2" deep. Inside dimensions: 14 1/2 x 12 1/2 x 9 1/2". Offered at an unusually low price. Wt. 6 lbs.



K22138—Your Cost \$3.75

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

SPEAKER REPLACEMENT PARTS



EXACT DUPLICATE REPLACEMENT CONES FOR STANDARD SPEAKERS



Stock No.	Set or Speaker	Outer Diam.	Your Cost
K19501	Atwater Kent 43, 46, 55, 60, 64, 66, 67, F4, Part No. 15142	10 1/4"	\$1.18
K19502	Atwater Kent 80, 82, 84, 55B, 627, 87, 90, 92, Early Models 83, 85	8 3/4"	1.03
K19782	Atwater Kent 43, 46, 55, 60, 64, 66, 67, F2, Part No. 14374	10 1/4"	1.18
K19518	Best D-65	6 3/4"	1.03
K19577	Bosch 5A, 39A	7"	1.03
K19505	Bosch 48, 68	9 3/8"	1.62
K19520	Brunswick S81, S82, 81, 82, 21, 31, S21, S31	12"	1.70
K19521	Clarion 60, 80, 81, 85, 90, 91, 100, 120, 25-60	8 3/8"	1.47
K19522	Clarion 51, 53, 55	12"	1.62
K19525	Clarion 220, 260, 25-260	6"	1.18
K19527	Clarion 320	6"	1.03
K19534	Clarion 480	10"	1.47
K19574	Colonial 33, LL-18	12 1/4"	1.70
K19579	Colonial 36	9 1/2"	1.47
K19617	Crosley M45, 40S	9"	1.47
K19580	Fada 15, 20, 25, 32	8 1/2"	1.62
K19583	Fada 11, 12, KU, KW	10 1/2"	1.70
K19538	Grunow 801, 701, 751, 762, 753, 671, 1152, 1162	10"	1.62
K19548	Grunow 650, 651, 661, 750, 670	8 3/8"	1.47
K19519	Jensen D7, D8	11 1/4"	1.70
K19645	Jensen D9, Inner Spider	11 1/4"	1.62
K19549	Jensen D15	8 1/2"	1.32
K19551	Jensen D16	8"	1.32
K19554	Jensen J1, J2	6 1/2"	1.03

Stock No.	Set or Speaker	Outer Diam.	Your Cost
K19585	Lyric Model D, No. 9	10 1/4"	\$1.47
K19625	Magnavox 144	7 1/2"	1.18
K19526	Magnavox D6, D7, D8, 80, 90, 100	9"	1.62
K19556	Magnavox 130, 136	8 1/2"	1.47
K19530	Majestic G1	9"	.84
K19531	Majestic G2	9"	.84
K19532	Majestic G3	10"	1.18
K19646	Majestic G6, G7	10"	1.47
K19533	Majestic G5, G8, G9	12"	1.70
K19647	Majestic G14	12"	1.30
K19626	Majestic G10B, G10D	8 1/2"	1.18
K19587	Majestic G11B	9 1/2"	1.40
K19547	Philco 20, 70, 90 small	8"	.73
K19400	Philco 40, 41, 65, 76, 77, 95, 96, 111, 112, 90 large	10 3/4"	.75
K19552	Philco 50, 51 small, 80, 81	5 3/4"	.70
K19640	Rola F5	6 1/4"	1.03
K19648	Rola F6, F8	8"	1.18
K19586	Rola "J" series, D90, D110	9 1/2"	1.62
K19588	Rola G12	12"	1.71
K19589	Rola F4	5"	.82
K19597	Stewart-Warner 2-point spider 200A, 950	9"	1.62
K19550	Stewart-Warner 3-point spider	9"	1.47
K19592	Stewart-Warner 104A	8"	1.47
K19593	Utah Large Cub, No. 2, 2-point spider	7 3/4"	1.32
K19595	Utah Little Giant No. 1 inside spider (Isodyne)	7 3/4"	1.18
K19571	Victor RE32, 45, 75, 52	9"	.95
K19574	Zenith 52, 72, 50, LL18	12 1/4"	1.70



GENUINE RCA-VICTOR Replacement Speaker Cones



We can supply any RCA cone not shown here at a discount of 40 & 2% from list. If an RCA listing is not available, write giving complete information and we will quote.

Stock No.	Model Numbers	Part No.	Your Cost
K19403	34, 35, 39, 50, 55, 59, 80, 82, 86, RE20, RE59, RAE79	8558	\$1.20
K19404	R6, 7, 8, 9, 10, 11, 12, RE-18, RE19, 21, 14, 15, 17, 42, 48	8601	.96
K19405	R32, 52, RE45, RE75	10801	1.20
K19406	R28, 28P, RE40, R22, 100, 101, 110, 111, 114, 115, 300, 301	8987	.68
K19407	R5, R5X, R5 d.c.	7236	.68
K19776	M-34, M-105	9023	.60
K19410	R37, 38, 37P, 38P, 112, 120, 121, 122, 142B, 241B, 310	9428	.60
K19209	100A speaker (mag.)	9190	.75
K19210	100-B, 103 speakers	8359	.75
K19495	C11-1, C13-2, C15-3	8056	.95
K19496	SWA3, R24, R71, R71B	8921	.75
K19497	R70, R73, R74, R75, R76, R77, RE81, 128, 128E, 210, 211, 221, 223, 224, 24E, 322, 322E	8935	.60

NEW 3" DYNAMICS!

Now for the first time—an efficient dynamic speaker measuring only 3" in diameter! Incorporates all the features of the 5" and 6" types, and will handle a surprisingly large volume of sound without distortion. Pressed steel frame, transformer mounted on field housing. Pressed paper cone and large 2-point spider. Field resistance 3000 ohms. Overall size 4 1/2 x 3 3/4". Long leads. Shpg. wt. 3 lbs. K19298—With transformer to match a single 47, 2A5, 42, 12A7, 25A7. K19299—With transformer to match a single 43, 45, 12A5. **Your Cost Each \$1.61**



Rubber Covered 4-Wire Cable

Ideal for speakers. Heavy rubber cover. Hemp wrapper over each conductor. Will stand up under most severe conditions of use. Conductors color coded. Shpg. wt. 6 lbs. per 50 ft. K16154—100 Ft. for \$4.25 **Your Cost per Foot 5¢**



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 34¢**



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, Kit of 16 36¢**



SPEAKER CEMENT

For speaker cones and voice coils. Dries rapidly. To be applied with a fine brush. In sealed metal tubes. K15239—1 1/2" Tube. **Your Cost Each 6¢** K15240—3 1/4" Tube. **Your Cost Each 10¢**



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
K19668	Brunswick 16	2500	\$2.35
K19470	Brunswick 15, 22, 32, 42	1610	3.53
K19686	Crosley Model 57, 58, 59, 269	10000	2.35
K19462	Grunow 5A	1850	2.35
K19429	Jensen D7, D8	1500	2.50
K19436	Jensen D9, D15	2500	1.47
K19634	Lyric 9"	6000	4.12
K19670	Magnavox D7 (9")	2500	3.82
K19446	Majestic G1	3100	3.15
K19447	Majestic G2	2730	3.15
K19657	Majestic G4, G5	2750	3.75
K19678	Majestic G3	2750	3.75
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	2.25
K19753	RCA R4	1900	.79
K19411	Rola F4	3000	.98
K19464	Rola G12	1000	2.75
K19474	Rola F6, F8, K7, K9	1800	1.40
K19475	Rola F6, F8, K7, K9	2500	1.75
K19696	Silver-Marshall 30	1500	3.35
K19679	Stewart-Warner 950	10000	3.95
K19465	Stewart-Warner R202	10000	1.98
K19484	Temple All Models	2250	3.45
K19466	Utah Little Giant	2500	1.95
K19486	Victor RE32, 45, 75	3000	2.35

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 1/4" dia., 1 1/2" deep, 1 1/4" hole.	Your Cost \$1.39
K19655—2 1/4" dia., 1" deep, 3/8" hole.	
K19656—2 1/4" dia., 1 1/8" deep, 1" hole.	Your Cost \$1.45

Shpg. wt. 2 lbs. **Your Cost \$1.45 Any Type**



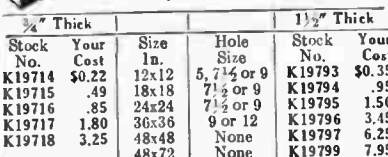
SPEAKER CONES FOR U.S.-APEX-GLORITONE

Stock No.	Model and Speaker	Out. Diam.	Your Cost
K19629	26 (Speaker 2714)	8 1/2"	\$0.88
K19508	26A (Speaker 2467)	8"	1.18
K19509	26B (Speaker 2925)	8"	1.32
K19510	27 (Speaker 1936)	8 1/2"	1.18
K19642	10B (Speaker 2802)	10"	1.47

Celotex Speaker Baffles

We will supply baffles with any size hole, to your specifications, at no additional cost. When ordering, specify hole size desired. Shipping weight 2 1/2 lbs. per sq. ft.

3/4" Thick			1 1/2" Thick		
Stock No.	Your Cost	Size In.	Hole Size	Stock No.	Your Cost
K19714	\$0.22	12x12	5, 7 1/2 or 9	K19793	\$0.35
K19715	.49	18x18	7 1/2 or 9	K19794	.95
K19716	.85	24x24	7 1/2 or 9	K19795	1.50
K19717	1.80	36x36	9 or 12	K19796	3.45
K19718	3.25	48x48	None	K19797	6.25
		48x72	None	K19799	7.95



HIGH GRADE SPEAKER GRILLE CLOTH

Fine quality figured ornamental cloth for use behind speaker grilles. Smart appearance. Approximately 12x12".

K19609—**Your Cost Each 9¢**
Ten Pieces For 75¢

K20949—Grille cloth, 50" wide, cut to your specified length. **Your Cost per Yard \$1.25**



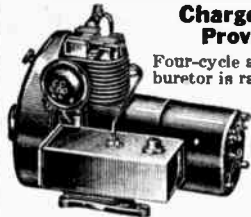
NOTE

We can supply speaker cones and field coils for any standard speaker at the very lowest prices. When ordering, give all pertinent information, and if possible, send a sample. Orders promptly and carefully handled.

GAS-DRIVEN GENERATORS Converters

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 1/2 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. **\$32.94**
Your Cost, Complete.
K17230 Model D. Charges 6 and 12 volt batteries. 150-250 watts. **\$39.32**
 With self-starter. **Your Cost, Complete.**
K17232 For charging 32-volt batteries—250 watts. **\$47.37**
K17233 For 32-volt lighting—250 watts
Mazda Edison Base 6-Volt Light Bulbs
K12255 15-watts. Draws 2.5 amps. **Your Cost**
K12256 25-watts. Draws 4.2 amps. **Each 30¢**

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-shathed propeller starts spinning at winds as low as 5 m.p.h.



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

Requires No Care
 A life-time generator (it is built to last 15 years) has oil-sealed ball-bearings which require 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. 65 lbs.
K17224—Your Cost, When Purchased With Any Lafayette Radio Receiver. **\$17.50**
 Purchased Separately. **\$19.75**

INSTALL YOUR OWN LIGHTING SYSTEM



Wire your own barn, house, summer bungalow, etc., for city lighting convenience using 6-volt storage batteries charged by a Rural Power Plant or Windcharger. Easily and quickly installed. A pull of a chain and you have eye-saving, soft illumination.

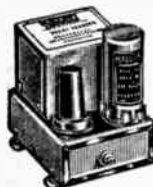
Complete wiring kit (B) contains: 100 ft. No. 8 weather-proof wire, 25 ft. drop cord, 6 pull-chain sockets, 6 porcelain cleats, 6 nail-it knobs, 2-6" porcelain tubes, porcelain entrance switch and fuse block, 2-30 ampere fuses, 4 oz. friction tape, 4 oz. rubber tape. **K17240** Your Cost. **\$6.95**

Light Your Trailer



Kit "A" contains 3-25 watt bulbs and 3-15 watt bulbs. Frosted type with standard Edison base. For 6-volt lighting. Ideal for trailers. **K17241**—Your Cost. **\$1.80**

NEW! Mallory Vibrapack Converts 6 Volts D.C. To 300 Volts D.C.



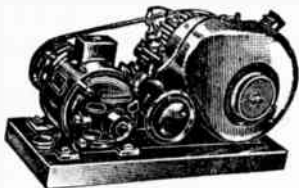
The answer to many amateur, P. A. and industrial voltage problems. Each unit provides 225, 250, 275, 300 volts d.c., at 100 ma., from 6 volts d.c. Voltages are selected by means of a tap switch

Available in two types: Self-rectifying and with tube rectifier; latter is required only where "B minus" can not be at ground potential. Equipped with built-in noise suppressor, plug-in vibrator and rectifier tube (in tube type). Compact—light in weight.

- K6094**—VP-552; self-rectifying type. Wt. 10 lbs. **\$10.88**
Your Cost.
K6095—VP-554; tube rectifier type. With tube. **\$11.76**
Your Cost.

300-Watt Gas Driven A.C. Generator

Furnishes "city" electricity! 110 volts, 60-cycle a.c., as well as 6 volts d.c., for charging all 6-volt storage batteries. Engine is of the famous Iron Horse 4-cycle type with foot-pedal starter; operates 12 hours on a gallon of gas. Has muffler for silent operation. Generator is self-excited; angular grease-sealed bearings need no attention. Weighs only 72 pounds, measures 20x11x11". **Ideal for hams, mobile P.A., boats, farms, etc.**



- K19899** 300-watt type, belt driven. Wt. 78 lbs. **\$59.90**
Your Cost, Complete.
K19888 As above, but with push-button starter **\$82.40**
Your Cost, Complete.
K19887 Filter with ignition shielding. Each **\$5.60**
K19894 600-watt type, hand crank. **\$134.60**
Your Cost Complete, F.O.B. Chicago.
K19895 1000-watt type, hand crank. **\$194.60**
Your Cost Complete, F.O.B. Chicago.
 These units are available up to 5000 watts. Free details.

JANETTE Rotary Converters

For operating 110 volt, 60 cycle a.c. electrical appliances, radios, P.A. systems, etc., from d.c. supplies. Models available for any voltage from 6 to 220 volts as listed below. **All are equipped with all-wave interference filters to prevent noise reaching the radio.** If filter is not required, write for prices on model desired. Sizes listed are suitable for practically any requirement from small midjet radios up to large public address systems, transmitters, etc.



Stock No.	Output Watts	Input Amps	Your Cost	Stock No.	Output Watts	Input Amps	Your Cost
32 V. D.C. to 110 V. 60 Cycle A.C.				110-115 V. D.C. to 110 V. 60 Cycle A.C.			
K19806	80	5.4	\$29.15	K19807	80	1.3	\$29.15
K19800	110	6.5	31.39	K19803	110	1.9	31.39
K19801	150	8.5	34.64	K19804	150	2.4	34.64
K19802	300	15	48.71	K19805	300	4.0	48.71
K19813	500	18	64.14	K19815	500	6.4	64.14
K19814	650	27	95.53				
220 V. D.C. to 110 V. 60 Cycle A.C.				12 V. D.C. to 110 V. 60 Cycle A.C.			
K19816	150	1.2	36.02	K19839	80	15	35.41
6 V. D.C. to 110 V. 60 Cycle A.C.				K19870			
K19808	30	13	38.94	K19870	120	18	41.16
K19818	60	24	48.71	K19876	160	22	58.14

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	37.62	K17211	300	4.0	37.62

Converters and gas-driven generators are available for all applications at low wholesale prices. Our engineering department offers you free consultation on your needs.

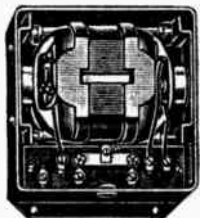
WINDCHARGER WIRE

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	4c	3.10
K20873	8	5c	4.50
K20874	6	6c	5.25

GEN-E-MOTOR POWER SUPPLY

For Use With 6-Volt Storage Battery



Provide quiet, well-filtered plate voltages for transmitters and amplifiers where only 6-volt energy is available. Ideal for car, truck, trailer, farm. Require no oiling; dust-proof case 3 1/2 x 5 1/4 x 4". Rubber-floated unit. Shpg. wt. 17 lbs.

Stock No.	Volts Out.	Cur. Ma.	Taps	Your 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
For 32-Volt Lighting Plants				
K14213	185	..	67 1/2	14.70
K14222	180	..	90	14.70
K14212	180	..	22 1/2, 45, 67 1/2, 90, 135	16.17

* Less filter.
GEN-E-MOTORS Only
 In Cadmium plated cases 2 1/2 x 5 1/4 x 4". Shpg wt. 8 lbs.
K14201—For 6 V. input. Delivers 225 V. at 50 ma. Drain 3.8 A.
K14230 For 6 V. input. Delivers 250 V. at 50 ma. Drain 4.2 A.
Your Cost Each, \$8.52
 Either Type. **K14233**—32 V. input, 180 V. output. **Your Cost. \$10.58**
 Each.

For replacement in Ford-Majestic units. 250 V., 50 ma. **\$8.52**
K14182—Your Cost.

Storage and dry batteries, chargers and battery accessories are listed on page 164.

PHONO PICK-UPS and ACCESSORIES

NEW! 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 2½ ounces; counterbalanced; high-lift arm; non-resonant; completely shielded; housed in beautiful streamlined black molded Bakelite—10½" long, 2½" high, base 2". With 2½-ft. shielded cord. For 10" and 12" records. Wt. 3 lbs. List \$12.00.

K137—Your Cost..... \$7.06

K13393—Crystal Pick-Up Cartridge only..... \$3.53
List price \$6.00. Your Cost.....

New "TRANSCRIPTION-TYPE" Crystal Pick-Up



The new Shure "Transcription" models meet the high standards required for reproduction in broadcast recording and entertainment fields. "Needle-tilt" balanced tracking. Wide range response to approximately 7,000 cycles assures high quality reproduction. Head pivots horizontally at front of arm for easy needle changing. Complete with 3½ ft. shielded cord, drilling template and screws.

K13394—For all records up to and including 16 inch. \$8.82

List Price \$15.00. Your Cost.....

K13395—For 10 and 12 inch records only. Your Cost..... \$8.52

ASTATIC "TRU-TAN" CRYSTAL PICK-UP



The outstanding feature of this new pickup is its scientifically designed off-set head which follows the entire

playing surface of the record practically true to tangent of the circle at all points. This accomplishment assures longer record life and more accurate reproduction. Absolutely free from mechanical resonance throughout the entire audible range. 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.....

K173—12" Arm. Shpg. wt. 5 lbs. List \$27.50. \$16.17

For records up to 16". Your Cost.....

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. \$5.88

8" arm. Wt. 3 lbs. Your Cost.....

K162—For records up to 16". \$7.35

12" arm. Wt. 4 lbs. Your Cost.....

Special Acetate Coated Aluminum Record Blanks



Have no gritty surface, so scratch is eliminated. Cut like celluloid

blanks, but give better results than celluloid or aluminum. These are not supplied in pre-grooved types.

K349—Size 8", Your Cost \$0.45

K351—Size 10", Your Cost .58

K352—Size 12", Your Cost .72

K353—Size 16", Your Cost 1.35

Aluminum Record Blanks Plain or Grooved

These blanks are standard for recording in many fields and are capable of extra wide frequency response with little scratch.

Plain		Pre-grooved	
Stock No.	Your Cost	Stock No.	Your Cost
K200	16c	K204	18c
K201	23c	K205	25c
K202	29c	K206	39c
K203	42c	K207	55c
K199	69c		

RCA Home Recording Double Faced Blanks

Made of flexible composition, double faced. To be played back with RCA-Victor Home Recording Needles.

K381—6" Blanks. Pkg. of 4. 68c

K382—10" Blanks. Pkg. of 2. 68c

K383—12" Blanks. Each. 62c

Recording Needles for Above K129—Pkg. of 8. 25c

Your Cost.....

Mike and Phono Adapter

5, 6, 7 and 8 Prong



Can be used with a mike or phono pick-up where tube under which it is inserted is an amplifier tube.

K12628—5 Prong 65c

K12629—6 Prong 68c

K12630—7 (S.) Prong 68c

K12631—8 Prong 68c

New Audax Microdyne pick-up now available. Write for special prices and information.



Wide Range Response

K526—Magnetic type. List \$8.00. Your Cost \$4.70

K527—High output, magnetic type. List \$9.00. Your Cost \$5.29

K528—Crystal cartridge only, for use in above arms..... \$3.53

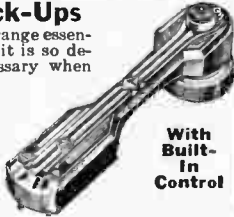
WEBSTER Hi-Fidelity Pick-Ups

An efficient pick-up having a frequency range essentially flat from 100 to 7000 cycles. Unit is so designed that no counterbalance is necessary when used with 33½ r.p.m. recordings. Has flat, inertia-type head. Volume control built-in. High impedance type—no transformer needed. For 10 or 12" records. Wt. 4 lbs.

K147—Your Cost..... \$5.65

Model X73A2—In appearance like above, but contains piezo crystal. 40 to 8000 cycles. Built-in control. High impedance type—needs no transformer. Shpg. wt. 4 lbs. \$7.06

K460—Your Cost.....



With Built-In Control

High-Range Magneto-Chromatic Pick-Ups

AUDAX Model HR-64

High range pick-up for use with records up to 12". Frequency range well beyond requirements of finest commercial records. Arm has ball bearing compound movement; low center of gravity. Remarkably fine tracking on all frequencies; featherweight on the record. Attractively finished in instrument black. Shpg. wt. 3 lbs.

K105—200 ohms K111—500 ohms \$8.75

K106—10,000 ohms Your Cost, Any Type.....

Your Cost.....



UPCO "Tone Master" Pick-Up



An efficient, wide range pick-up at an exceptionally low price. Reproduces the entire audible range with great fidelity. For either 10" or 12" records. Finished in black crystallized lacquer. Length 7½" from needle to base center.

High impedance, no matching transformer required. Shpg. wt. 3 lbs. \$4.25

K142—Your Cost.....

With Volume Control \$4.50

K144—Your Cost.....

ASTATIC Scratch Filter

An Astatic product, sealed and tuned to resonate at point of greatest scratch intensity. Metal container, 1x1½x2 inches.

K13362—Your Cost..... 88c

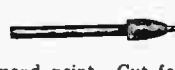


Diamond Cutting Needle

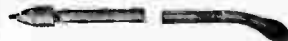
For recording on aluminum.

Genuine diamond point. Cut for high fidelity.

K132—Your Cost..... \$1.75



Sapphire Reproducing and Cutting Needles



(A) For recording on celluloid and acetate record blanks. \$3.45

K196—Your Cost.....

(A) For recording on aluminum. \$2.25

K192—Your Cost.....

(B) For recording on pre-grooved composition and celluloid. \$2.25

K194—Your Cost.....

(A) For reproducing standard records. 78 R.P.M. \$1.75

K195—Your Cost.....

Steel Needles For Recording and Playback

K341—For aluminum. Standard Type. 5c

Your Cost Each.....

K342—For Acetate. Flat shank. Highly tempered. 69c

Your Cost for 5.....

K344—For Acetate. Round shank. Low scratch level. 69c

Your Cost for 5.....

Playback 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 Playback. Envelope of 12. 8c

K343—Your Cost.....

RCA Phono Needles Play Back Only

Steel. Half Tone, 75 to envelope. Others 100 to envelope.

K159—Half Tone. K153—Full Tone. K160—Extra Loud Tone. 9c

Your Cost Per Pack.....

Chromium. Semi-permanent needles. With colored shanks. 18c

K155—Orange (33½ r.p.m.). K157—Green (78 r.p.m.). 18c

Your Cost, Either Type.....

Package of Six Tungstone. Semi-permanent type. 18c

For use in automatic phonographs. K157—Extra-loud Tone. 18c

K158—Full Tone. 18c

Your Cost, Either Type.....

PHONO-MOTORS • Record Changers & ACCESSORIES

NEW! ASTATIC Model 0-7 Crystal Pick-Up



New crystal pick-up embodying the well-known offset-head principle to provide minimum tracking error. Axial cushioning reduces motor noise and speaker pick-up feed-back. Response covers an unusually wide range. Other features: streamline design; lightly damped stylus; low record wear; needle pressure only 2½ ounces; higher out-put level; easy needle loading. Only 9" overall. Telephone black lacquer finish. Shpg. wt. 3 lbs. List \$12.00
K214—Your Cost \$7.06

"AMERICAN" EL4 Carbon Mike with Hand-Desk Stand



An unusually fine two-button carbon mike that is ideal for voice reproduction and music. Stretched dural diaphragm .002". Rubber mounted yoke has 5/8" 27 female thread; mounts on any standard mike stand. Polished chrome finish. 2 3/4" diameter. Can be converted to an attractive hand mike by adding the handle listed below; can be converted to a banquet type desk stand by adding both handle and base (listed below). Shpg. wt. 3 lbs. List \$7.50

K13658—EL4 Mike only \$4.41
Your Cost

AG Handle Only: Converts above to hand mike. Takes a moment to install. Wt. 1 lb. **K13659—88¢**
Your Cost

Desk Base Only: With handle, forms desk stand. Twist lock connection. **K13660—59¢**
Your Cost

SHURE 3B Carbon Mike



Excellent quality two-button carbon mike, 200 ohms per button. Spring suspension; provided with four "quick-way" hooks. 3" in diameter. Rigid cast frames, built-in grilles. Shpg. wt. 2 lbs. **K13645—\$3.23**
Your Cost

Special Transcription Motor with 16" Turntable



Especially designed for playing 16" transcriptions, commercial program records, etc. Heavy duty motor provided with a special 16" turntable made of lightweight alloy. Each turntable individually machined for its motor, and counter-balanced accurately. Laminated spiral cut gears run in oil; bearings self-lubricated. For use with both 78 and 33 1/3 r.p.m. recordings; speed shift lever furnished. For operation on 110 volts, 60 cycles a.c. only. All necessary hardware included. Shpg. wt. 18 lbs. **K22010—Your Cost \$21.95**

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**

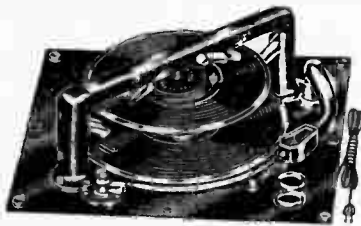
GREY "Kacti" Needles

The finest cactus needles obtainable. Cause no record wear, last longer, eliminate objectionable needle scratch. Individually tested. **K359—Pkg. of 10. Your Cost 29¢**

Stroboscope

Calibrated 78, and 33 1/3 r.p.m., 25-50-60 cycles. 6". **K197—15¢**
Each

NEW! SUPER-DELUXE Automatic Record Changer

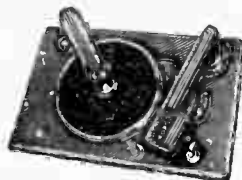


The most efficient, most versatile automatic record changer ever devised. Plays 10" and 12" records **intermixed in any order without presetting.** After loading any number of records up to eight, any record can be repeated or rejected at will. Mechanism stops on completion of last record or can be stopped by pressing the "stop" button. The high impedance **crystal pick-up** lifts vertically, preventing undercutting of record grooves. Head automatically moves into the first groove, whether mechanism is level or not. **Swivel type head** permits loading of needle from the top. The changer operates on 100/130/200/250 volts, 50, 60 cycles a.c. All metal parts finished in statuary bronze. Size: 17x15 1/4"; 5 1/2" above panel, 4 3/4" below. Shpg. wt. 36 lbs. **K21048—\$69.50**
Your Cost

As above, but for 100/130/200/250 volts A.C. or D.C. **K21049—Your Cost \$76.75**



DeLuxe Automatic Record Changer



No. 9820 With Crystal Pick-Up

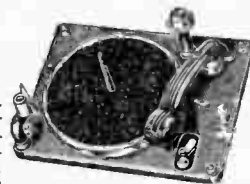
The most efficient, fool-proof record changing device on the market today.

Automatically changes either eight 10-inch or seven 12-inch records. Gives uninterrupted record reproduction for 35 minutes when using 12-inch records. Employs new, inertia type crystal pick-up with balanced tone arm (40,000 ohms impedance, no transformer required). Pick-up arm has 3-ounce needle pressure. Needle easily loaded from top of head. Hooded light on panel. Plays 78 r.p.m. recordings (standard). 18 1/2" long, 12 3/4" wide, 8 3/4" high. Requires space at left of motor board 7 1/4"x15 1/4" and 11" deep. Brown wrinkle finish. Shpg. wt. 31 lbs. **K21051—Your Cost \$59.70**



Junior Automatic Record Changer

No. 9800 With Magnetic Pick-Up



Small, compact changer ideal for phonograph modernization. Takes less space than usual manual motor board. Automatically changes seven 10-inch records. Plays 12-inch records manually. Uses Viscaloid damped magnetic pick-up having impedance of 1400 ohms. Repeats last record of either size until reloaded or turned off. Plays 78 r.p.m. recordings. 13 1/2" long, 10 1/4" deep. Brown wrinkle finish. Shpg. wt. 15 lbs. List \$49.95. **K21052—Your Cost \$29.97**

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, 78-33 1/3 r.p.m. Uses Piezo high impedance **crystal pick-up.** Entire chassis of copper plated steel; exposed parts finished in bronze. Requires space 17 1/2"x13 1/2"x5 1/2". Shpg. wt. 30 lbs.

K19820—Changer, less case \$30.00
List \$50.00. **Your Cost**

As above, but with universal a.c.-d.c. 110 volt motor. List \$58.00 **K21050—Your Cost \$34.80**

Portable carrying case only. **\$4.40**

K1766—Your Cost \$4.40

Model L 2-Speed Record Changer: Same as Model K, but plays both 10" and 12" records automatically. Less case. List \$57.00.

K17754—110 v., 60 cycles a.c. \$34.20

Your Cost

K17764—6 volts d.c. Your Cost \$39.60

K21053—Universal a.c.-d.c. (110 v.) List Price \$62.50

Your Cost \$39.00

Portable case for Model L **\$4.75**

K17767—Your Cost \$4.75

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. \$7.95

Your Cost

As above, with 12" turntable. **\$8.25**

K103—Your Cost

K100—Two-Speed (78 and 33 R.P.M.). With 10" turntable. Wt. 15 lbs. \$10.50

Your Cost Each

As above, with 12" turntable. **\$10.80**

K188—Your Cost Each

Universal 110 Volt A.C.-D.C. Motor

With 12" turntable and changeover switch. For 78 r.p.m. records. Wt. 11 lbs. **\$12.30**

K126—Your Cost

Similar to above, but for 78 and 33 r.p.m. recordings. **\$13.95**

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. **\$11.70**

Your Cost Each

Governor assembly for any of the above motors. **75¢**

K208—Your Cost

Automatic Stop for any of the above motors. **90¢**

K135—Your Cost Each

New Dual Field Recording Motor

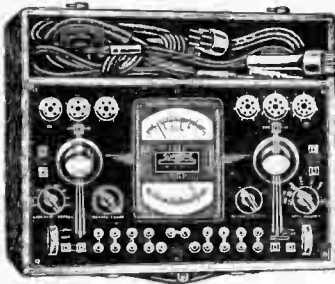
Special heavy duty model for studio type recordings. Double motor, both fields of the constant speed type, governor controlled. Two-speed, 78 and 33 r.p.m. Supplied with **special weighted 12" turntable**, speed change lever, escutcheon plate and hardware. For 110 volts, 60 cycles a.c. only. Shpg. wt. 18 lbs. **\$21.00**

K224—Your Cost Each

RELIABLE EQUIPMENT AT REASONABLE PRICES

SUPREME *Testing* EQUIPMENT

MODEL 550 DE LUXE SET TESTER

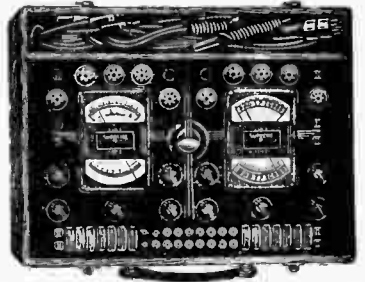


A complete service unit for testing all circuits of all types of receivers, P.A. amplifiers and television receivers. Can be used as point-to-point radio tester or as an analyzer direct from the tube sockets. Illuminated, 5 1/4 x 7 1/4", 1000 ohm/volt, double-window Quadrimeter. 41 ranges! A.C. and D.C. volts: 7/35/140/350/700/1400; d.c. milliamperes: 1/7/35/140/350/700/1400; d.c. amperes: 0/14; ohms: 2000/20,000/200,000; megohms: 2/20, from internal power pack; decibels: -10 to +6/0 to +16/+10 to +26/+20 to +36/+30 to +46. Six output ranges. Electrostatic mfd.: .07/35/1.4/3.5/7.0/14.0; electrolytic mfd.: 1.4/3.5/7/14.0. Leakage tests for all condensers. Grid shift test. Bronze panel. Double-fused line cord. Oak case with slip cover, 7x14x18 1/2". Full set of accessories and instructions. For 110/125 volts, 60 cycles a.c. Shpg. wt. 30 lbs.

K21504—Your Cost Complete

\$54.83

MODEL 585 DE LUXE DIAGNOMETER

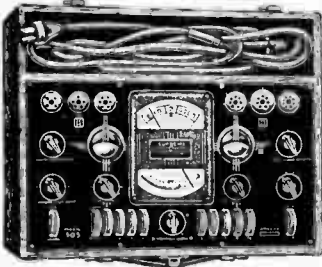


Seven instruments in one. 46 ranges and functions. D.C. and A.C. volts: 7/35/140/350/700/1400; d.c. milliamperes: 1/7/35/140/350/700/1400; d.c. amperes 0/14; ohms: 200/2000/20,000/200,000; megohms 0/2/20 from internal power pack; decibels: -10 to +6/0 to 16/10 to 26/20 to 26/30 to 46; electrostatic mfd.: .07/.35/1.4/3.5/7/14; electrolytic mfd.: 1.4/3.5/7/14. 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 1/4 x 7 1/4" 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 1/8 x 17 x 21 1/4". Shpg. wt. 40 lbs.

K21503—Your Cost Complete

\$95.01

MODEL 500 AUTOMATIC TUBE AND SET TESTER



Modern tube tester and complete point-to-point set tester. Tests ALL tubes—new, old and future—under fullload, each element; "hot" leakage and short tests; double "floating filament" selector. Meter ranges: A.C. and D.C. volts: 7/140/700/1400; d.c. milliamperes: 1/7/140/700/1400; ohms: 2000/20,000/200,000; megohms: 0/2/20 from internal power pack.

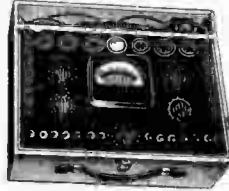
Has Decibel Ranges

Decibels: -10 to +6/0 to +16/+10 to +26. Leakage test on all condensers. Four output ranges. Bronze panel. Oak carrying case with handle, slip cover. Double-fused line cord. Full instructions, tube test chart and complete accessories included. Size, 7x14x18 1/2". For operation on 98/125 volts, 60 cycles a.c. Shpg. wt. 35 lbs.

K21506—Your Cost

\$65.61

MODEL 502 DE LUXE TUBE AND SET TESTER



Tests ALL tubes under standard R.M.A. loads with a double-floating filament selector circuit, which permits testing of 6A5G, 6P7, 5X4G, 5Y4G, etc., without extra sockets or adaptors. "Hot" short and leakage tests between all elements. New, 5" square, 1000 ohm/volt, English-reading meter. Scales read: a.c. and d.c. volts: 7/140/350/1400; ohms: 200/2000/20,000, first division .1 ohm on low range; megohms: 0/2/20 from internal power pack; meter leakage test for electrolytics, neon test for all other condensers.

Double-Fused for Protection

Meter reads "Good"—"Bad" for electrolytics; four output meter ranges. Bronze panel; oak carrying case. Double-fused a.c. line cord. Full instructions, accessories and complete tube test chart included. Size, 10 1/2 x 14 1/2 x 5". For 100/130 volts, 60 cycles, a.c. Shpg. wt. 20 lbs.

K21551—Your Cost

\$48.95

Model 502-S—25,000 Ohms Volt

Similar to the Model 502 described above, but equipped with an extremely sensitive, 25,000 ohm/volt meter.

K21586—Your Cost

\$53.85

MODEL 570 SIGNAL GENERATOR



A low-priced, high quality precision unit. Range, 125 kc. to 60 megacycles. Five fundamentals. Two harmonic bands for greater accuracy at extreme high frequencies. Circuit will not drift. Direct accurate calibration. Clean wave form. 400 cycle linear modulation at 30% without changing r.f. calibration. Demodulates perfectly. Can be externally modulated with audio beat frequency, pickup, microphone, etc. 400 cycle note available externally. Jack for external "wobblulation", such as Supreme model 529 Frequency Modulator.

Will Not Affect A.V.C. Circuits

Shielded ladder-type attenuator with vernier. Will not upset a.v.c. circuits. Complete with tubes, accessories and instructions. Double-fused a.c. line cord. Bronze panel; oak case. Size, 10 1/2 x 8 1/2 x 5". For 110/125 volts, 60 cycle a.c. Shpg. wt. 20 lbs.

K21513—Your Cost

\$31.31

MODEL 580 SIGNAL GENERATOR

Similar to above, includes 400 cycle oscillator, beat frequency audio oscillator (50-10,000 cycles), and electronic "wobbler." Can be used with any oscilloscope. Complete with all tubes and accessories. Shpg. wt. 40 lbs.

K21509—Your Cost

\$53.85

SUPREME MODEL 530 OSCILLOSCOPE For the New 2" Cathode-Ray Tube



Screen area over four times that of the 1" tube. For radio service work and amateur operators. Brilliant trace on c.r. tube. Perfect alignment unit for use with Supreme Model 580 or 570/529 Combination for double-image patterns; also for hum analysis, wave-form study, etc., and modulation percentage on amateur phone rigs. Controls: spot intensity, focus, horizontal and vertical spot adjustment, horizontal gain control, vertical amplifier with gain control. Linear response, 15 to 90,000 cycles. Maximum sensitivity, 1.7 volts per inch. Input impedance 500,000 ohms. 60-cycle sweep. External sweep can be used if desired. Voltage may be applied direct to both sets of deflecting plates. Pilot light. Bronze panel; oak case with handle. Double-fused a.c. line cord. Complete with 2" tube, 6J7 amplifier, 6T4 rectifier, simple, complete instructions and accessories. Size, 9 1/2 x 6 1/4 x 8 1/2". For 110/125 volts, 50/60 cycle, a.c. Shpg. wt. 20 lbs.

K21552—Your Cost Complete

\$29.35

SUPREME MODEL 535 OSCILLOSCOPE For the New 2" Cathode-Ray Tube



A complete cathode-ray oscilloscope. For use where a complete compact unit is required. Has every feature of the larger units. Very bright, clear images. Intensity, focus, horizontal and vertical spot adjustments. Horizontal and vertical amplifiers with gain controls, flat from 15/90,000 cycles. Direct access to vertical and horizontal plates via switches. Linear saw-tooth sweep; 7 ranges; 15/35,000 cycles with vernier. Includes 60-cycle sweep and provision for external sweep. Internal, external or 60-cycle synchronizing circuit. Condenser coupled input, impedance 500,000 ohms—horizontal and vertical. Maximum sensitivity, peak volts per inch, horizontal 1.8; vertical 1.7. Furnished with calibrated resonance screen, 2" cathode-ray tube, two 6J7 amplifiers, 885 sweep oscillator, 5T4 rectifier, complete accessories and simple instructions. Double-fused a.c. line cord. Bronze panel; oak case. Size, 12x7 1/2 x 9 1/2". For 110/125 volts, 50/60 cycles a.c. Shpg. wt. 20 lbs.

K21553—Your Cost Complete

\$48.95

SUPREME Testing EQUIPMENT

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/volt meter. 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. Size, 11x10 1/2 x 4 1/2". Shpg. wt. 15 lbs.

K21596—Model 551. Your Cost Complete \$38.17

MODEL 551-S—WITH 25,000 OHM VOLT METER

Similar to above, but equipped with an extremely sensitive 25,000 ohm per volt meter. Model 551-S. **\$43.97**

K21597—Your Cost Complete

MODEL 546—3 INCH OSCILLOSCOPE



A new full size, complete 3 inch laboratory type oscilloscope for all radio, P-A and television testing. Produces single or double image alignment patterns. Complete for hum analysis, wave form, sensitivity, demodulation, overload, output and all other r.f., i.f. and a.f. testing, etc. All controls on the front panel; extremely flexible. Focus and intensity controls; horizontal and vertical spot centering controls; amplifiers for both horizontal and vertical deflecting plates with graduated gain controls; input impedances—500,000 ohms at less than 20 mfd. linear amplifier response from 15 to 90,000 cycles. Direct access to both sets of plates for d.c. and high voltage a.c. measurements. Linear saw tooth oscillator 0 to over 30,000 cycles in 7 steps with vernier control for frequency observation to about 500,000 cycles. Maximum cathode-ray tube sensitivity:—horizontal .52 volts per inch vertical .47 volts per inch. "Snap lock" synchronizing circuit and control. Internal, external or 60 cycle synchronization. Bronze panel; polished oak case; 7 1/2 x 11 1/2 x 13 1/2". Fused a.c. line cord. For 110 v. 50/60 cycles a.c.

K21598—Model 546. Wt. 25 lbs. \$58.75
Your Cost

MODEL 575 DECADE BOX



A low cost precision instrument having many uses for the serviceman and experimenter. For determining proper values of resistors and capacitors to be substituted when original values of the needed parts are unknown. Eliminates guess work, saves time.

The instrument has an extremely extended range, from 1 ohm to 1 megohm in resistance measurement and from 0.00001 mfd. to 10 mfd. in capacity measurement.

Uses Both Decades at Once

Separate terminals for resistance and capacitance measurement permit the use of both decades at once when desired. Steps are one part in one hundred for the range being used. Model 575 is mounted in a hardwood case with detachable slip-hinge cover; can be mounted on a test bench and is easily portable. Panel is handsomely finished metal. Furnished with all accessories.

K21515 Model 575. Size: 13 1/2 x 12 1/2 x 6 1/2". Shpg. wt. 9 lbs. \$28.35
Your Cost

All Supreme Test Instruments can be purchased on an Easy Time Payment plan. Refer to pages 89-92 for details.

MODEL 530 "WOBBULATOR" (FREQUENCY MODULATOR)



This frequency modulator or "wobulator" will operate with any good r.f. oscillator, such as the Supreme Model 570, to produce single or double-image alignment patterns on any oscilloscope. It incorporates a fixed 600-

kilo-cycle oscillator, exclusive Supreme electronic "wobulator", exclusive automatic synchronizing sweep and phasing control. It is the only "wobulator" that automatically and electrically centers, phases, synchronizes and locks the picture on the screen of the oscilloscope.

Can Be Used With Any 'Scope

It features a variable band-width control calibrated from 1 to 30 kc. Can be used with any 1, 2, 3 or 5-inch oscilloscope. Does not use a "saw-tooth" sweep; hence, fully useful with Supreme 530 Oscilloscope. No moving parts. Bronze panel; oak case with leather carrying handle. Complete, simple instructions. Size, 6x7x6". For 110/120 volts, 60 cycles a.c. Shpg. wt. 15 lbs.

K21599—Model 529. \$21.51
Your Cost Complete

MODEL 595 P.A. AND RADIO ANALYZER AND TESTER



For P.A. and theatre amplifiers, radios and television sets. Analyzer uses rotary switch method direct from sockets. Also used as point-to-point tester. 54 ranges and tests. A.c. and d.c. volts: 5/25/125/250/500/1250; d.c. ma.: 5/25/125/250/500/1250; d.c. microamps: 200/250; d.c. amps: 0/12.5; ohms: 1000/10,000/100,000; megohms: 0/1/10 from internal battery; decibels: -10 to +6/0 to +16/+10 to +26/+20 to +36/+30 to +46, direct reading; electrostatic mfd.: .0125/.025/.05/1/25/25/5/1.25/2.5/5/12.5/25/50; elec. electrolytic mfd.: 1.25/2.5/5/12.5/25/50; six output ranges. Grid shift test. Illuminated 5 1/2 x 7 1/2", double-window, 5000 ohm/volt Quadrimeter. Double-fused a.c. line cord. Bronze panel; oak case with cover, 7x14x18 1/2". For 110/120 volts, 60 cycles a.c. Shpg. wt. 80 lbs.

K21508—Your Cost \$75.41

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. Oak carrying case with leather carrying handle. Can be used for bench, counter or portable. Double-fused a.c. line cord plug. With complete instructions and complete tube-testing chart. For operation on 100/130 volts, 60 cycles a.c. Dimensions, 9 1/2 x 18x4 1/2". With removable cover. Shpg. wt. 15 lbs.

K21600—Your Cost Complete \$36.21

MODEL 541 DE LUXE RADIO SET TESTER



A compact, accurate, fast set tester for all point-to-point circuit testing on all types of radio, P.A. amplifiers and television sets. Twenty-one ranges and functions. New 5" square, 1000 ohm per volt, high-accuracy, dead-beat, solid forged magnet meter. Real sapphire bearings. Excellent damping. Scales read: d.c. and a.c. volts: 7/140/350/1400; d.c. milliamperes: 1/7/35/140; ohms: 200/2000/20,000. First scale division .1 ohm, center scale 3.5 ohms on low range. Megohms: 2/20 operated from internal power supply. Four output meter ranges. Bronze panel; mottled brown meter case and control knobs to match. Oak carrying case with cover, leather carrying handle and accessory compartment. Ruggedly built for long, accurate life. Complete instructions and accessories included. Dimensions, 7 1/2 x 10 1/2 x 4 1/2".

K21601—Shpg. wt. 12 lbs. \$26.41
Your Cost Complete

Model 541-S—25,000 Ohms Volt Meter

Similar to above, but equipped with extremely sensitive 25,000 ohm per volt meter. **\$31.31**
K21602—Your Cost Complete

TRIPLET

MASTER SERVICE EQUIPMENT

Model 1241 Master Condenser Tester



With Test Leads

Complete tests for all condensers from .0001 to 30 microfarads. Checks for shorts, opens, leakages, breakdown and capacity. Break-down tests for electrolytic and paper condensers at rated working voltages. Defects indicated on direct reading meter with five scales. D.C. voltage for paper condensers up to 1000 volts in five steps; for electrolytics, up to 575 volts in nine steps. Line voltage regulator, with shadow indicator included. $7\frac{1}{2} \times 6\frac{1}{2} \times 4\frac{1}{2}$ ". Wt. 13 lbs.

K21487
Your Cost..... **\$26.95**

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; 1, 10, 50, 250 ma.; 0 to 500, 1500 ohms and 1.5 and 3 megs. A.C. scales: 10, 50, 250, 500, 1000 volts. Three jacks for volts, ohms, mls, and output volts. Self-contained batteries. New metal "Master" unit case. Shpg. wt. 12 lbs.

K21480—Wired, with batteries.
Your Cost..... **\$23.35**

K21481—Kit to build tester, less case, batteries. **\$17.96**
Your Cost.....

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. **\$28.74**
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 $7\frac{1}{2}$ megohms scales. **\$26.29**
Your Cost, Complete.....

Model 1200-E: Similar to model 1200-A but has 25000 ohms per volt d.c. instrument. High ohms scale reads 2 and 40 megohms. Also has 50 microampere scale. **\$30.55**
Your Cost, Complete.....

Model 1220A 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. **\$10.78**
Your Cost.....

K21483—Your Cost..... **\$10.78**

Model 1250 V.T. Voltmeter



With Tilt Meter

Features self-calibrating developments and no current draw. Circuit uses an absolute null method. Contains Triplet instrument, tilting type, with two separate movements. One instrument indicates when bridge is in balance, the other is a three range voltmeter with scales reading in peak a.c. and d.c. volts. Voltage ranges are: 2.5, 10 and 50 volts. Metal case $7\frac{1}{2} \times 6\frac{1}{2} \times 4\frac{1}{2}$ ". Complete. Wt. 13 lbs.

K21521—Your Cost..... **\$35.94**

Model 1251: Same as above, but with ranges of 5-15-75-300 volts.

K21561—Your Cost..... **\$46.72**

Model 1210A Tube Tester For Metal and Glass Tubes

An emission type tester with a $3\frac{1}{2}$ " D'Arsonval type meter having an English reading scale calibrated "Good" and "Bad". Will test all types of tubes, including the latest all-metal octal base types. Has provisions for making short and leakage test between tube elements. Tests are made quickly and accurately. Instrument is housed in an attractive metal case; all panel controls have etched scales. Furnished with complete set of instructions. For operation on 110 volts, 50-60 cycles a.c. Shpg. wt. 18 lbs.

K21488—Your Cost..... **\$21.56**

Model 1310 Portable Unit

A deluxe model using the same unit as the 1210A above, but in two-toned hardwood case with removable cover, sloping panel. 110 v., 60 cycles a.c. Shpg. wt. 18 lbs.

K21489—Your Cost, Complete **\$26.63**
For 110 volts, 25 cycle, add..... **\$6.37**
For 220 volts, 60 cycle, add..... **5.39**



Models 1231 and 1232 Direct-Reading Oscillator

Has frequency range of 100 to 30,000 k.c. in six bands; all fundamentals. Uses frequency stabilizing circuit. Modulated note is 400 cycles; jacks provided for obtaining this audio signal externally. Has long 12" direct-reading scale with vernier tuning. Models 1231 and 1232 have the same features except that 1231 is completely battery operated and therefore portable. All its batteries are self-contained. Model 1232 is designed to operate from the 110-volt 60-cycle a.c. line. Special, low-loss switching system on both models. Complete, ready to use—with instructions. Shpg. wt. 16 lbs.

K21477—Model 1231, with batteries and tubes. **\$25.16**
Your Cost.....

K21478—Model 1232, 110-volt a.c. oscillator. **\$26.95**
Your Cost.....

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**

Model 1260 Audio Oscillator

Similar in appearance to the model 1230 listed above, this portable unit generates a pure sine wave that is free from harmonics or distortion. Feed-back type circuit. Wide frequency range: 100 to 10,000 cycles. A.C. operated. Case size: $7\frac{1}{2} \times 6\frac{1}{2} \times 4\frac{1}{2}$ ". Complete with all test leads, 84 rectifier tube and instructions. Shpg. wt. 15 lbs.

K21517—Your Cost, Complete..... **\$27.76**

MASTER FOUR UNIT TEST SETS

Complete portable laboratories comprised of four Master units in various combinations. Ideal for the serviceman, for both shop and outside service work. All necessary test leads, instructions, etc. furnished.

Model 1206

A complete servicing laboratory in one case for bench or portable use. Includes Model 1200-A Volt-Ohm-Milliammeter, Model 1210-A Tube Tester, Model 1220-A Free Point Tester and Model 1231 Signal Generator. Case $17\frac{1}{2} \times 17 \times 6$ ". Complete with all accessories and instructions. Wt. 37 lbs.

\$86.73

Model 1205-A

Same as Model 1206 but with Model 1230 Signal Generator. Shpg. wt. 36 lbs.

K21484—Your Cost..... **\$78.08**

Model 1207

Same as Model 1206 but with Model 1232 Signal Generator. Shpg. wt. 37 lbs.

K21486—Your Cost..... **\$88.52**



K21485—Your Cost.....



Complete test laboratory. Contains a Volt-Ohm-Milliammeter, Free Point Auxiliary Set Tester, and All-Wave Oscillator. Has universal a.c.-d.c. meter with 400 micro-ampere 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 continuously variable from 110 to 18000 kc. in four steps. Positive attenuator permits accurate control of output at all times. Battery operated. All units in oak case $16\frac{1}{2} \times 7\frac{1}{4} \times 5\frac{1}{2}$ ". Shpg. wt. 19 lbs.

K21522—Your Cost, Complete with Batteries..... **\$40.99**

TRIPLITT

"DeLuxe" SERVICE EQUIPMENT

Model 1690 DeLuxe 2" Oscilloscope



A new, complete 2" cathode ray oscilloscope that meets every requirement for the visual study and adjustment of receiver circuit problems. Cathode ray tube in exclusive turret type mounting can be moved up and down or to either side. Extremely brilliant pattern provided on the 2-inch screen. Adjustable shield can be pulled out to project beyond the screen, enabling easy reading in the brightest daylight. The oscilloscope incorporates separately controlled resistance coupled vertical and horizontal amplifiers. Can be used with any type frequency modulated signal generator. 60 cycle a.c. operated. Linear sweep from 15 to 20,000 cycles. Sweep may be used through amplifier or direct with amplitude control. Positive lock. All controls on panel. Tubes: 25Z5, 885, 6J7, 6C6 and 24-XH. Metal case with black wrinkle finish, strap handle 15 1/2 x 12 x 6 3/8". Shpg. wt. 25 lbs.

K21565—Your Cost, Complete \$46.06

Above unit available in leatherette covered case at additional cost of \$3.92. Specify on order if desired.

Universal Pocket Volt-Ohm-Milliammeter Model 666

An actual pocket-size volt-ohm-milliammeter in a black Bakelite case. Provides a.c. and d.c. voltage ranges, d.c. milliamperage 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; a.c. volts, at 1000 ohms per volt, 0/10/50/250/500/1000; low ohms from 1/2 to 300, high ohms from 0/250,000; d.c. milliamperes 0/1/10/50/250. Provisions for external batteries for higher resistance measurements. Case measures 3 1/4 x 5 5/8 x 2 1/4" high. Panel is modernistic silver and black. Battery and test leads with alligator clips included. Shpg. wt. 4 lbs.

K10472—Your Cost \$14.70
K21579—Carrying Case.....\$3.53



Model 1601 DeLuxe Set Tester

Ultra-modern multi-purpose set tester. Following meter ranges available: D.C. volts 0-10-50-250-500-1000-2000 at 25,000 ohms per volt (A.C. volts 0-10-50-250-500-1000-2000 at 1000 ohms per volt; 0-250 d.c. microamperes; 0-1-10-50-250-500 d.c. milliamperes; 0-1-2-20 d.c. amperes; resistance from 0-500 low ohms, back-up circuit; 0-20,000-200,000 - 2 meg.-20 meg. ohms; capacity checking from .001 to 30 mfd.; electrolytic leakage test; decibels from minus 10 to plus 15. Free point tester makes all series and parallel meter connections through five sockets with standard RMA markings. Extra large dial and easily readable scales. Shadowgraph meter for line voltage tests also included. Black wrinkle finished metal case with removable cover. Size: 15 1/2 x 12 x 6 3/8". Complete with all accessories. Shipping weight 28 lbs.

K21562—Your Cost \$44.42

Above model available in leatherette covered case at additional cost of \$3.92. Specify on order.



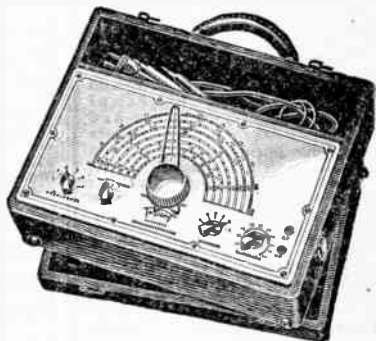
Model 1630 DeLuxe Oscillator

Extremely accurate signal generator—zero leakage. Triple shielding eliminates all leaks. Covers from 100 kc. to 30 mc. in six ranges. Unusually large dial has widely spaced divisions; total scale length of 52 1/2". Accuracy 1/2 of 1%. Each coil individually calibrated. Continuously variable attenuator of the pad type offers steps from zero output to full output. Silver and black etched panel. In metal case with black wrinkle finish. 15 1/2 x 12 x 6 3/8". Operates on 110 volts, 60 cycles a.c. Complete with test leads and instructions. Shpg. wt. 30 lbs.

K21563—Your Cost \$44.10

Model 1631: Same as 1630, but incorporates electronic frequency modulation. For use with cathode ray oscilloscopes. Modulation variable from 5 cycles to 40 kc. Either CW, 400 cycle internal or external modulation. Shipping weight 35 lbs.

K21564—Model 1631. Your Cost \$53.90
 Either of the above models available in leatherette covered case at additional cost of \$3.92. Specify on order.



LABORATORY TEST BENCH PANELS



Model 1402

Model 1404

Model 1403

These three attractively matched units simplify shop and laboratory test panel requirements. Any Triplitt Master or DeLuxe line tester can be included. Continuous panel set-up may be attained by bolting any two or more cabinets together. Test panel cabinet is 22x16x7 1/2" bottom and 5" top, and has handy draw for accessories. Cabinet is metal with attractive black wrinkle finish. Model 1209-A instrument is an a.c. voltmeter with ranges of 10-50-250-500-1000 volts at 40 ohms per volt; Model 1209-D instrument is a d.c. volt-ohm milliammeter with ranges of: 10-50-250-500-1000 volts d.c., 1000 ohms per volt; 1-10-50-250 milliamperes d.c.; 1/2 to 500 to 1,000,000 ohms.

Model 1402—As shown, less clamp-on lamp, with Models 1631 and 1690 instruments. Shpg. wt. 25 lbs. \$107.14
K21566—Your Cost.

Model 1404—As shown, less clamp-on lamp, with Models 1210-A, 1232, 1209-A and 1209-D. Shpg. wt. 25 lbs. \$85.91
K21568—Your Cost.

Model 1403—As shown, less clamp-on lamp, with Models 1630, 1209-A and 1209-D. Shpg. wt. 25 lbs. \$86.24
K21567—Your Cost.

K21569—Clamp-on lamp \$6.54

Model 1504 Multi-Purpose Tester

Combines in one instrument the equivalent of 10 separate units. Complete tube tests by the power output-emission method. Neon short test detects the slightest leakages. Metered paper condenser test (for shorts and opens). Electrolytic condenser leakage test. D.C. voltmeter range 0-10-50-250-500-1000 at 1000 ohms per volt. A.C. volts from 0-10-50-250-500-1000 at 400 ohms per volt. D.C. milliamperes from 0-50-250. Resistance from .2 ohms to 10 megohms in 5 ranges. Decibels from minus 10 to plus 15. Shadowgraph line voltage indicator. Complete free point tester in side panels for servicing all sets. 110 v., 60 cycles a.c. Etched panel. Housed in quartered oak case 15 1/4 x 11 1/8 x 7 1/2". Complete with accessories and instructions. Shpg. wt. 27 lbs.

K21520—Your Cost \$61.08

Model 1503: Same as Model 1504, but with two metal side panels instead of free point tester. **\$50.30**
K21516—Your Cost, Complete.

Model 1502: Power output-emission tube tester only. Same case as Model 1504. Shpg. wt. 25 lbs. **\$39.52**
K21519—Your Cost, Complete.



NEW! Ranger 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 18 1/2 volts to read up to 2 1/2 megohms. Batteries may be added to permit higher readings in 250,000 ohm steps. In black enamel metal case, 5 1/2 x 7 1/2 x 4 1/2". With carrying handle. Wt. 9 lbs.
K21572—Your Cost..... \$19.11



NEW! Ranger Model 440 All-Tube Tester

Checks ALL tubes speedily and accurately. Has direct reading "GOOD-BAD" scale Triplett model 221 instrument. Proper load values are applied to tubes under test. The circuit is designed to indicate all inter-element shorts and leaks. Four flush-mounted sockets provide for all tubes, one 5-6 in combination to minimize panel space. Has a.c. meter for line volts adjustment. Operates on 110 volts, 60-cycle a.c. In black metal case, 5 1/2 x 7 1/2 x 4 1/2". Wt. 9 lbs.
K21573—Each \$18.52



NEW! Ranger Model 540 D.C. Signal Generator

Has new plug-in coils peaked with trimmer condensers and individually calibrated to exceptionally low tolerances. 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



NEW! Ranger Model 640 Free Point Tester

Generally used with Model 740 Volt-Ohm-Milliammeter. Has 6 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. Extra connections can be made when necessary, at very slight cost. 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



NEW! Ranger Model 840 Foundation Oscilloscope



A practical foundation unit for engineers, sound and service men, amateurs and experimenters, who may wish to add external sweep and amplifiers for specific purposes. Has built-in 60-cycle sweep. Utilizes 913-type tube with 1" screen and 84 rectifier tube. Panel mounts controls for intensity, focus and sweep amplitude. Operates from 110 volts, 60 cycles a.c. In metal case with silver and black panel. Size, 5 1/2 x 7 1/2 x 4 1/2".
K21576—Less tubes \$11.17
 Your Cost.....
 RCA tubes for above: 1-913, 1-84.
Your Cost for Both..... \$5.86

RANGER 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. Each with strong leather strap handle and convenient built-in compartment with fitted cover.
Model 440-540 Tube tester and signal generator. Each is described above. Shpg. wt. 20 lbs.
Model 540-740 Volt tester and volt-ohm-mill.
Model 440-470 Tube tester and volt-ohm-mill.
Model 540-740 Free point tester and volt-ohm-mill.
Model 640-740 Free point tester and volt-ohm-mill.
Model 540-740 Signal Generator and volt-ohm-mill.
K21472 Your Cost Complete..... \$36.75



Ranger Model 557 All-Wave Signal Generator

With plug-in coils covers 110-20,000 kc. in 5 bands all fundamentals. 1% accurate for broadcast and intermediate; 3% for short-wave. Completely shielded. Includes all batteries and 2-30 tubes. Leatherette case, 12 x 6 1/2 x 5 1/2". Puts out both modulated and unmodulated signals.
K21470—Your Cost..... \$18.52



Ranger Model 735 Pocket Volt-Ohm-Milliammeter

Uses the Triplett d.c. precision meter with readings: 15-150-750 volts; 1.5-15-150 ma.; 0.5-1000 low ohms, 0-100,000 high ohms at 1.5 volts. Accuracy within 2%. Zero adjustment for ohm scales. Housed in black, molded case, 3 1/4 x 5 1/2 x 2 1/2" high. Silver and black panel. Test leads and battery included. Wt. 4 lbs.
K21471—Your Cost..... \$10.58
K21579—Leather carrying case. Your Cost..... \$3.53



Readrite Model 720A Radio Analyzers



Point-to-Point tests through an 8-conductor cable on ALL glass and metal tube sets. Employs two meters—rugged, compact and accurate. D.C. scales: 16-150-300-600 volts. A.C. scales: 10-25-150-750 volts. Leatherette case, 11 x 8 x 4 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 with ohm scale.
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 with ohm scale.
K21476—Your Cost..... \$21.76

READRITE No. 55 PANEL METERS

Are of the flush-mounting, clamp-on type. Require a 2 1/4" hole. Handsomely finished in bright nickel. All have narrow rim (a wide flange is listed below). D.C. units are the polarized vane, solenoid type. A.C. are double-vane repulsion type.



D.C. MILLIAMMETERS

No.	Range	List	Each
K11100	0-1	\$2.25	\$1.32
K11100	0-10	2.00	1.18
K11101	0-15	1.00	
K11102	0-25	1.00	
K11103	0-50	1.00	
K11104	0-100	1.00	59c
K11105	0-150	1.00	
K11106	0-200	1.00	
K11107	0-300	1.00	
K11108	0-400	1.00	
K11109	0-20/100	2.00	\$1.18
K11110	0-15/150/200	2.00	

D.C. AMMETERS

K11091	0-1	1.00	
K11092	0-3	1.00	
K11093	0-5	1.00	
K11094	0-10	1.00	
K11095	1-0-1	1.00	59c
K11096	3-0-3	1.00	
K11097	6-0-6	1.00	
K11098	10-0-10	1.00	
K11099	20-0-20	1.00	

A.C. MILLIAMMETERS

K11087	0-50	\$2.75	
K11088	0-100	2.75	\$1.62
K11089	0-250	2.75	
K11090	0-500	2.75	

A.C. AMMETERS

K11081	0-1	\$2.75	
K11082	0-3	2.75	\$1.62
K11083	0-5	2.75	
K11084	0-10	2.75	
K11085	0-50	3.25	1.94

D.C. VOLTMETERS

No.	Range	Ohms	Each
K11051	0-1	30	
K11052	0-3	175	
K11053	0-5	410	
K11054	0-6	550	
K11055	0-8	850	
K11056	0-10	1475	59c
K11057	0-15	2914	
K11059	0-25	1625	
K11060	0-25	7720	1.62
K11061	0-50	3250	.59
K11062	0-50	15440	1.94
K11063	0-100	6500	.88
K11064	0-100	30888	1.91
K11065	0-150	9750	1.03
K11066	0-150	46320	\$1.94
K11067	0-300	92640	
K11068	0-500	154400	\$2.65
K11069	0-60-300	92640	

A.C. VOLTMETERS

No.	Range	List	Net
K11072	0-4	\$2.75	
K11073	0-6	2.75	\$1.62
K11074	0-10	2.75	
K11075	0-15	2.75	
K11076	0-150	4.50	2.65
K11077	0-300	5.50	3.23
K11079	0-750	7.75	4.56
K11080	0-10-140	4.50	2.65

WIDE FLANGE FOR 55s
 2 1/4" outside diameter. Black enamel finish.
K11041—Each..... 9c

Readrite Model 430 All-Tube Tester



Tests ALL tubes including 8 prong metal and glass metal types with actual load values on "Good-Bad" meter and also for leaks and shorts. Uses Triplett Model 221 meter protected against damage. Shadow-type meter for line adjustments. Quartered oak, portable case with cover. Size, 8 1/2 x 8 x 6 1/2". For 110 volts, 50/60 cycles a.c. only. Shpg. wt. 18 lbs.
K21468—Your Cost \$19.41
Readrite No. 431 Tube Tester
 Same as above, but with Readrite "Good-Bad" meter. Wt. 18 lbs.
K21469—Your Cost..... \$15.58

RCA Test INSTRUMENTS RCA

No. 151 CATHODE RAY OSCILLOGRAPH



Align receivers visually—check distortion and hum—see what you're doing with this modern X-ray of radio. Utilizes the RCA type 913 cathode ray tube having a one-inch screen. High sensitivity—1.75 volts (RMS) for full scale deflection. Vertical and horizontal amplifiers and timing axis have flat response curves from 30 to 10,000 c.p.s. Individual amplifier and centering controls. Small spot diameter, sharp focus; calibration screen and light shield. Tubes used: 1-913, 1-885, 2-6C6's and 1-80. Complete with all instructions. Gray wrinkle finish metal case. Wt. 16 lbs.

K21548—Your Cost, With all Tubes.....\$47.50

ELECTRONIC SWEEP TEST OSCILLATOR No. 150



The new electronic sweep circuit incorporated with the unit makes the oscillator adaptable for use with all types of cathode ray oscillographs, eliminating the need for a separate frequency modulator. Frequency range 90 to 32,000 kc. (9.4 to 3300 meters) on fundamental frequencies only; six band range. Internal 400 cycle, or external amplitude modulation. High r.f. output—0.25 volts; negligible leakage; three-step attenuator plus continuously variable control. Indirectly illuminated 4" dial with two vernier ratios, 2:1 and 5:1. All bands individually calibrated. Tubes used: 6A7, 6F7, 2-6C6's and an 80. Gray wrinkle lacquer steel cabinet 13 3/4" long, 9 1/4" high, 7 1/2" deep. 110 volts, 50/60 cycles, a.c. Shpg. wt. 19 lbs.

K21547—Your Cost, with Tubes.....\$64.50

Cathode Ray Oscillograph



Uses type 906 cathode-ray tube (3-inch). For measuring frequency and magnitude of hum, etc. Has two amplifiers for vertical and horizontal sensitivity; uniform frequency range from 20 cycles to 90 kc. Timing axis range from 20 to 15,000 cycles controlled from front panel. Amplifiers use: 1-879, 1-885, 1-80, 2-57's. Operates on 110 volts, 50/60 cycles a.c. Size: 10 1/2"x6x16". Shpg. wt. 35 lbs.

K21455—Type 9545. Complete with all tubes and Cathode Ray Tube.....\$84.50

Your Cost
K21449—Wide Sweep Range Oscilloscope, 4-18,000 cycles. Type 9641.....\$110.00
Your Cost

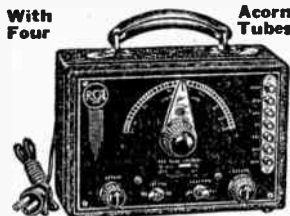
Piezo-Electric Calibrator

An accurate instrument for calibrating receivers, test oscillators and laboratory apparatus. Consists of a crystal oscillator, properly ground and accurately calibrated. Checks frequencies from 100 kc. to 20,000 kc. in 100 kc. steps; 100 kc. to 50,000 kc. in 1000 kc. steps. Each of these has prolific harmonics which can be used. Each instrument individually calibrated; **guaranteed accuracy .05%**. Provision for unmodulated operation provided. Amplifier uses type 955 acorn tube. Operates on 110 volts, 60 cycles a.c. In Bakelite case 5 1/2"x3 1/2"x2 1/2". Shpg. wt. 4 lbs. RCA No. 9572.



Piezo Calibrator, with tube.....\$29.95
K21452—Your Cost.....

Audio Beat Frequency Oscillator



The RCA Beat Frequency Oscillator is ideal for any application requiring a source of a.c. of frequencies ranging from 30 to 15,000 c.p.s. Features include the use of four acorn tubes, reducing space requirements and permitting efficient arrangement of components; a neon lamp provides an accurate check of dial readings against the line frequency; dial controlled by a 5:1 ratio vernier. Used for measuring receiver and amplifier fidelity; checking transformer frequency characteristics and a host of others. Range is from 30 to 15,000 c.p.s. (within 1 db from 120 to 10000 c.p.s.; down 3 db at 30 c.p.s. and down 2 db at 15000 c.p.s.). Max. output 60 milliwatts. Accuracy: 5% from 1000 to 15000 c.p.s., 10% from 30 to 1000 c.p.s. Output impedances: 250, 500 and 5000 ohms center tapped to ground. Tubes used: 2-955's, 2-954's, 1-84, 1-neon lamp. In portable steel case 6 1/2"x3 1/2"x4 1/2". Black wrinkle finish. For operation on 110 volts, 50-60 cycles a.c. Shipping weight 11 lbs. RCA No. 9633.

K21456—Your Cost, Complete with Tubes.....\$64.50

Test Oscillator No. 9595

A compact, self contained r.f. oscillator for use with all types of radio receivers. Incorporates all equipment necessary for use with oscillograph. Range covers from 90 to 25,000 kc. (3300 to 12 meters) in 8 steps. Individual coils for each range. Dial calibrated in frequency and is accurate to within plus or minus 3%. Dial has vernier adjustment allowing ratios of 6:1 and 20:1. Circuit employs two 30 tubes and requires one 22 1/2 volt "B" battery and one 4 1/2 volt "C" battery. Signal modulated or unmodulated. In black wrinkle finished aluminum case 8 1/2"x9 3/4"x4 1/2". Shpg. wt. 10 lbs.



K21453—Oscillator with tubes, less batteries.....\$34.50
Your Cost
K20108—4 1/2-volt "C" battery.....26¢
K20106—22 1/2-volt "B" battery.....65¢
Your Cost
Each

"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"x2 1/2"x2 1/2". Complete operating instructions furnished. Shpg. wt. 3 lbs. **K10595.....\$4.00**
Your Cost



RCA Frequency Modulator

For aligning receivers with RCA oscillograph. Provides the necessary frequency variation and the a.c. synchronizing voltage. Combined motor-driven a.c. generator and variable capacitor. Two ranges 22.5 and 45 mmfd. 25 sweeps per second. 14" low capacity cable supplied. Generator frequency is two cycles per revolution permitting positive synchronizing for double sweep alignment. Generator voltage 1.5 volts minimum. Size: 8 1/2"x9 3/4"x4 1/2". Shpg. wt. 8 lbs. **K21450—RCA No. 9558. Your Cost.....\$27.50**



NEW! 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 on a full 3" screen; it has a sensitivity of .38 volt and is interchangeable with the type 913. Amplified sweep consists of a type 88 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 1/4"x7 1/2"x13".

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" Oscilloscope complete with tubes, accessories, instructions. 110 v. 50/60 cycles a.c. Wt. 25 lbs. **K21557.....\$63.21**
Your Cost



Du Mont Cathode Ray Tubes

Electron lens focus type, interchangeable with corresponding types.

Type No.	Screen Size	Length In.	Your Cost
24-XH	2"	7 3/4"	\$ 7.50
34-XH	3"	11 1/2"	15.00

NEW! 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

Modern all PURPOSE Test Instruments

Hickock Radio-Audio Oscillator Model OS10



Covers 85 kc. to 50 megacycles in 7 ranges. Accuracy $\frac{1}{2}$ of 1%. Output from $\frac{1}{2}$ micro-volt to 3 volts. 2 oscillators for modulation; one 400 cycles and the other 0-10,000 cycles. Output

meter calibrated in db from minus 10 to plus 15 and 12-40 db. Oscillator is the electron-coupled type and is provided with an r.f. corrector to insure direct reading on the dial. This method permits an accuracy of 0.2 of 1%. Uses 41, 6C6, 6D6 and 1V. For 110/120 volts, 40/65 cycle a.c. Complete with all cables and instructions. 11x5x5 $\frac{1}{4}$ " deep. Shpg. wt. 16 lbs. **K21494**—List \$82.50

Your Cost **\$48.51**

Model OS-12 Oscillator

Similar to above, but less db meter.

K21587—
Your Cost **\$38.22**

NEW! HICKOCK ZERO-CURRENT SERVICE VOLTMETER

With this instrument voltages from 0.1 to 250 volts can be measured without drawing any current, thus making possible accurate analyses of the new circuits. Absolutely essential in servicing modern receivers with high-fidelity audio circuits, a.v.c., a.f.c., and silencing circuits. In addition, measures a.c. and d.c. voltages: 2.5/10/250/2500 at 1000 ohms per volt; a.c. and d.c. current: 1/5/50/500 ma.; 5 ranges of resistance: .05 ohms to 10 megohms; 5 capacitance ranges: .0001 to 200 mfd.; 5 ranges of output to 1000 volts. Uses new square, 4" meter accurate within 1%. In sturdy wood case, 12 $\frac{1}{2}$ x10x5". Complete with instructions and all necessary accessories. Shpg. wt. 12 lbs.



K21588 List \$82.00
Your Cost Each **\$48.22**

Radiart Vibrator Checker

Here is an instrument that is greatly needed by the radio serviceman—a vibrator checker that actually makes EVERY test simply and quickly. Checks ALL auto or 6-volt household vibrators—half-wave, full-wave, synchronous, non-synchronous, shunt, series, or driving point, regardless of lead or prong arrangement. It tests for shorts, sticking contacts, unsteady output, low output and poor starting. Intermittent operating vibrators will be caught. Only two switches and a meter compensator need be set for making all tests. A large meter gives instant indication in English—"Good", "Weak" and "Bad." The entire unit is portable and convenient to use. It can be placed either on a counter or mounted on a panel. Size, 7 $\frac{1}{2}$ x8 $\frac{1}{2}$ x2 $\frac{1}{2}$ ". Shpg. wt. 7 lbs.



K21589—List \$37.50
Your Cost **\$19.50**

Dependable Tube-Tester—Multitester MODEL 321



A complete servicing unit. Tests ALL tubes under load conditions—all elements for opens, leaks, shorts and NOISE; hot cathode leakage test by both neon and meter; hum test. Is double-fused. Smooth line voltage control. Free, floating filament circuit and other features guard against obsolescence. Multitester offers: 5 a.c. and d.c. voltage ranges: 5/25/125/500/1250; 4 ohm ranges: 0/100/25,000 ohms, 0-2.5/25 megohms. Ohms read as low as .05. 0-500 microamps; 5/25/250 d.c. ma.; 0/2.5/25 d.c. amperes.

Leakage test for electrolytics, paper and mica. Output ranges same as a.c. volts. Measures db from down 15 to up 10. In wood portable case. For 110/120 volts, 50/60 cycles a.c. **K21590**—Shpg. wt. 18 lbs.
Your Cost **\$48.50**

DEPENDABLE MODEL 306C TUBE TESTER

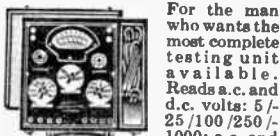
Counter model tests ALL tubes under rated load on English-reading meter using floating filament circuit. Guaranteed not to become obsolete prior to 1942! Hot inter-element short and leakage tests. Tests cold cathode rectifiers. Line voltage control. Measures resistance, capacitance and condenser leakage. Uses only 3 controls. For 105/135 volts, 60 cycle a.c. Beautifully designed panel. Size, 9x12x5". **K21603**—Completed
Your Cost **\$21.50**
K21604—Kit form \$17.50



Model 306P Portable—Counter Tester

Similar to model 306C, but designed for both portable and counter use. Removable cover and compartment for tools and tubes. Complete with instructions.
K21605—Your Cost **\$24.00**

DEPENDABLE MASTER "410" MULTITESTER



For the man who wants the 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-ampere^s, 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 selective analyzer unit. Measures both a.c. and d.c. micro-amperes, milliamperes and amps. Provides maximum insurance against obsolescence by having its metering system entirely independent of the testing unit. Current, voltage, resistance and capacitance measurements accurately made at all socket terminals.
K21591—
Your Cost **\$40.43**

Dependable Model 701 Signal Generator



125 kc. to 60 megacycles. 5 bands on fundamentals, 125 kc.-15 mc. 4 $\frac{1}{2}$ " full-vision direct-reading dial—no charts. Output can be modulated or unmodulated. 30% modulation 400 cycles, sine wave from self-contained independent 400 cycle circuit. Attenuation in calibrated steps. 1 microvolt- $\frac{1}{2}$ volt. Provision for external sweep and wobulator for oscillography. Fully shielded. For 110/120 volts, 50/60 cycle a.c. Gray cabinet.
K21592—
Your Cost **\$29.35**

Dependable "405 A.C." Volt-Ohm-Milliammeter AC-DC



A thirteen-range a.c.-d.c. instrument for the serviceman who is anxious to economize on equipment without sacrificing accuracy. The model 405 AC is very compact and is convenient to take out for general test purposes; it is light in weight and simple to operate. Its D'Arsonval meter is accurate within 2% and the dial is calibrated for direct reading in ohms, volts and milliamperes. A.C. volts: 2.5/7.5/25/125/250; d.c. volts: 2.5/25/125/750; d.c. ma.: 25/125; ohms: 1000/100,000. Reads as low as $\frac{1}{2}$ ohm. With zero adjustment and self-contained battery. 5 $\frac{1}{2}$ x8 $\frac{1}{2}$ x3". Wt. 3 lbs.
K10460—Each **\$10.73**

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. Self-contained battery furnished. Low ohms read 0.1 ohm for each of first ten divisions. Incorporates 2 $\frac{1}{2}$ " Bakelite cased D'Arsonval meter with 2% accuracy. Zero adjuster. Bakelite panel and welded steel morocco finished case, 3x5 $\frac{1}{2}$ x2 $\frac{1}{2}$ ".
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

Similar in appearance and size to model 408 described above, but equipped with a.c. volt scale: 1/5/50/500/1000 in addition to all scales listed above. Low a.c. range, 0-1, for small output measurements.
K10500—
Your Cost **\$13.62**
The above unit in "build-it-yourself" kit form with diagrams and simple-to-follow instructions.
K10501—
Your Cost **\$8.33**

NEW TRANSCO 2" OSCILLOGRAPH KIT

Uses the new DuMont 2" cathode-ray tube. Easy to assemble and wire. Has built-in "saw-tooth" sweep circuit, wide range vertical amplifier, linear sweep with 5-position switch, sweep amplitude control, positive self-locking synchronization circuit. In metal case with etched metal panel. Size, 8 $\frac{1}{2}$ x8 $\frac{1}{2}$ x8 $\frac{1}{2}$ ".
K21542—Complete kit of parts with metal case. With instructions.
Your Cost, Less Tubes **\$21.95**
Kit of tubes: 1-6J7, 1-6K7, 1-80, 1-885, 1 DuMont 24-XH. Your Cost **\$11.42**



Clough-Brengle-TEST INSTRUMENTS

MODEL CRA CATHODE-RAY OSCILLOGRAPH



Is complete for every servicing, experimental and transmitting radio need as well as industrial application. Permits study of wave forms of frequencies at 100,000 cycles or higher. Combines in a single housing two input amplifiers, linear sweep circuit and power supply for all tubes. Employs a 906 (3") cathode-ray tube, a 67, a 2A5, an 885, an 80 and an 81.

Uses Calibrated Screen

Housed in a black baked crystalac carrying case with etched black and aluminum front panel. Size 14 1/4" high, 17 1/4" deep, 8" wide. Furnished complete with 60-page instruction manual and removable calibration screen. Power supply operates from 110 volts, 50/60 cycles a.c.

K21462 Model CRA oscilloscope with all tubes and instruction manual Shpg. wt. 32 lbs. **\$77.90**
Your Cost

FREE! With each CRA, a copy of "Cathode Ray Testing and Analysis."

MODEL 105 CATHODE-RAY OSCILLOGRAPH



One of the latest low cost, COMPLETE oscillographs. Contains: linear sweep circuit, dual amplifiers, synchronizing circuit, beam centering control, five tubes. Uses the new 1-inch screen type 913 cathode ray tube. Input sensitivity .68 volts (RMS) for full scale deflection. Amplified and compensated linear sweep, range from 15 to 30,000 c.p.s. with automatic synchronization for positive locking of image. Amplifiers flat over an extremely wide range. Complete selection of the circuits by switches. In black baked crystalac finished metal case 8 7/8 x 9 3/4". For 110 volts, 60 cycles a.c. Shpg. wt. 28 lbs.

K21549—Your Cost, With Tubes

\$47.92

MODEL 111 FREQUENCY MODULATOR

Improved electronic frequency modulator for use with signal generator and cathode-ray oscilloscope in making visual measurements of receiver and amplifier circuits. Sweep width 0-50 kc. by means of a calibrated dial. Fundamental frequency at 1650 kc. (outside broadcast band). Band-pass filter eliminates objectionable beats and harmonics. Circuit employs a 6C5 oscillator, a 6K7 control tube, 2-76's in a frequency changer circuit and a 6X5 rectifier. Three position ladder attenuator governs output (ratio 10 to 1 per step). Two internal balancing controls allow replacement of tubes without upsetting accuracy of instrument. In steel case with dark green finish. Size: 9 1/2 x 11 1/4 x 8 1/4". 115 v., 60 cycles a.c. Wt. 23 lbs.



K21583—Your Cost, With Tubes

\$35.77

MODEL 79-B AUDIO SIGNAL GENERATOR



A new, improved audio oscillator for making accurate audio measurements. Frequency range continuously variable from 0 to 15000 c.p.s. Output 120 milliwatts adjustable from 0-24.5 volts across 5000 ohms impedance. Adjustable for zero beat to compensate for temperature variations. Uses type 6E5 electron eye zero beat indicator. Less than 5% distortion at all frequencies above 50 kc. Flat within 1/2 db from 50 to 10000 c.p.s. and within 2 1/2 db of 400 cycle level from 25 to 15000 c.p.s. Circuit uses 4-6C5's, 1-6E5 and 1-6X5. Tubes pre-aged for stability. Load impedance 5000 ohms. Housed in metal case finished in green crystalac. Size: 12 1/4 x 8 1/2 x 7 1/4". Shpg. wt. 26 lbs. For 115 volts, 60 cycles a.c. With tubes.

K21457—Your Cost

\$55.37

MODEL 110 SIGNAL GENERATOR

A new precision signal generator designed for quality measurements of the highest order. Frequency range, in fundamentals, from 100 kc. to 81 mc. Direct reading dial accurate to within 1/2 of 1%. Perfect 5-band calibration on two large scales. 400-cycle 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. R.F. output continuously variable by vernier and 4-step ladder attenuator from minimum to 100,000 microvolts on ALL bands. No uncontrollable high tap. Tubes used: 76 oscillator, 6X5 rectifier, 6N7 modulator. Perfectly shielded throughout; absolutely no strays. Other features include: Roto-inductor switching, by which all coil contacts are made directly to oscillating circuit (no band switch losses); air trimmer on each band; adjustable iron core r.f. coils; double line filter. Housed in metal case finished in dark green crystalac; etched silver designation plates. Size: 9 1/4 x 15 1/4 x 7". Complete with tubes and instructions. Shpg. wt. 28 lbs. 110 v., 60 cycles a.c.



K21581—Your Cost

\$42.63

MODEL 120 SUPER-ANALYZER 20,000 Ohms Per Volt



A new super-sensitive test instrument. Employs new square type open faced meter having a solid magnet, an etched scale and knife edged pointer. Following ranges available: **D.C. Volts** from 0-3.5-7-35-140-350-1400 at 20,000 ohms per volt; **A.C. Volts** same range as d.c. volts, at 7000 ohms per volt; **D.C. Milliamperes** from 0-.07-.7-7-35-350; **Ohms** from 0-3000-30000-3 mega.-30 mega. Reads to plus 6, with multipliers for plus 6, plus 20, plus 32, plus 40 and plus 56 db; accuracy 2% of full scale deflection. Built-in blocking condenser allows for use as an output meter. All ranges are immediately available by means of positive contact rotary switches. One ohmmeter setting serves for all ranges; accuracy of ohmmeter scale not affected by battery condition. Uses two standard 7.5 volt units and one 1 1/2 volt cell (not furnished). 4-ft. test leads supplied. In metal case finished in dark green crystalac. 9 1/2 x 8 x 4 1/4". Shpg. wt. 14 lbs.

K21582—Your Cost (less batteries)

\$42.63

NOTE: A complete correspondence course on cathode ray oscillography, prepared by one of the leading schools in the country, will be given FREE with every purchase of a Clough-Brengle test instrument. This course, in addition to having a high money value, will prove of great assistance to the technician. We can supply Clough-Brengle laboratory test racks, built using any combination of C-B instruments. Complete descriptive catalog will be sent immediately on request. These catalogs are FREE of charge.



DeLuxe MPX Tube Tester



phones for this purpose.

Combination portable and counter type instrument that makes extensive tests of all types of receiving tubes. Results of tests shown on English reading scale ("Good", "Bad"). Has neon tube indicator for shorts and leakage; also features new "Stethoscope" that allows customer to actually hear noisy tubes—jack on panel permits connection of Tests for tube shorts, leaks, noise, intermittent opens and output at manufacturer's specifications. Also has provisions for checking for leakage and forming of electrolytic capacitors. Contains continuity testing facilities (built-in power supply—no batteries), 1000 to 1 megohm, with 5 meg. sensitivity. All rotary switches have double contacts; all button switches have solid silver contacts. Any tube is checked by setting only three pointers. Line voltage adjuster built-in. Housed in leatherette covered case 5 1/2 x 12 x 1 1/2". Removable cover. Complete with instructions. For 110 volts, 60 cycles a.c. Shpg. wt. 13 lbs.

K21584—Your Cost

\$38.71

MODEL OC-A R.F. SIGNAL GENERATOR



A precision instrument hand calibrated against a crystal oscillator. Range from 100 kc. to 60 mc.; fundamental output to 30 mc. Micro-vernier dial assembly gives 25" tuning length per band. Accuracy 1/2 of 1%. Dual attenuators give smooth control of r.f. output. Maximum r.f. output 100,000 microvolts, flat over all bands. Audio output 400 cycle pure sine wave, adjustable from 0 to 1.2 volts. Five ranges governed by a roto-inductor switch. Uses 1-6C5, 1-6N7 and 1-84. Metal case finished in green crystalac, 7 1/2 x 10 1/2 x 6 1/4". Shpg. wt. 17 lbs. Complete with tubes. For 115 volts, 60 cycles a.c.

K21459—Your Cost

\$29.35

Model OD-A—Same as above, battery operated. With tubes.

K21461—Your Cost

\$29.35

Meter WESTON Analyzer

THE STANDARD OF COMPARISON

WESTON "772" ANALYZER

Incorporates a meter having a sensitivity of **20,000 ohms per volt!** Ranges: 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. milliamperes, 10-50-250; d.c. microamperes, 50-100-1000; ohms, 0-3000-80,000-3 meg-ohms-20 megohms; output meter ranges, 2.5-10-50-250-1000 available through pin jacks. Measures r.f. microamperes in detector diode circuit, diode currents in a.v.c. circuits and a.f.c. Etched black panel, red and chrome trimmings mounted in wood carrying case, 15 1/2 x 5 1/2 x 8 3/4". Shpg. wt. 11 lbs. Complete with accessories and instructions. **K21523—List \$69.50**
Your Cost..... \$52.13



WESTON CHECK MASTER

Model 771. A new tube checker for portable or counter use—it checks all tubes; measures circuit voltages; indicates condenser leakage; and makes resistance set analyzer. Combines in one unit a reliable tube tester and a complete servicing instrument. It measures a.c. line voltage, indicating variations from 105 to 135 volts. It has three d.c. voltage ranges: 0-10, 100 and 1,000; and an ohmmeter covering the range of 0-2,000,000 ohms. In testing tubes the neon short checker permits tests to be made while the tubes are hot. Tubes are tested by one of three classifications; either battery—cathode or diode types. A filament return selector takes care of all filament problems. Size, complete in portable case, 14 1/2 x 9 1/2 x 6". Shpg. wt. 16 lbs. **K21529—**
Your Cost..... \$55.13



WESTON OSCILLATOR

Model 692 All frequencies—from 100 kc. to 22 megacycles. Low minimum signal—attenuated below 1 microvolt, permitting alignment of a.v.c. receivers below the a.v.c. point. Set functions normally while being aligned. High maximum signal approximately 0.2 volt, necessary to drive an i.f. signal through a receiver from ANT. and GND. posts. Battery operation—permitting complete portability and usefulness under all conditions. Percentage of modulation is 50% at all frequencies. Hand calibrated curves. External modulation permitting use of phonograph for determining a.f. characteristics of receivers in conjunction with RCA constant frequency records for studying. Shpg. wt. 14 lbs. **K21527—Less Portable Case. \$51.56**
Your Cost..... \$4.13
K21528—Portable Case for above. \$4.13
Your Cost..... \$4.13



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.; 0-5000-50,000 ohms full scale. 35-3500 ohms center scale. Shpg. wt. 15 lbs. **K21580—Each \$28.80**



WESTON MODEL 775 SERVISSET A Combination Analyzer and Tube Checker

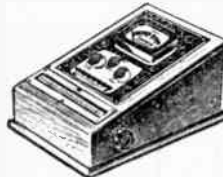


In a polished wood case with real luggage handles. The analyzer (Model 772) incorporates a meter having a sensitivity of **20,000 ohms per volt!** Draw: negligible current. Following meter ranges are available: d.c. volts at 20,000 ohms per volt, 2.5/10/50/250/1000; a.c. volts at 1000 ohms per volt, 2.5/10/50/250/1000; d.c. ma., 10/50/250; d.c. microamps, 50/100/1000; ohms, 0/3000/30,000/3 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 nest 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—it can't become obsolete! **K21556—Model 775. For 110 v., 60 cycles. \$104.25**
Your Cost, Complete..... \$104.25

WESTON MODEL 773 TUBE CHECKERS

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 the future with a spare socket. Emission-type test under load; checks each element for noise; neon short test; cathode leakage; wired for rotating filaments; double-fused for protection; line voltage adjustment. New "rotator-type" tube charts gives all data at a glance. Case of highly polished solid wood. Designed for operation on 110/20 volts, 50/60 cycles a.c. **K21555—Model 773-2—**
Your Cost..... \$58.13



PORTABLE TYPE—Model 773-1. Similar to above, but mounted in hardwood carrying case. Less "rotator-type" tube chart. With compartment for spare parts. **K21554—Your Cost Complete..... \$53.81**

Precision Multimeter

Series 830
1000
Ohms
Per
Volt



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 1/2 ohm; high ohms, 0-300,000; self-contained battery; zero adjustment. Leatherette case, 4 1/2 x 7 x 2 1/2". Crystal gold and black panel on heavy brass. **K21570—**
Your Cost..... \$10.73

Precision Series 700 Electrometer



Complete tube tester with set analyzing features. Tests ALL tubes on 4x4 1/2" Engridin; D'Arsonval meter, 2% accuracy. All tests under load with hot tube. Noise, leakage, shorts. Line adjustment, 1000 ohm per volt meter reads: 10-50-250-1000 a.c. and d.c. volts; 10-50-250 ma.; d.c.: 0-400 ohms, 0-1-10 megohms; -10 to +63 db in 4 ranges; outputs: 10-50-250-1000. Hardwood carrying case, removable cover; 12x11x6". Tube tester for 110 volts, 60 cycles a.c. **K21571—**
Your Cost..... \$48.63

PRECISION SERIES 840 MULTIMETER

2,500 VOLTS A.C. AND D.C.



Meter has D'Arsonval movement accurate to within 2% and is housed in Bakelite case, 4x4 1/2". Resistance, 1000 ohms per volt. A.C. volts: 10/50/250/1000/2500; d.c. volts: 10/50/250/1000/2500; d.c. current: 10/50/250/1000 milliamperes; d.b. ranges: minus 10-plus 15, plus 4-plus 29, plus 18-plus 43, plus 30-plus 65, plus 38-plus 63; output ranges: 10/50/250/1000 volts; resistance ranges: 0-400 ohms (20-ohm center) by the shunt method (as low as 1/2-ohm can be read), 0-1 megohm, 0-10 megohms. Low and medium ohm scales use a 4 1/2-volt battery, high uses a 45-volt battery—both batteries in the case.

Model 840—Precision Multimeter with all instructions, less test leads and batteries. Portable Model. Shpg. wt. 7 lbs. \$21.51
K21558—Your Cost..... \$21.51

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

CI POCKET-SIZED VOLT-OHMMEETER

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..... \$2.49



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 1/2". Wt. 4 lbs. **K11450—Each..... \$7.78**

Simplex Volt-Ohmmeter. 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 1/2". **K11452—Each..... \$3.23**

Pocket Volt-Ohm-Milliammeter. Moving coil type reads 15-150-450 volts a.c. or d.c.; 0-20-100-100,000 ohms; 0-15 ma.; .01 to 20 mfd. Bakelite case, 1 1/2 x 2 1/2 x 2 7/8". 30" test leads. **K11453—Each..... \$7.93**

PRECISION PANEL METERS

WESTON MODEL 301

A.C.-D.C. METER



Rectifier type. Used with external shunts and multipliers. Moving coil unit with self-contained rectifier. Alone reads 5

volts and 1 ma., a.c., and 50 millivolts and 1 ma., d.c.

K10774—Your Cost..... \$13.97

FOUNDATION 0-1 MA. METER

1 ma., at 50 millivolts. Reads 50-250-1000 volts; 100,000 ohms. Less resistors.

K10772—Your Cost..... \$7.35

0-1 D.C. MA. METER

Type 301, 3", flush mounting.

K10675—Your Cost..... \$7.35

2" 0-1 MILLIAMMETER

Type 506, 2", flush mounting.

K10817—Your Cost..... \$6.25

WESTON MODEL 301's D.C. MILLIAMMETERS

No.	Range	List	Net
K10675	0-1	\$10.00	\$7.35

K10679	0-5	9.00	\$6.61
K10680	0-10	9.00	
K10681	0-15	9.00	

K10685	0-50	9.00	\$6.61
K10686	0-100	9.00	

K10688	0-200	9.00	\$6.61
K10691	0-500	9.00	

D.C. VOLTMETERS

K10607	0-10	9.00	\$6.61
K10608	0-15	9.00	
K10615	0-150	11.25	

MICRO-AMMETERS

K10701	0-200	14.25	\$10.48
K10702	0-500	14.25	

A.C. VOLTMETERS

Stock No.	Approx. Volts	Ohms /Volt	Your Cost
K10752	15	14	\$6.61
K10758	150	105	\$8.27

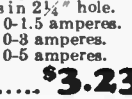
WESTON Model 301 Decibel Meters

3 1/2" Round meter in Bakelite case. Indicate directly the relative strength of a given signal to a standard reference signal of 6 milliwatts in a 500 ohm load. Self-contained rectifier type, having a scale reading in db: -10-0-+6 db. High speed meter for peak measurements (broadcast monitoring, etc.); slow speed for receiver measurements, etc. (highly damped). Wt. 2 lbs.

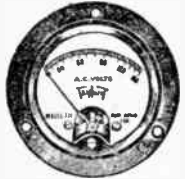
K10593—General Purpose Your Cost..... \$15.00

K10591—Slow Speed K10592—High Speed Your Cost Each..... \$18.37

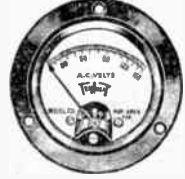
HOYT Hot-Wire Antenna Ammeter



For measuring the output of small transmitters. Not affected by variations in frequency. 3" overall diameter; mounts in 2 1/2" hole. **K10445—Range, 0-1.5 amperes. K10446—Range, 0-3 amperes. K10447—Range, 0-5 amperes. Your Cost..... \$3.23**



TRIPOLET PANEL TYPE PRECISION METERS



Incorporate precision engineering, the finest materials and workmanship. Bakelite cases, all terminals molded in, sapphire jewels in adjustable screws. Accuracy within 2%. Models 321 and 331 are 3 1/2" diameter (flange), Models 231 and 221, 2 3/4".

D.C. VOLTMETERS

Model 321—1000 Ohms/Volt			
Stock No.	Range	List	Your Cost
K11240	0-10	\$8.25	\$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	16.00	10.45

D.C. VOLTMETERS

125 Ohms per Volt					
Model 321			Model 221		
Stock No.	Your Cost	Range	Stock No.	Your Cost	Range
K11230	\$3.75	0-5	K11247	\$2.94	0-5
K11231		0-10	K11248		0-10
K11232		0-15	K11249		0-15
K11233	\$3.75	0-25	K11250	\$2.94	0-25
K11234		0-50	K11251		0-50
K11236		0-150	K11253		0-150
K11237	4.58	0-250	K11254	3.75	0-250
K11404	6.94	0-500	K11405	5.07	0-500

D.C. MILLIAMMETERS

Model 321			Model 221		
Stock No.	Your Cost	Range	Stock No.	Your Cost	Range
K11200	\$4.58	0-1	K11208	\$3.75	0-1
K11201		0-1.5	K11209		0-1.5
K11411		0-3	K11215		0-3
K11412	\$3.75	0-5	K11416	\$2.94	0-5
K11202		0-10	K11210		0-10
K11203	\$3.75	0-15	K11211	\$2.94	0-15
K11394		0-25	K11398		0-25
K11204	\$3.75	0-50	K11212	\$2.94	0-50
K11205		0-100	K11213		0-100
K11413		0-150	K11417		0-150
K11206	\$3.75	0-200	K11214	\$2.94	0-200
K11414		0-250	K11418		0-250
K11207		0-500	K11215		0-500
K11396	\$3.75	0-750	K11400	\$2.94	0-750
K11397		0-1000	K11401		0-1000

D.C. AMMETERS

Model 321			Model 221		
Stock No.	Your Cost	Range	Stock No.	Your Cost	Range
K11216	\$3.75	0-1	K11223	\$2.94	0-1
K11217		0-5	K11224		0-5
K11218		0-10	K11225		0-10

NEW "GIANT" 5/4" FOUNDATION VOLT-OHM-MILLIAMMETER

Molded Bakelite case with 5 1/4" flange diameter. Easily read at a distance. 0-1 ma., movement with 100-ohm internal resistance; any ranges can be assembled to suit your requirements. Model 521 has d.c. scales: 10-50-250-500 volts, 10-50-250 ma., and 0-100,000 ohms. Accuracy is guaranteed within 2%. Shpg. wt. 5 lbs.

K11297—Model 521 meter only..... \$6.86



MODELS 321 AND 221 0-1 MA. D.C. METERS

Both flush mounting units, in Bakelite cases. Model 321 is 3 1/2" diameter; Model 221 is 2 3/4" diameter. Approximate resistance 33 ohms. D'Arsonval movement, sapphire bearings. Accurate within 2%. **Your Cost Each..... \$4.58**
K11208—Model 221 Your Cost Each..... \$3.75

Model 321 Combination Volt-Ohm-Milliammeter

K11438 3" Bakelite case; 100 ohms internal resistance. Scales read: 30-300-600 volts, 30-300 ma., 100,000 ohms. With diagram.
K11442—As above but with scales reading: 10-50-250-500 volts, 10-50-250-500 ma., 100,000 ohms. **Your Cost Each, \$4.90**
Either Type..... \$4.90

Beede Illuminated D.C. Milliammeters

Model 311 Overall diameter 3 1/2". 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. Flush mounting.



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..... \$2.40

Plug button bayonet base pilot light socket for above. **K11173—Your Cost..... \$2.40**

MODEL 701—3 1/4" In diam., and in metal case. Metal etched scale.

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

TRIPOLET "SQUARE" METERS

This new meter is attractive, easy to read and highly efficient. Fits 2 3/4" hole. In Bakelite case 4x4 1/4 x 1 1/4" deep. Has 3 1/2" long scale. Voltmeter to 1000ohm/voltype. Models 421 d.c.



D.C. VOLTMETERS

No.	Range	List	Net
K11372	0-5	\$ 9.75	\$6.37
K11373	0-10	9.75	
K11374	0-50	9.75	\$6.37
K11375	0-100	9.75	
K11376	0-150	10.00	6.54
K11377	0-300	11.50	7.52
K11378	0-750	16.00	10.46

D.C. MILLIAMMETERS

K11379	0-1	\$9.00	\$5.85
K11380	0-5	7.50	\$4.90
K11381	0-10	7.50	
K11382	0-50	7.50	
K11383	0-100	7.50	\$4.90
K11384	0-250	7.50	
K11385	0-500	7.50	

MICROAMMETERS

K11386	0-200	14.00	9.14
K11387	0-500	10.75	7.02

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, 0-15-150 d.c., ma., 0-1500 ohms, 0-1.5 megohms. Accuracy on d.c. 2%, on a.c., 5%. With D.P.D.T. switch for a.c. to d.c. change. **K11291—List \$15.00 \$9.80**
Your Cost..... \$9.80

FUSES and METER ACCESSORIES

STERLING Panel Meters

A line of efficient test meters having 2" scale diameter, 2 1/2" over-all. 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

Stock No.	Range	Your Cost
K10898	10-0-10 Amps.	.59
K10899	20-0-20 Amps.	1.62

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 3/4" diameter.

For 27 Ohm Meters

No.	Ohms	No.	Ohms
K10848	5	K10852	100
K10849	10	K10853	250
K10850	25	K10854	500
K10851	50	K10855	1000

For 30 Ohm Meters

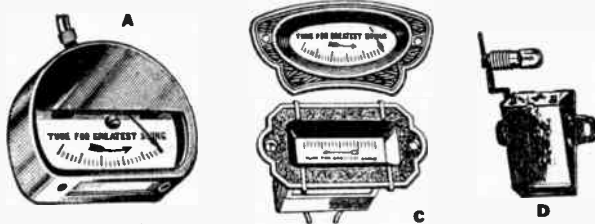
No.	Ohms	No.	Ohms
K10856	5	K10860	100
K10857	10	K10861	250
K10858	25	K10862	500
K10859	50	K10863	1000

For 50 Ohm Meters

No.	Ohms	No.	Ohms
K10864	5	K10868	100
K10865	10	K10869	250
K10866	25	K10870	500
K10867	50	K10871	1000

Your Cost Each, Any Above Type... **82¢**

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. All are sold less escutcheon.

Stock No. Type Your Cost

10 Ma. K11182	15 Ma. K11183	A	88¢
K11186	K11187	B	
K11190	K11191	C	
K11295	K11296	D	

Escutcheon Plates
K11293—For Type A-B.
K11294—For Type C-D.
Your Cost Each... **18¢**

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.

Stock No.	Res. Ohms	Volts	Stock No.	Res. Ohms	Volts	Stock No.	Res. Ohms	Volts
K12286	1450	1.5*	K12298	10000	10	K12310	200000	200
K12287	2950	3*	K12299	18500	13.5	K12311	250000	250
K12288	3500	3.5	K12300	15000	15	K12312	300000	300
K12289	4450	4.5*	K12301	25000	25	K12313	450000	450
K12290	4950	5*	K12302	30000	30	K12314	500000	500
K12291	5000	5	K12303	50000	50	K12315	600000	600
K12292	5500	5.5	K12304	60000	60	K12316	750000	750
K12293	5950	6*	K12305	75000	75	K12317	800000	800
K12294	7450	7.5*	K12306	85000	85	K12318	900000	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 Fuse Clips



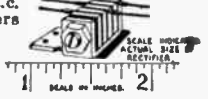
Copper, nickel plated.
K12377—
Your Cost **2¢**
Each
10 For... **12¢**

TIME PAYMENTS!

Now you can buy test instruments, radiosets, p.a. amplifiers, amateur equipment, etc. on easy time payments. Refer to pages 89-92 for complete details.

Copper Oxide Rectifier

Converts d.c. milliameters of 15 ma. or less to a.c. milliameters. With proper resistors can measure up to 1000 volts. Only 1/4" x 1/2". Instructions furnished for all changeovers and new instruments. **K10570—Your Cost. \$2.95**



Copper Oxide Rectifiers

Miniature type, 1/4" square. For d.c. meters drawing less than 5 ma. **K10566—\$2.15 Each**



20 Ma. Capacity

Circular type, 1/4" long by 1/4" diam. Lug terminals. **K10567—\$1.88 Each**



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 1/4". **K12330—6¢ Each**

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¢**



LITTELFUSES for Radio Sets and Amplifiers

Approved by the Underwriters. Protect equipment. 1 1/4" x 1/4".

Stock No.	Amps.	V.	Each	Doz.
K12378	1	250	5¢	50¢
K12379	1 1/2	250		
K12380	2	250		
K12381	3	250		
K12396	5	500	9¢	\$1.00
K12397	10	500		
K12398	15	500		
K12399	20	500		

Extractor Fuse Post

For panel mounting. Molded Bakelite case; aperture 1/4" fuse (radio type). Screw in type fuse retainer. 1/2" 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

LITTELFUSES 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. Milliammeter protection rating, shown below, for magnetic type meter movements.

Stock No.	Rating Amps.	Max. Load Ma.	Res. on Load	Your Cost Each	Your Cost Doz.	V-M Ohms Per V.	To Protect Milliammeters Galv.
K12339	1/200	5	500 ohms	18¢	\$1.95	over 1000	
K12385	1/100	10	110 "			1000	up to 0-1
K12386	1/50	25	20 "	12¢	\$1.32	600-1000	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 "			20-100	25-75
K12390	1/4	200	6.2 "			10-20	75-150
K12391	1/3	300	3.0 "	9¢	\$1.00	5-10	150-250
K12392	1/2	400	2.5 "			3-5	250-350
K12393	1/1	600	4.0 "				350-500
K12394	1	1000	.24 "	6¢	65¢		500-7500
K12395	2	2000	.14 "				1000-15000

Bakelite Fuse Mounts



Molded Bakelite bases. Plated fuse clips are slotted—grip fuse firmly. Easy to mount.



Panel Type	Sub-Panel Type
Base size 1 1/4" x 1/2" x 1/4". Take the 1" Littelfuses (instrument type). K12383—Your Cost... 9¢	Have 1" studs having 6-32 thread. For 1" instrument type fuses only. 1 1/4" x 1/2" x 1/4". K12382—Your Cost... 12¢
For standard 1 1/4" radio fuses. K12324—Your Cost... 8¢	For standard 1 1/4" radio fuses. K12327—Your Cost... 9¢

High Voltage Littelfuses



Fuse wire blows each 1/2" of its length. Blow at 50% above rating.

Stock No.	Cost	Amps.	Stock No.	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¢	5	K12367	44¢
K12358	24¢	6	K12368	44¢

LITTELFUSE Auto Fuses

Lower resistance than standard fuses. 1 1/4" x 1/4". **Your Cost... 3¢ ea.**

K12320	5 amps.
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 1/4" x 1/2" x 1/4". **K12325—Your Cost... 12¢**



BEST PRODS and ALIGNING TOOLS

TEST PROD KIT

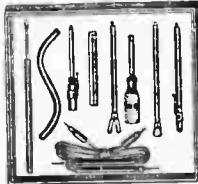


Spring prongs at the end of prods allow changing from spade lugs to phone tips or to spring clips. Handles are 6" long, 3/4" diameter. Needle point phone tips for piercing insulating wire. Five foot red and black kink-

less wire. Complete with two alligator clips, two needle point phone tips and two tapered lugs. **K12971—Your Cost..... 75¢**

Similar to above, but without interchangeable feature—fixed ends. **K12882—Alligator clips. Your Cost per Set..... 49¢**
K12883—Phone tips. Your Cost per Set..... 40¢

TRUTEST ALIGNMENT TOOL KIT



Complete kit for aligning all circuits of all types of receivers. Includes pair of kinkless-wire test prods, flexible tuning wand, alligator-jaw wrench and driver, brass 3/4" socket head wrench and driver, 6" insulated alignment screwdriver, 9" balancing screwdriver with 3/2" insulated socket head, a 3-in-1 neutralizing tool (nesting type)—a screwdriver with a 5/16" and a 3/4" socket head), and a metal-tube set trimmer for the new receivers. Shpg. wt. 4 lbs. **\$2.98**
K15090—Your Cost

NEUTRALIZING TOOL



Has pen clip for pocket. 1/4" nut wrench with key slot, and aligning screwdriver. **K14915—Your Cost..... 28¢**

5-IN-1 ALIGNER KIT

Combines in a four-tain size tool, 3/4" and 5/8" nut wrenches, miniature blade screwdriver for all aligning and a full-size insulated handle screwdriver. **K15082—Your Cost..... 69¢**

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, 5/16" and 3/4" nut wrench, 1/4" insulated square nut wrench, 1/4" hex metal side wrench, 2 1/2" insulated driver with metal nib, 1/4" hex socket insulated wrench driver, 5/8" hex insulated nut wrench, 5" insulated driver and 6" insulated driver. **K15088—List \$5.00 \$2.94**
Your Cost
 Similar to above, but less flexible screwdriver and "magic" aligning tool. Complete with leatherette case. **K15089—Your Cost, Complete..... \$2.30**



Leatherette Case

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. K12979—Phone tips. Your Cost, Either..... 42¢**
K12980—Spring clips. Your Cost Each..... 53¢



TEST LEAD BARGAIN!

37-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. **K12983—Your Cost..... 22¢**

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. **K12976 Phone Tips..... 29¢**
K12975 Spade Lugs..... 36¢
K12977 Alligator..... 35¢

PHONE NEEDLE TIP PRODS
 No. Wire Ends Each 10 For
K12976 Phone Tips..... 29¢
K12975 Spade Lugs..... 36¢
K12977 Alligator..... 35¢

SOLDERLESS TIP PLUGS
K12968 Phone Tips..... 25¢
K12969 Spade Lugs..... 35¢
K12970 Alligator..... 35¢

Insulated Hex Wrench
 Hexed entire length; cut worn end and have a new wrench.
 Stock No. Length Your Cost
K15148 6"..... 14¢
K15149 8"..... 16¢

Insulated Screw Driver
 1" diameter Bakelite knob on 1/2" rod, 3 3/4" long. Has steel screwdriver nib. **K15087—Your Cost..... 23¢**

Aligning Screwdriver and Hexagon Wrench
 A screwdriver and 1/4" hexagonal opening on the other end. Steel Blade length 2".
 Stock No. Length Your Cost
K15100 6"..... 18¢
K15101 9"..... 24¢
K15102 12"..... 29¢

Hex Socket Aligner
 6" long with brass 1/4" socket head. Other end has hardened screwdriver bit. Shaft diam. 7/16". **K15104—Your Cost..... 29¢**

Attachments for Tools

Screw on aligning tools having threads as found on aligner No. 14915 described above.

Balnout for Majestic Receivers

Overall 2 1/4" long. Has screwdriver and offset socket for 1/4" hex nuts that extends tool handle 1 1/2". **K15085—Your Cost Each..... 23¢**

For CROSLY RECEIVERS
 Extends tool 1 1/2". Has socket in end for 3/8" square nuts. **K15086—Each..... 10¢**

For MAJESTIC RECEIVERS
 Similar to W15086 above, but has hex socket. **K15084—Your Cost..... 10¢**

Alligator Neutralizing Wrench-Screwdriver
 Wrench with 3/4" opening. Securely fastened to extra strong high insulation rod size 1/4" x 1/4". Hardened steel screwdriver blade. **K14921—Your Cost..... 24¢**

Adjustable Balancer
 All Fenoline—no metal parts. Screwdriver slides inside aligning wrench; other end has hex socket. **K15192—Extends 6" to 11"..... 34¢**
Your Cost Each..... 49¢

FIBRITE Screw Driver
 7" long; driver at both ends for all trimmers. Diameter, 7/16", 5/8". Driver is 6" long. **K15150—7/16" diameter..... 20¢**
K15151—5/8" diameter..... 28¢

ALIGNING TOOL SET
 Two tools, one fits within other. One is 6" long, 3/4" diameter with fitted brass wrenches for 3/4" and 5/8" hex nuts. Other is 1" rod fitted with screwdriver nib and special magnetic steel. **K15083—Your Cost..... 69¢**

Metal Tube Set Trimmer

Has screwdriver fastened in metal cylinder that fits over trimmer screws. 4 3/4" long; shank is 2 1/4" and 3/4" diameter. **K15103—Your Cost..... 59¢**

Double Shank Trimmers

For Philco, RCA, etc. Screwdriver shank is 3/8" diameter—fits into 1/2" hole up to 1 1/4"; other end takes 3/16" hex nut. **K15105—6" long. Each..... 45¢**
K15106—10" long..... 59¢

Adjustable Balancer
 All Fenoline—no metal parts. Screwdriver slides inside aligning wrench; other end has hex socket. **K15192—Extends 6" to 11"..... 34¢**
Your Cost Each..... 49¢

FIBRITE Screw Driver
 7" long; driver at both ends for all trimmers. Diameter, 7/16", 5/8". Driver is 6" long. **K15150—7/16" diameter..... 20¢**
K15151—5/8" diameter..... 28¢

ALIGNING TOOL SET
 Two tools, one fits within other. One is 6" long, 3/4" diameter with fitted brass wrenches for 3/4" and 5/8" hex nuts. Other is 1" rod fitted with screwdriver nib and special magnetic steel. **K15083—Your Cost..... 69¢**

ALIGNING TOOL SET
 Two tools, one fits within other. One is 6" long, 3/4" diameter with fitted brass wrenches for 3/4" and 5/8" hex nuts. Other is 1" rod fitted with screwdriver nib and special magnetic steel. **K15083—Your Cost..... 69¢**

"LITTELFUSE" NEON TATTLELITE TESTER

Made to fit the pocket. Used for detecting open 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 oscilloscopes. **K11310—Your Cost Each..... 59¢**



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. **K12938—Your Cost..... \$1.10**

Sunco Neon Tuning Wand

Highly sensitive current measuring tube for use in transmitters. Measures peak currents; no lag. Measures modulation accurately, indicates neutralization of stage, maximum antenna output, matching feeders, etc. 8 1/4" long, 1/2" diameter; with nickel-plated caps. **K11307—Your Cost..... \$1.50**



Pencil Type Test Leads

5" long handles of red and black phenolic. With rubber, kinkless wire. **K12983—Your Cost..... 22¢**

Molded finger grip tips with set screws for solderless connections. Overall length 65". **K12988—Your Cost..... 72¢**

Kinkless Rubber Wire

Will not kink or knot. Heavy-duty 3/16" abrasion-proof rubber wall; contains 65 strands of tinned copper wire. Red or black. Specify color. **K16150—25-ft. coil..... 50¢**
Your Cost..... \$1.75
K16151—100-ft. coil..... \$1.75

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 and salvaging screws, nuts. **K14916—Red handle. K14917—Black handle. Your Cost Each..... 38¢**

POLY-IRON Resonator Alignment Wand

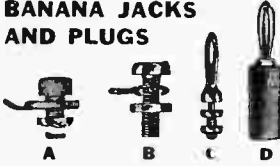
For determining correct alignment. A 6" flexible rubber rod; one end brass loaded—the other, core steel. Placing either end in magnetic field of coil will indicate inductive condition. **K14978—Hour Cost..... 59¢**

SOLID TUNING WAND

Similar to above, except that the body is solid insulation. **K14976—Your Cost Each..... 59¢**

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 nicked 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	35c
K12919	C	4c	35c
K12915	D	6c	55c

BANANA PLUGS



Both of brass, nickel-plated; fit standard jacks. Plain plug has $\frac{1}{8}$ " screw, $1\frac{1}{2}$ " long, overall 1" long. Insulated plug has screw in side for solderless connections, $1\frac{1}{8}$ " long. In red or black. Specify color.

K12820	Plain plug	4c
10 for		35c
K12921	Insulated plug	6c

Midget Banana Plugs and Jacks



Insulated plug is 1" long and jack $\frac{1}{8}$ ". Plain plug is $\frac{1}{8}$ " long; jack is $\frac{1}{8}$ " and fits $\frac{1}{16}$ " hole up to $\frac{3}{16}$ ". Insulated types available in red or black. Specify color desired.

K12905	Plain jack	4c
K12906	Plain plug	4c
Per Dozen		38c
K12907	Insulated plug	6c
K12908	Insulated jack	6c
10 for		50c

Midget Short Jacks



Bakelite insulation. $\frac{3}{8}$ " mtg. hole. K 6548—Closed Circuit Jack.

K6549	Open Circuit Jack.	14c
Your Cost Each,	Either Type	14c
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—10 for 65c Your Cost Each 7c

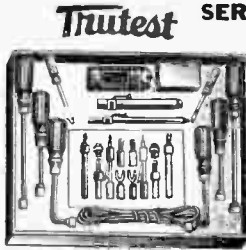
NEW "PENCILITE"

With Magnifying Lens



A new pocket flashlight ideal for use by physicians, dentists, radio servicemen and mechanics, etc. Has a pocket clip like a pen. Is $5\frac{1}{2}$ " long, $\frac{3}{8}$ " diameter. Momentary push switch on top, or turn of top keeps light on steadily. Furnished complete with long life bulb and battery. Red and black lacquer finish.

K15028		39c
Your Cost		39c
K15029	—Extra batteries for above.	12c
Your Cost per Set		12c



SERVICEMEN'S TEST KITS

Thirty-pieces for test and repair. Include two 6" hex, ($\frac{3}{16}$ and $\frac{1}{2}$ "), two 9" hex ($\frac{3}{8}$ and $\frac{1}{2}$ "), and two 6" "offset" hex wrenches ($\frac{1}{2}$ " and $\frac{3}{8}$ "), three assorted size insulated screwdrivers, three assorted size flat top wrenches, one length (72") each of red and black wire, one No. 14915 neutralizing tool and one 5" compensating screwdriver, an assortment of red and black test parts including test prods, alligator clips, etc., and one box of assorted radio hardware. All are mounted on a card, packed in a neat box. Shpg. wt. 5 lbs.

K12888—Your Cost, Complete Kit \$2.95

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 Shpg. wt. 1 lb. Your Cost, Special \$1.15



Miniature Tube Caps For Metal Tubes



These tube caps are of nicked brass and are furnished tinned. K14983—Adapter to fit any regular control-grip clip for contacting new miniature tube caps. Type A

Your Cost Each	9c
K14984	Tinned brass grid clip for contacting miniature caps on metal tubes.
Type B Per Dozen	8c
Your Cost Each	1c
K14985	As above with wire ferrule.
Type C Per Dozen	8c
Your Cost Each	1c

NATIONAL Grid Clips

Freed by a slight pressure and easily removed. Tinned grip end for soldering. $1\frac{1}{8}$ " long. K14434—Your Cost Each 3c As above, for metal tubes. K14565—Your Cost 3c Same as above, but for larger tubes as 866; also fits $\frac{3}{4}$ " tubing. K14441—Your Cost Each 6c



Screen-Grid Clips

Fits all standard grid posts. Brass, tinned for easy soldering.

K14827		1c
Your Cost Each		1c
Your Cost, Per Dozen		8c
Your Cost, Per 100		39c

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
K14719	—For metal tubes.
Your Cost Each	8c

Metal & Glass Tube Cap

Fits either type. With 11" lead and pin-tip. In red or black. Specify color with order. K11728

Your Cost Each 12c

INSULATED SPACERS

$\frac{1}{4}$ " outside diameter, $\frac{1}{8}$ " inside. In red or black. Specify color.

No.	Height	Each	Dozen
K12938	$\frac{1}{2}$ "	2c	20c
K12939	$\frac{3}{4}$ "	2c	20c
K12940	$\frac{1}{2}$ "	2 $\frac{1}{2}$ c	24c
K12941	$\frac{1}{2}$ "	3c	25c
K12942	$\frac{1}{2}$ "	4c	35c

Flush Type Tip Jacks

Heavy contact spring. Will take both plain and solderless types. Mount in $\frac{1}{4}$ " holes. Nicked brass finish. K12948—12 for 30c Your Cost 3c



Tip Jacks

For test equipment. Nicked. Powerful bronze spring. $\frac{1}{4}$ " mtg. hole. K12918—Your Cost Each 3c Per Dozen 30c

Dual-Grid Analyzer Stud

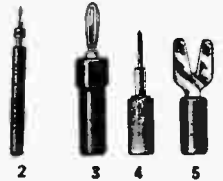
Modernizes old analyzer plugs to accommodate metal or glass grid caps. K11750—Your Cost 6c



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.	K12910—Your Cost	15c
Figure 2. $5\frac{1}{2}$ " solderless needlepoint test prod.	K12881—Your Cost	15c
Figure 2. 7" solderless needlepoint test prod.	K12884—Your Cost	18c
Figure 3. Short test prod, $2\frac{1}{2}$ " long.	K12912—Your Cost Each	12c
Figure 4. Insulated needlepoint phone tip (plug to fit test prods).	K12913—Your Cost	6c
Figure 5. Insulated plug with tapered lug.	K12914—Your Cost	6c

Deduct 10% when ordering lots of 10.

Insulated Tip Jacks

Have new type springs which provide sure grip contact. Mounts in $\frac{1}{4}$ " hole. In red or black. Specify color desired. K12879—Per Doz. 57c Your Cost Each 6c



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 Your Cost Each 8c

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. K12974— $1\frac{1}{2}$ " long. Your Cost Each, Either Type 6c Per Dozen, Either Type 59c

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 K14963—Red Your Cost Each 19c

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 K14971—Red Your Cost Each 19c

CARTER No. 2 Flat Plug

Molded bakelite. Only $1\frac{1}{8}$ " diam., by $\frac{1}{4}$ " thick. Screws hold tips. K14964—Your Cost Each 28c

AN *Easy* TIME PAYMENT PLAN

TODAY, Wholesale offers, tailored to your purse, an Easy Time Payment Plan — with terms that make it exceptionally convenient to purchase the radio equipment you've always wanted—the very finest—in all the radio field. It's simple . . . it's convenient . . . it's economical! Some of the high spot features are:

CASH OR CREDIT ... YOU SAVE

Either way, you save! "Wholesale" refuses to sell inferior radio equipment. We will not hoodwink the customer. Decide for yourself. Buy for cash—enjoy the benefits of tremendous savings. OR buy on credit at the very lowest price in keeping with sound business. Either way you profit. Such values can be offered only by the World's Largest Radio Supply House.

FOR YOUR ADDED CONVENIENCE

Once you have established yourself as a Time Payment customer, it is your privilege to purchase regularly on "Wholesale's" Easy Time Payment Plan.

WHERE YOU CAN SAVE ON CREDIT

Our Easy Payment carrying charge is applied to your unpaid balance only. You are not required to make payments on original cost of the merchandise.

NO RED TAPE

Whatever the merchandise you are interested in—home and auto receivers, amateur equipment, public address systems, amplifiers, test instruments, you can buy on a credit basis as explained on Pages 91 and 92. NO RED TAPE! Your application receives immediate consideration.

ENJOY- WHILE YOU PAY

Why wait any longer for the equipment you need in your business — in your hobby? Instead of saying "Some-day", let "Wholesale" show you how to get that equipment Now. Today—through our Easy Payment Plan. Instead of saving to buy, enjoy the advantages of "Wholesale" quality merchandise while you pay for it. Simply fill in the form on the reverse side and mail to the "Wholesale" distributing warehouse nearest you, in NEW YORK, CHICAGO or ATLANTA. Time payments apply only to purchasers residing in the United States.

*DARLING AT LAST WE'VE GOT THAT
LAFAYETTE YOU'VE ALWAYS WANTED*

*YES, JOHN, THANKS TO WHOLESAL'S
EASY TIME PAYMENT PLAN—ALL I
DO IS PUT 15¢ AWAY DAILY.*



Now
WHOLESALE

*makes it still
easier for you*

**to buy the
equipment
you need**

FOR BETTER MERCHANDISE AT LOWER PRICES
WHOLESALE RADIO SERVICE CO., INC.

Quantity	Catalog Stock No.	Page No.	Manufacturer	Model No.	Description	Cash Price

MERCHANDISE ORDERED

FROM CATALOGUE NO.
Please Fill In

Total Cash Price \$

Easy Time Payment Price

To WHOLESALE RADIO SERVICE CO., Inc. Date

Address _____ City _____ State _____

For the purpose of securing credit for the purchase of the articles mentioned above, I, the undersigned purchaser submit the following statement of facts:

Purchaser's Name (Print) _____ Wife's Name _____ **IMPORTANT** Residence or nearest Phone _____

Home Address _____ (Years) _____ (Months) _____
How Long? .

Living With Yes Landlord's (No. and Street) (Apt. No.) (City and State)
Parents No Name

Previous (No. and Street) (City and State) (Years) _____ (Months) _____
Home Address How Long?

Age _____ White _____ Colored _____ Single _____ Married _____ Number of Dependents, Monthly _____
Including Wife Income \$

If Amateur Give Call Letters _____ Name and Address of Nearest Relative With Whom Not Living _____

Real Estate Holdings _____

Recorded in Name of _____ (No. and Street) (City and State) _____
Present Value \$ Mortgage \$

Make of Car Owned _____ Yr. _____ Model _____ Motor No. _____ Registration No. _____

Name Present Employer _____ What Position? _____ (Years) _____ (Months) _____
How Long?

Business Address _____ If in business for self, what business? _____ (Years) _____ (Months) _____
How Long?

Other Sources of Income _____

Name Former Employer _____ (Years) _____ (Months) _____
How Long?

Bank A/C Checking Savings (Address) _____

First Trade Reference (Bank Name) (No. and Street) (City and State) _____

Second Trade Reference (Address) _____

Third Trade Reference (Address) _____

OBLIGATIONS—Bank, finance, loan or instalment companies, or others, to whom you are making instalment payments. If none, state "None"

Original Amount	Unpaid Balance	..... payment (Weekly, Monthly, etc.)
\$ _____	\$ _____	\$ _____
\$ _____	\$ _____	\$ _____
\$ _____	\$ _____	\$ _____

I am enclosing \$ as a down payment on the Easy Time Payment Plan price of the goods listed above. One month after shipment of the goods I will pay \$ at the place to which I send this order or such other place as may be later designated by you and a similar amount on the same day of each month thereafter for months until the total Easy Time Payment Plan price is paid. Until the goods are fully paid, title of possession shall remain in your name.

I will not sell, remove, or encumber them without your written consent and I will assume any loss or damage to them. Should I fail to make any payment when due, you may retake custody of goods at any time after such default and/or you may hold the undersigned jointly and severally for the full unpaid balance, which shall then become due and payable.

Witness: _____ (Purchaser's Signature) _____

Witness: _____ (Wife's Signature) _____

COMPLETE TIME PAYMENT SCHEDULE

Page No.	Catalog No.	Description of Merchandise	Cash Price	6 Months Plan		9 Months Plan		12 Months Plan	
				Down Payt.	Mo. Payt.	Down Payt.	Mo. Payt.	Down Payt.	Mo. Payt.

LAFAYETTE RECEIVERS

5	D40	8-Tube AC	\$26.95	\$5.95	\$4.67						
7	EB66	7-Tube AC-DC	24.95	5.00	4.49						
7	BA2	8-Tube AC-DC	24.95	5.00	4.49						
11	EB70	6 Tube AC	23.75	5.00	4.29						
11	D49	7-Tube	23.95	5.00	4.33						
12	D51	8-Tube AC	32.50	6.50	5.50						
12	D54	8-Tube AC	39.95	7.95	6.50	\$5.95	\$4.56				
13	D60	8-Tube AC	28.75	6.00	4.96						
13	D53	8-Tube AC	36.95	6.95	6.17						
14	BA1	6-Tube AC	32.95	6.95	5.50						
14	EB64	6-Tube AC	56.95	11.95	8.67	8.95	6.15				
14	EB65	6-Tube AC Comb.	74.50	14.50	11.17	9.50	8.11	\$7.50	\$6.39		
17	B13	8-Tube Chassis	37.50	7.50	6.17						
17	B14	8-Tube	44.50	9.00	7.09	6.50	5.03				
17	B18	8-Tube	56.75	11.75	8.67	9.75	6.05	6.75	4.92		
18	B24	8-Tube Chassis	49.50	9.50	7.84	7.50	5.47				
18	B25	8-Tube	58.50	11.50	9.00	9.50	6.25	6.50	5.09		
18	B26	8-Tube Console	67.50	13.50	10.17	9.50	7.31	7.50	5.79		
19	B20	8-Tube Phono.	88.45	17.45	13.00	13.45	9.27	9.45	7.43		
19	B27	8-Tube Phono.	99.75	19.75	14.50	14.75	10.44	10.75	8.22		
19	D55	8-Tube Phono.	63.50	12.50	9.67	9.50	6.84	6.50	5.53		
21	B33	11-Tube Chassis	59.50	12.00	9.00	9.50	6.38	6.50	5.17		
21	B34	11-Tube Console	77.50	15.50	11.50	12.50	8.11	8.50	6.56		
22	B43	13-Tube Chassis	73.50	15.50	10.84	11.50	7.77	7.50	6.30		
23	B44	13-Tube Console	94.75	18.75	13.84	14.75	9.84	10.75	7.86		
24	B45	13-Tube Phono.	179.50	36.50	25.33	26.50	18.26	18.50	14.53		
24	B46	13-Tube Phono.	199.50	39.50	28.25	30.50	20.10	19.50	16.18		
25	B38	11-Tube Phono.	114.75	22.75	16.56	17.75	11.81	11.75	9.52		
25	FS60	5-Tube AC-DC	27.95	5.95	4.84						
26	C57	9-Tube AC-DC	49.50	9.50	7.84	7.50	5.47				
26	C59	9-Tube AC-DC	49.50	9.50	7.84	7.50	5.47				
26	C63	9-Tube	49.50	9.50	7.84	7.50	5.47				
26	C77	12-Tube AC-DC	61.50	12.50	9.34	9.50	6.61				
26	C81	12-Tube AC	61.50	12.50	9.34	9.50	6.61				
26	C85	9-Tube AC	49.50	9.50	7.84	7.50	5.47				
27	C82	16-Tube AC-DC	94.75	18.75	13.84	14.75	9.84	10.75	7.86		
27	C86	9-Tube AC Phono.	74.75	15.00	11.16	11.95	7.88	7.95	6.39		
27	C89	16-Tube AC	94.75	18.75	13.84	14.75	9.84	10.75	7.86		
27	C68	9-Tube Phono.	74.95	15.00	11.16	11.95	7.88	7.95	6.39		
27	C69	9-Tube AC-DC Phono.	77.95	15.95	11.50	12.95	8.11	8.95	6.56		
27	C74	9-Tube AC-DC Phono.	77.95	15.95	11.50	12.95	8.11	8.95	6.56		
29	D32	6-Tube	32.50	6.00	5.50						
30	17230	Model D	39.32	8.00	6.39						
30	17232	32-Volt, 250-Watt.	47.37	8.37	6.67	6.37	5.35				
30	17233	32-Volt, 250-Watt.	47.37	8.37	6.67	6.37	5.35				
30	17239	Model C	32.94	6.94	5.50						
31	D41	6-Tube Receiver	26.95	5.95	4.67						
31	EB67	7-Tube Receiver	32.50	6.50	5.50						
32	DA28	7-Tube Receiver	24.95	5.00	4.49						
32	M31	6-Tube Receiver	23.95	5.00	4.33						
35	D37	7-Tube Auto with Control	30.95	5.95	5.34						

LAFAYETTE PUBLIC ADDRESS

48	21406	Inter-Communi-cating	26.95	5.95	4.67						
50	811P	Sound System	37.50	7.00	6.25						
50	812P	Sound System	41.00	8.00	6.67						
51	101T	Sound System	26.75	5.75	4.67						
51	843P	Sound System	66.50	13.50	10.00	10.50	7.07				
51	844P	Sound System	69.25	14.25	10.34	10.25	7.42	7.25	5.96		
52	134A	Amplifier	29.95	5.95	5.17						
52	134T	Amplifier	36.95	6.95	6.17						
52	822P	Sound System	79.50	16.50	11.67	12.50	8.35	8.50	6.74		
53	267A	Amplifier	39.50	8.00	6.42						
53	267T	Amplifier	46.35	9.35	7.34	7.35	5.12				
53	826P	Sound System	89.95	17.95	13.17	13.95	9.38	9.95	7.52		
54	292A	Amplifier	58.50	11.50	9.00	9.50	6.50				
54	292T	Amplifier	69.25	14.25	10.34	10.25	7.42	7.25	5.96		
54	841P	Sound System	149.90	29.90	21.37	22.90	15.25	14.90	12.29		
55	22008	Record Player	48.25	10.00	7.54	7.25	5.34				
55	22009	Record Player	57.25	11.75	8.75	8.25	6.26				
55	22013	Record Player	26.95	5.95	4.67						
55	1011TP	Superhet Tuner	49.95	10.00	7.83	7.95	5.47				
55	1012TP	Superhet Tuner	47.50	9.50	7.50	7.50	5.23				
56	321P	Portable System	89.50	17.50	13.17	14.50	9.27	9.50	7.52		
56	321T	Portable System	96.40	19.40	14.00	15.40	9.96	10.40	8.04		
56	874P	Sound System	128.50	25.50	18.45	18.50	13.29	13.50	10.55		
56	878P	Sound System	143.60	28.60	20.51	21.00	14.69	14.60	11.76		
57	280A	Amplifier	39.50	8.00	6.42						
57	280T	Amplifier	45.90	8.90	7.34	6.90	5.12				
57	282A	Amplifier	59.50	12.00	9.09	9.50	6.38	6.50	5.17		
57	282T	Amplifier	66.36	13.36	10.00	9.36	7.19	7.36	5.70		
57	834P	Sound System	89.50	17.50	13.17	14.50	9.27	9.50	7.52		
57	836P	Sound System	112.95	22.95	16.21	15.95	11.80	11.95	9.34		
58	344P	Portable System	26.95	5.95	4.67						
58	358P	Portable System	42.50	8.50	6.84						
58	817P	Portable System	42.95	8.95	6.84						
58	819P	Portable System	62.95	12.95	9.50	9.95	6.72				
59	369P	Portable System	59.95	14.95	8.67	9.95	6.38				
59	371P	Portable System	77.50	15.50	11.50	12.50	8.11	7.50	6.56		
59	863P	Portable System	83.25	18.25	12.00	13.25	8.69	8.25	7.09		

Page No.	Catalog No.	Description of Merchandise	Cash Price	6 Months Plan		9 Months Plan		12 Months Plan	
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LAFAYETTE PUBLIC ADDRESS-Cont.

59	879P	Portable System	99.95	19.95	14.50	14.95	10.42	9.95	8.39		
60	375P	Portable System	98.50	29.50	12.67	15.50	10.19	10.50	8.22		
60	892P	Portable System	121.90	24.90	17.42	18.90	12.50	12.90	10.03		
60	22099	16-Inch Recorder	251.25	51.25	35.14	36.25	25.41	26.25	20.08		
61	364P	Portable System	116.50	23.50	16.73	18.50	11.92	13.50	9.52		
61	894P	Portable System	154.50	30.50	22.06	22.50	15.84	15.50	12.63		
61	22101	Professional Recorder	213.75	43.75	29.98	33.75	21.37	23.75	17.05		
63	400A	Theatre Amplifier	69.25	14.25	10.34	10.25	7.42	7.25	5.96		
63	400T	Theatre Amplifier	75.45	15.45	11.17	12.45	7.87	10.45	6.22		
63	402A	Speaker Panel	31.50	6.50	5.34						
63	404A	Exciter Panel	61.50	12.50	9.34						
63	705P	DC Exciter	326.50	66.50	45.47	51.50	32.33	36.50	25.79		
63	710P	Theatre System	395.50	80.50	54.92	60.50	39.13	40.50	31.53		
63	711P	Theatre System	331.50	66.50	46.32	51.50	32.91	36.50	26.23		
63	712P	Theatre System	263.50	53.50	36.86	40.50	26.33	28.50	20.95		
63	714P	Theatre System	268.25	53.25	37.72	43.25	26.56	28.25	21.38		
63	715P	Theatre System	212.50	42.50	29.98	32.50	21.37	22.75	17.05		
63	716P	Theatre System	188.75	38.75	26.53	28.75	19.07	18.75	15.32		
63	717P	Theatre System	107.50	22.50	15.35	17.50	11.00	12.50	8.82		
63	718P	Theatre System	180.50	35.50	25.67	27.50	18.26	20.50	14.45		
64	865P	Auburn System	26.75	5.75	4.67						
64	866P	Auburn System	66.25	13.25	10.00	10.25	7.07	7.25	5.70		
64	15872	Auburn Amplifier	27.95	5.95	4.84						
64	15873	Auburn Amplifier	34.95	7.00	5.83						

GENERATORS AND CONVERTERS

73	17208	Rotary Converter	27.20	5.20	4.84						
73	17209	Rotary Converter	37.62	7.62	6.17						
73	17210	Rotary Converter	27.20	5.20	4.84						
73	17211	Rotary Converter	37.62	7.62	6.17						
73	17230	Gas Generator	39.32	8.00	6.39						
73	17232	Generator	47.37	8.37	6.67	6.37	5.35				
73	17233	Generator	47.37	8.37	6.67	6.37	5.35				
73	17239	Gas Generator	32.94	6.94	5.50						
73	19800	Rotary Converter	31.39	6.39	5.34						
73	19801	Rotary Converter	34.64	7.64	5.67						
73	19802	Rotary Converter									

COMPLETE TIME PAYMENT SCHEDULE—Continued

Page No.	Catalog No.	Description of Merchandise	Cash Price	6 Months Plan		9 Months Plan		12 Months Plan	
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TRIPLETT

78	21477	Model 1231 Oscillator	25.16	5.16	4.50						
78	21478	Model 1232 Oscillator	26.95	5.95	4.67						
78	21482	Model 1200B Tester	28.74	5.74	5.00						
78	21484	Model 1205A Set	78.08	15.08	11.67	11.09	8.35	8.08	6.65		
78	21485	Model 1206 Set	86.73	16.73	12.84	12.75	9.14	8.73	7.35		
78	21486	Model 1207 Set	88.52	17.52	13.00	13.52	9.27	9.52	7.43		
78	21487	Model 1241	26.95	5.95	4.67						
78	21489	Model 1310 Unit	26.63	5.63	4.67						
78	21517	Model 1260 Oscillator	27.76	6.00	4.79						
78	21521	Model 1250 Voltmeter	35.94	7.00	5.99						
78	21522	Model 1181A Lab.	40.99	8.00	6.67						
78	21559	Model 1200C Tester	26.29	5.29	4.67						
78	21560	Model 1200E Tester	30.55	6.55	5.17						
78	21561	Model 1251 Voltmeter	46.72	8.00	7.62	6.00	5.33				
79	21518	Model 1503 Tester	50.30	9.30	8.00	7.30	5.58				
79	21519	Model 1502 Tester	39.52	8.00	6.42						
79	21520	Model 1504 Tester	61.08	11.08	9.50	9.08	6.62				
79	21562	Model 1601 Tester	44.42	8.50	7.15	6.50	5.00				
79	21563	Model 1630 Oscillator	44.10	8.10	7.16	6.20	5.00				
79	21564	Model 1631 Oscillator	53.90	10.90	8.34	7.90	5.92				
79	21565	Model 1690 Oscilloscope	46.06	9.06	7.34	7.06	5.14				
79	21566	Model 1402 Test Bench	107.14	20.14	15.69	15.14	11.23	11.14	8.90		
79	21567	Model 1403 Test Bench	86.24	16.24	12.84	12.24	9.15	9.24	7.26		
79	21568	Model 1404 Test Bench	85.91	16.91	12.67	12.91	9.04	9.91	7.17		

RANGER

80	21467	Model 640-740	27.78	5.78	4.84						
80	21472	Model 540-740	36.75	7.25	6.09						
80	21577	Model 1440-540	36.16	7.16	6.00						
80	21578	Model 1440-740	36.16	7.16	6.00						

RCA and DUMONT

81	21449	Oscillograph	110.00	20.00	16.21	15.00	11.57	12.00	9.08		
81	21450	Modulator	27.50	6.00	4.58						
81	21452	Calibrator	29.95	5.95	5.17						
81	21453	Oscillator	34.50	6.50	5.84						
81	21455	Oscillograph	84.50	16.50	12.50	12.50	8.92	9.50	7.09		
81	21456	Beat Frequency Oscillator	64.50	13.00	9.75	9.50	6.95				
81	21547	150 Oscillator	64.50	13.00	9.75	9.50	6.95				
81	21548	151 Cathode Ray Oscillograph	47.50	9.50	7.50	7.50	5.23				
81	21557	Model 164 Oscillograph	63.21	12.11	9.67	9.21	6.84				
81	21585	Model 168 Oscilloscope	114.17	22.17	16.55	17.17	11.80	12.17	9.43		

TEST EQUIPMENT

82	21494	Model 10810 410 Multitester	48.51	9.51	7.67	6.51	5.47				
82	21501	Model 10810 Oscillator	30.87	5.87	5.33						
82	21587	Model 10812 Voltmeter	38.22	7.22	6.33						
82	21588	Model 1321 Modulator	48.22	9.22	7.67	6.22	5.47				
82	21590	Model 1321 Modulator	48.50	9.50	7.67	6.50	5.47				
82	21591	Model 14153 Analyzer	40.43	7.43	6.67	5.43	4.69				
82	21592	Model 701 Signal Gen.	29.35	5.35	5.17						

CLOUGH-BREngle

83	21457	Model 79B Signal Gen.	55.37	11.37	8.50	8.37	6.03				
83	21459	Model OC-A Signal Gen.	29.35	5.35	5.17						
83	21461	Model OD-A Signal Gen.	29.35	5.35	5.17						
83	21462	Model CRA Oscillograph	77.90	14.90	11.67	10.90	8.34	8.90	6.56		
83	21549	Model 105 Oscillograph	47.92	9.92	7.50	7.42	5.32				
83	21581	Model 110 Signal Gen.	42.63	7.63	7.00	5.63	4.93				
83	21582	Model 120 Analyzer	42.63	7.63	7.00	5.63	4.93				
83	21583	Model 111 Modulator	35.77	7.00	5.96						
83	21584	MPX Tube Tester	38.71	7.71	6.34						

WESTON

84	21523	"772" Analyzer	52.13	10.13	8.17	7.15	5.80				
84	21527	Oscillator Model No. 692	51.56	9.56	8.17	7.56	5.69				
84	21529	Check Master Model 771	55.13	11.13	8.50	8.13	6.04				

Page No.	Catalog No.	Description of Merchandise	Cash Price	6 Months Plan		9 Months Plan		12 Months Plan	
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WESTON—Cont.

84	21554	Model 773-1 Tube Checker	53.81	10.81	8.34	7.81	5.92				
84	21555	Model 773-2 Tube Checker	58.13	12.13	8.84	9.13	6.26				
84	21556	Model 775 Serviset	104.25	20.25	15.18	15.25	10.88	11.25	8.65		
84	21571	700 Electrometer	48.63	10.00	7.61	7.63	5.37				
84	21580	607 Servicer	28.80	5.50	5.05						

JACKSON

93	21594	420 Oscillator	48.50	9.50	7.67	6.50	5.47				
93	21595	627 Tester	28.90	5.50	5.07						

TEMCO

97	21200	Transmitter Model 600	1525.00	325.00	206.33	225.00	151.17	155.00	121.18		
97	21201	Antenna S. Panel	75.00	15.00	11.17	12.00	7.87	10.00	6.22		
97	21202	Transmitter Model 100	310.00	60.00	43.73	45.00	31.17	30.00	24.90		
97	21203	Antenna Panel	75.00	15.00	11.17	12.00	7.87	10.00	6.22		
97	21204	Transmitter Model 350	765.00	155.00	105.05	115.00	75.69	75.00	61.12		

HALLICRAFTER

98	21062	"Sky Buddy"	29.50	5.50	4.67						
98	21079	"Sky Chief"	44.50	9.00	7.09	6.50	5.05				
98	21085	S-15 Sky-Challenger	69.50	13.50	10.50	10.50	7.42	9.50	5.79		
98	21086	SX-15 Challenger	79.50	16.50	11.67	12.50	8.35	8.50	6.74		
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99	21081	S-12 Commercial	99.50	19.50	14.50	14.50	10.42	12.50	8.13		
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99	21087	S-16 Super Sky rider	99.00	19.00	14.50	14.00	10.42	12.00	8.13		
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NATIONAL

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102	21256	NC-100	125.10	25.10	17.93	20.10	12.73	15.10	10.12		
102	21257	NC-100X AC	147.60	32.60	20.51	27.60	14.46	22.60	11.42		
102	21263	NC-101X	134.10	26.10	19.31	21.10	13.65	16.10	10.82		
102	21264	"HRO"-2	179.70	34.70	25.67	29.70	17.92	24.70	14.02		
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L

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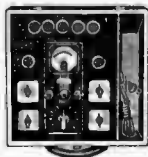
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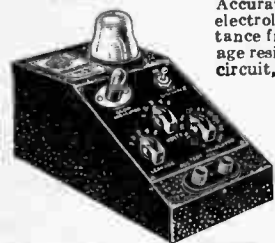


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K11494	8 to 5	
K11495	8 to 6	
K11496	8 to 7S	
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Your Cost \$2.94

58¢

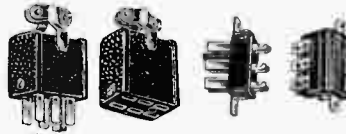
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K12401	45c	4	K12413	50c	4	K12407	4	31c
K12402	54c	6	K12414	61c	6	K12408	6	42c
K12403	62c	8	K12415	71c	8	K12409	8	43c
K12404	70c	10	K12416	81c	10	K12410	10	58c
K12405	79c	12	K12417	91c	12	K12411	12	60c

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K11786—4-prong adapter for replacing 80 with 5Z4 or 5Y3.
K11787—5-prong adapter for replacing 6Z4 and 84 with 6X5; 37, 76 with 6C5.
K11788—6-prong adapter for replacing 6C6, 77 with 6J7; 6D6, 78 with 6K7; 42 with 6F6; 43 with 25A6; 43MG; 75 with 6B6, 6Q7; 85 with 6R7.
K11789—6-prong adapter, color coded red, for replacing 75 with 6F5.
K11790—6-prong adapter, colored orange, for replacing 25Z5 with 25Z6, 25Z5MG.
K11791—Large 7-prong, for replacing 6A6 with 6N7.
K11792—Small 7-prong adapter for replacing 6A7 with 6A8.
K11793—Small 7-prong, colored red, for replacing 6F7 with 6P7.

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Contacts plate prong of tube for connecting output meter, etc. Fully insulated 50" lead; phone tip end.

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Your Cost \$29¢

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K11760—Your Cost \$3.82

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Toggle switch disconnects speaker when phones are in use. Works with any set with 4, 5, 6 and 8 (octal) prong output tubes. Provided with three feet of cable connected to the box which has a d.p.d.t. toggle switch. Phones are automatically connected in the grid circuit. Takes only a minute to install. No rewiring needed. Shpg. wt. 2 lbs.



For Single Output (Uses One Adapter)
Stock No. Prongs
K11720 4
K11721 5
K11722 6
K11743 8 octal
Your Cost \$1.62

Push-Pull Output (Uses Two Adapters)
Stock No. Prongs
K11723 4
K11724 5
K11725 6
K11744 8 octal
Your Cost \$1.91

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K11630—4-Prong \$15¢
K11631—5-Prong
K11632—6-Prong
K11633—7-Prong
K11634—8-Prong (for metal tubes) \$21¢

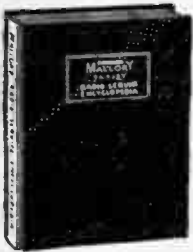
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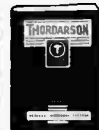
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Whether you are a phone man or hope to be, or whether you just want to learn real phone theory and practice, you can't do without Kruse's. Contains Batcher's famous radiographs and the latest phone dope you have wanted but couldn't find elsewhere. Latest revised edition, brings it right up to the minute fully illustrated. **K1994—Your Cost..... 50¢**

Short-Wave Coil 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. **K1985—Your Cost..... 25¢**



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. **K1932—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. **K1992—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. **K1986—Your Cost..... 38¢**

LATEST JONES' PUBLICATIONS JONES RADIO HANDBOOK



Latest Second Printing. Beyond a doubt the finest handbook on short-wave receivers, transmitters, aerials, television, medical radio-therapy, theory, elementary electricity. 464 pages; hundreds of illustrations, diagrams, charts, tables, etc. Includes coupon which entitles purchaser to receive supplement which is to be published later. Written in simple language. Contains invaluable dope not found in any other publication. Shpg. wt. 3 lbs. **K1999—Your Cost..... \$1.50**

Amateur Radiotelephony

Covers entire field of amateur radio-telephony: Theory, design, construction and operation. Gives Class A license information. Contains 132 pages, coated paper; almost 200 illustrations. Heavy cover. Contains data found in no other Jones book. It's really NEW! **K2006—Your Cost..... 75¢**

Radio Amateur Newcomer

Latest 1937 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. **K2002—Your Cost..... 25¢**

Antenna Handbook

A real antenna book for every radio man—"ham", service and experimenter. Covers practically every type of antenna for all bands—theory and practice. 68 pages crammed with real information and numerous illustrations. Directional "beams" included. **K1997—Your Cost..... 50¢**

Ultra H.F. Handbook

Latest (4th) Edition. Formerly "Five-Meter Radiotelephony", but still the best of its kind. Describes all types of receivers, oscillators, transceivers, transmitters and antennas for the ultra high fans. 64 pages full of the latest and best dope. A necessity for the ham who wants to go ultra high. **K1948—Your Cost..... 50¢**

A.R.R.L. Publications

Radio Amateur's Handbook

For years the final authority on all technical problems involving short-wave receivers, transmitters, theory and practice. Covers the entire short-wave field. Latest (14th) 1937 edition. 416 pages of information; hundreds of diagrams, photos, charts, graphs, etc. Includes new chapters on ultra h.f., elaborate tube tables, "Q" signals, operating instructions. Shpg. wt. 3 lbs **K1943—Your Cost..... \$1.00**



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. **K1935—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. 33 pages. **K1994—Your Cost..... 25¢**

Hints and Kinks for The Radio Amateur

Volume Two. A collection of the selected practical money-saving ideas of 236 experimenters. 128 pages; numerous diagrams and illustrations. **K1981—Your Cost..... 50¢**

200 Meters and Down

A complete history of amateur radio written as you will want to read it. Approved by A.R.R.L. In standard and deluxe. **K1929—Your Cost..... \$1.00**
K1930—Deluxe edition... \$2.00

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 a simple matter. **K1996—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. **K1995—Your Cost..... \$1.25**

A.R.R.L. LIGHTNING CALCULATORS

TYPE A—Solves problems involving frequency inductance, capacity, coils, condensers. **TYPE B**—current, voltage, resistance, power. **K20012—Type A. K20013—Type B. \$1.00**
TYPE C—Every possible computation of all types of wire. **TYPE D**—Computes decibels in any problem. **TYPE E**—Solves parallel resistor and series condenser problems. **TYPE F**—Your voltmeter becomes a 1-ohm to 1-megohm ohmmeter with this one. **K20034—Type C. K20035—Type D. K20036—Type E. K20037—Type F. \$1.00**
Your Cost, Either Type..... 50¢



RADIO AMATEUR CALL BOOK

Spring & Summer 1937 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; a.w. press and weather schedules; international prefixes and numerous other data. 296 pages, 8 1/4 x 11 3/4". **K19936—Your Cost..... \$1.25**

RCA Transmitting Tube Manual

Complete technical information on RCA-DeForest transmitting tubes in book form published by RCA. A "must" for every ham. **K19992—Your Cost..... 10¢**

Technical Supplement

Supplements the above with latest dope on new types such as the 801, 802, 954, etc. **K19993—Your Cost..... 10¢**

Radio Operating Questions and Answers

By Nilson and Hornung. Latest (6th) edition. Has 447 pages of questions and answers that are asked on examinations for commercial radio operator, amateur operator and police and aeronautical radio. Is a gold-mine of information for every radio man. Profusely illustrated. Covers spark, arc and tube transmitters; batteries, generators, broadcasting, short-wave, radiocompass, radio laws, operating procedure, theory. Heavy cloth binding, 8 1/4 x 5 1/4". Shpg. wt. 2 lbs. **K19943—Your Cost..... \$2.45**

THORDARSON Transmitter Guide
Just out with the latest. 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. **K20024—Your Cost..... 9¢**

NATIONAL'S Amateur X'Mitter Design

By James Millen
Just released. Contains sections on Exciters, Final Stages, Complete Transmitters, Modulators, Power Supplies and Antennas. Also includes latest and complete National catalog. All articles are profusely illustrated with excellent photos and schematics. Complete data on Oscillography also included. **K20014—Your Cost..... 50¢**

NATIONAL'S Amateur X'Mitter Design

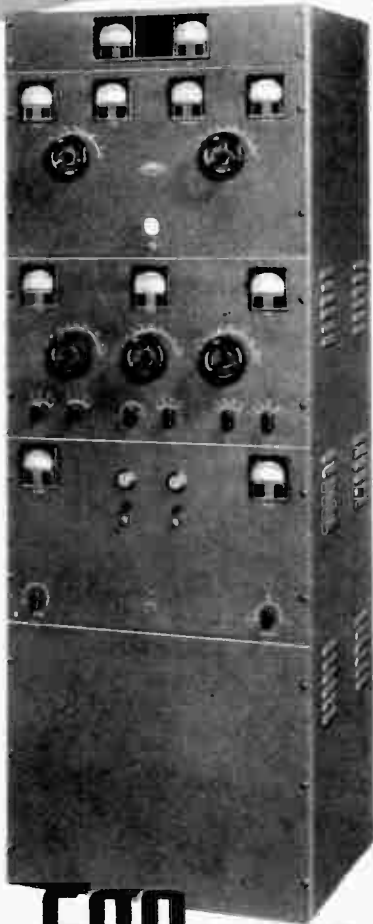
By James Millen
Just released. Contains sections on Exciters, Final Stages, Complete Transmitters, Modulators, Power Supplies and Antennas. Also includes latest and complete National catalog. All articles are profusely illustrated with excellent photos and schematics. Complete data on Oscillography also included. **K20014—Your Cost..... 50¢**

IF IT'S A TEXT BOOK -- We can supply all standard technical text books at lowest prices. When requesting information specify title in full, author and publisher. We will ship as soon as possible.

MULTI-FREQUENCY



C.W. & PHONE TRANSMITTERS



600 WATTS

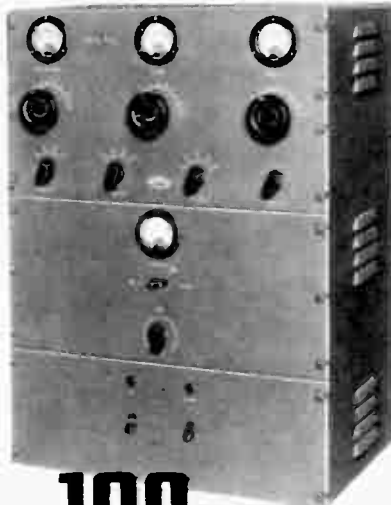
5 Bands—10-200 Meters
With Built-In Oscilloscope
Automatic Plug-In Chassis

Input of 600 watts on telephone and telegraph. Tube line-up: 6L6 crystal oscillator with provision for 4 crystals and front-of-panel selection. Two RK25's as either buffers or multipliers. An RK20A drives the final P.P. stage using RK38's or 10CTH.

The speech amplifier is in a separate desk cabinet, employs 6J7, 6N7, p.p. 6C5s and p.p. 2A3s feeding a 500-ohm line. Two input circuits are provided as well as plate switches for remote control. Response is 60-10000 c.p.s. within 4 db. A jack is provided for keying. A built-in 913 oscilloscope is an integral part of the transmitter. Eleven square bakelite-cased meters provide all plate and grid readings necessary for complete adjustment. Four power supplies are used. In gray crackle steel housing, 66" high, 24" wide, 18" deep, with rear door. K21200—Model 600 phone and c.w. transmitter with coils for 10, 20, 40, 80 and 160 meter operation. Less tubes and accessories. For 110/220 volts, 60-cycle a.c. operation. Shpg. wt. 1100 lbs. **\$1525.00**
YOUR COST

K21201—Multi-antenna switching panel with send-receive antenna relay. Affords push-to-talk operation from remote point. Furnished in cabinet to match. **\$75.00**
YOUR COST

Kit of tubes: 6L6, 4-RK38s, RK20A, 2-RK25s, 2-866s, 5-5Z3s, 82, 6J7G, 6N7G, 2-6C5Gs, 2-2A3s, 913, 6X5. Net..... \$105.20



100 WATTS

5 Bands—10-200 Meters
Completely Self-Contained

The radio-frequency section is built on a single chassis and employs a 6L6 crystal oscillator and harmonic generator. An RK25 pentode operates as either buffer or multiplier. A T55 is used in the class C power amplifier. Both crystal and buffer stages utilize band switching from the front of panel. Provision for 4 crystal holders is incorporated and selection is made by means of a panel-controlled switch.

The speech amplifier and modulator use 6F5, 6C5, 6C5s in p.p. and a pair of 6L6s in class AB2. Gain is 100 db; response is 80-8000 c.p.s. within 4 db.

Four bakelite-cased meters read all plate currents and amplifier grid current. The entire unit is mounted in a gray or black wrinkled finished steel cabinet, 26" high, 19" wide, 13" deep, with safety rear door. Power input is 125 watts phone, 175 watts on c.w. telegraphy.

K21202—Model 100 phone and c.w. x'mitter with coils for 10, 20, 40, 80 and 160 meter operation. Less tubes and accessories. For 115-volt, 60-cycle a.c. operation. Shpg. wt. 275 lbs. **\$310.00**
YOUR COST

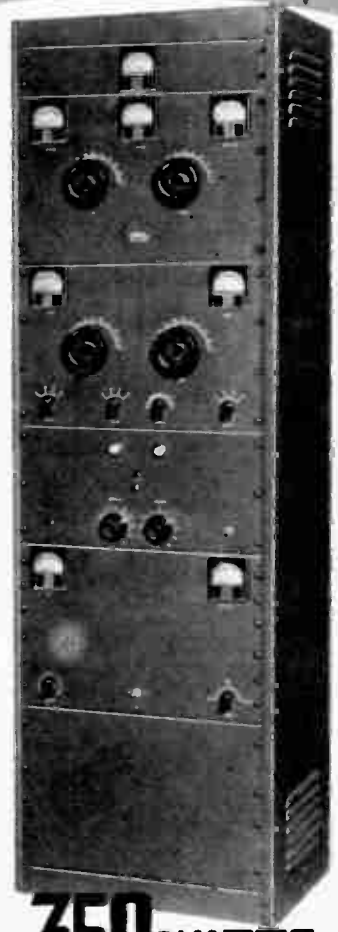
Kit of tubes: T55, RK25, 3-6L6s, 3-6C5s, 2-5Z3s, 2-866s, 82. **\$23.69**
YOUR COST

K21203—Antenna matching network with 2 thermo-couple ammeters. On 8 3/4" panel to match transmitter. **\$75.00**
YOUR COST

1000-WATT TRANSMITTER

The Model 1000 has a power input of 1000 watts on telegraph and telephone. With the exception of a separate speech amplifier-control unit, it is contained in a single steel housing, 72" high, 30" wide, 22" deep. It operates on 10, 20, 40, 80 and 160 meters and employs 2-T200s, RK28, 2-RK25s, 6L6, 2-872As, 3-5Z3s, 82, 6J7G, 6N7G, 2-6C5Gs, 4-2A3s, 2-T822s.

Descriptive Booklet and Prices
Will Be Sent on Request



350 WATTS

5 Bands—10-200 Meters

Input, 350 to 400 watts on telephone; 500 watts on telegraph. Tube line-up: 6L6 oscillator, with positions for 4 crystals selected from front of panel, drives an RK25 buffer amplifier or frequency multiplier. An RK20A furnishes excitation to a pair of T55s in p.p. as the final stage. Incorporates five power supplies.

The speech amplifier consists of a 6J7, 6N7 (electronic mixer), pair of 6C5s and a pair of 2A3s in p.p. Two inputs are provided. Response is 80-10,000 c.p.s. within 4 db. 100% modulation is obtained.

Cross neutralization makes adjustments in the field unnecessary. Remote control is accomplished by means of a separate control box which consists of a set of buttons and keying jack; 12 ft. cable is furnished. With eight square bakelite-cased meters. The steel housing is finished in gray or black wrinkle, with rear door and measures 66" high, 21" wide, 15" deep.

K21204—Model 350 phone and c.w. transmitter with coils for 10, 20, 40, 80 and 160 meter operation. Less tubes and accessories. For 115-volt, 60-cycle a.c. operation. Shpg. wt. 650 lbs. **\$765.00**
YOUR COST

K21201—Multi-antenna switching panel with send-receive antenna relay. Affords push-to-talk operation from remote point. Furnished in cabinet to match. **\$75.00**
YOUR COST

Kit of tubes: 6L6, RK25, RK20A, 82, 3-5Z3s, 2-2A3s, 6J7G, 6N7G, 2-6C5Gs, 2-RK31s, 2-T55s, 2-866s. Net..... \$71.12



hallicrafters



THE 1937 SKY CHALLENGER Five Bands—7.9 to 540 Meters

The Hallicrafter "Sky Challenger" is designed with the specific purpose of satisfying the exacting demands of the transmitting amateur and the advanced short-wave fan at a price that will meet with their whole-hearted approval. Five separate bands cover the complete range from 7.9 to 540 meters with no skips or dead spots.

CONTINUOUS ELECTRICAL BAND SPREAD

A feature of the more expensive Super Skyrider, electrical band spread, makes this receiver an outstanding value. A 338 degree main tuning dial directly calibrated gives you the accuracy wanted for intensive DX work. Tubes used are: a 6C5 oscillator, 6K7 r.f. stage, 6L7 1st detector, two 6K7 i.f. stages, 6Q7G 2nd detector, a.v.c. and 1st audio, 6F6G audio output, 80 rectifier and a 6K7 beat frequency oscillator which is equipped with a pitch control mounted on the front panel.

IMPROVED 10 METER OPERATION

Every up-to-the-minute development is featured in this receiver. Some of the more important are: automatic volume control (with switch), send-receive switch, crystal phasing control (optional), audio and radio frequency gain controls, provision for doublet or conventional antenna, illuminated band-spread dial, sturdy steel cabinet. The 6F6G pentode power output tube delivers four watts of audio output. Iron-core i.f.'s insure increased sensitivity and selectivity; Air-trimmed r.f.'s are employed for greater stability. Controls are conveniently placed for greater ease of long-period operation.

OUTSTANDING S.W. VALUE

The new "Sky-Challenger" is a sensational value. It offers features never before presented at the exceptional prices listed below.

K21085—Model S-15 Sky-Challenger complete with 9 Raytheon tubes, less crystal and speaker. For 110 volts, 60 cycles a.c. Shipping weight 44 lbs. **\$69.50**

K21086—Model SX-15 Sky-Challenger with all tubes and factory-installed crystal, less speaker. For 110 volts 60 cycle a.c. Shp. wt. 45 lbs. **\$79.50**

YOUR COST.....
K21058—8" PM speaker. Matches output of "Challenger". YOUR COST..... **\$9.50**



hallicrafters THE ARISTOCRATS



THE SKY CHIEF

Three Bands—17 to 560 Meters

The Sky Chief has everything the transmitting "ham" and short-wave fan wants—including low cost! Super-sensitivity and a high signal-to-noise ratio make this an ideal set. Three bands cover 17 to 560 meters; 17 to 55.5 meters; 55 to 178 meters, 176 to 560 meters. Large airplane-type dial plus cathode-ray tuning "eye" provides knife-edge tuning accuracy. Tubes used are: 78 r.f. stage, 6A7 detector-oscillator, 6F7 i.f. and beat oscillator, 75 2nd detector, a.v.c., 1st audio, 42 audio output, 8G5 cathode-ray "eye" and an 80 rectifier.

IRON-CORE I.F.

Includes every modern feature—iron-core i.f., automatic volume control, r.f. and audio gain controls, variable beat control on front panel, mechanical band-spread, band-switching, phone jack, calibrated illuminated dial, speaker and power supply included in set cabinet, covers broadcast as well as short-wave bands. Sturdy crackle-finished metal cabinet. Operates on 110 volts, 60 cycle a.c.

K21079—Model S-14 complete with 7 Raytheon tubes, built-in power supply and speaker. Shipping weight 43 lbs. **\$44.50**

TIME PAYMENTS!

Any Hallicrafter set, speaker or combination may be purchased on easy Time Payments to fit your needs. Please consult pages 89 to 92 for our complete Time Payment Schedule.

THE SKY BUDDY

Three Bands—18 to 555 Meters

A genuine Hallicrafter innovation—a real junior communication model receiver complete with built-in power supply, speaker and all tubes, ready to operate—at the amazing price of \$29.50! Five multi-purpose tubes do the work of eight, assuring unbelievably dependable reception. Tunes from 18 to 555 meters in three bands; 18 to 54 meters, 54.5 to 178 meters and 188 to 555 meters. Tuning is accomplished with a calibrated illuminated dial equipped with mechanical band spread.

BUILT-IN POWER SUPPLY AND SPEAKER

Everything needed for 1938 short-wave reception is included. Features are: iron-core i.f. stage, a.v.c. with switch, beat oscillator with switch, phone jack, single tuning control, provision for doublet or conventional antenna. Tubes used: 6A7 detector-oscillator, 6F7 i.f. and beat oscillator, 75 2nd detector, a.v.c., 1st a.f., 42 pentode power tube and an 80 rectifier Black crystalline-finish metal cabinet, 17" long, 7 1/2" high, 8 3/4" deep. For 110 volt 60 cycle a.c.

K21062—Sky Buddy complete with 5 Raytheon tubes and built-in power supply and speaker. Shipping weight 34 lbs. **\$29.50**

1938 CUSTOM-BUILT SUPERHETS



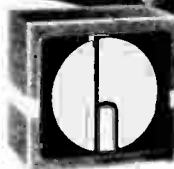
NEW 1938 SUPER SKYRIDER

- ★ 6 BANDS—4.9 TO 550 METERS
- ★ 5 AND 10 METER RECEPTION
- ★ ELECTRICAL BAND SPREAD

The new 1938 Super Skyrider is designed especially for the communication amateur, advanced short-wave fan and commercial services where only the finest is acceptable. The 4.9 to 550 meter range is completely covered. 1000 degrees of band-spread; 5 kc. per division spread on "20" and proportional spread throughout. Wide-range variable selectivity (variable from single-signal position to true hi-fidelity), improved "S" meter, 13 watts of undistorted audio and better than one microvolt sensitivity throughout.

SINGLE SIGNAL CRYSTAL ACTION

The Super Skyrider can be obtained with or without crystal. Tubes used are: 6K7 r.f., 6L7 1st det., 6K7 1st i.f., 6K7 2nd i.f., 6R7 2nd det., 1st a.f. and a.v.c., 6J5 oscillator, 6K7 beat osc., 6J7 "S" meter amplifier, 2-6V6 a.f. outputs and a 5Z3 rect. Among the innumerable features of this Super Skyrider are: air-trimmed r.f.s., steatite sockets in the r.f. section, phone jack in 1st audio, a.v.c., variable pitch control 7000 cycles either side of zero beat. Illuminated main tuning dial covers 338 degrees. The band spread dial is also illuminated and is part of the main tuning unit thus reducing the number of leads and losses. Power supply is included. Just plug in, connect doublet or conventional aerial and the entire short-wave spectrum is yours. Crackle-finish steel cabinet, size: 21" long, 11" deep, 9½" high.



Easy Time Payments

For Time Payment Schedule for all Halli-crafter products refer to pages 89 to 92.

- K21087—Model S-16 with 11 Raytheon tubes, less speaker and crystal. For 110 v. 60 cycles a.c. Wt. 50 lbs.
YOUR COST \$99.00
- K21088—Model SX-16, same as above, but with crystal installed.
YOUR COST \$111.00
- K21089—PM12 Speaker. A 12" P-M speaker in black crystalline case.
YOUR COST \$12.00

OF AMATEUR RADIO RECEIVERS



THE ULTRA SKYRIDER

Four Bands—3.76 to 53 Meters

An amazingly efficient ultra high frequency receiver covering 3.7 to 53 meters in 4 bands: 3.7 to 8.2 meters (79.5—36.4 mc.), 8 to 15.3 meters (38.3—19.6 mc.), 14.1 to 28.5 meters (21.35—10.5 mc.), 26 to 53 meters (11.45—5.65 mc.). Incorporates a sensitive superhet circuit using 10 all-metal tubes: 6K7 panel-controlled r.f., 6L7 1st det., 6C5 osc., 6K7 1st i.f., 6L7 2nd i.f., 6R7 2nd det., beat oscillator, 6Q7 Lamb Noise Silencer detector, 1st audio, 6J7 noise silencer amplifier, 6F6 output and a 5Z4 rectifier.

Features include: 2-step i.f. expander; electron-coupled signal frequency oscillator; crystal phasing control (in xtal model) air-trimmed i.f.s.; a.v.c. switch; send-receive switch; 1600 kc. iron-core i.f.s.; self-contained power supply. Panel size 8¾" by 15".
 K21060—Model S-10 with 10 Raytheon tubes, less crystal and speaker. For 110 v. 60 cycle a.c.
 Shipping weight 44 lbs.
YOUR COST \$99.50

K21061—Model SX-10, as above, but with xtal. **\$114.50**
YOUR COST



THE SKY "COMMERCIAL"

Five Bands—29.5 to 3000 Meters

Covers all bands from 29.5 to 3000 meters WITHOUT SKIP. Fine for the old timer's "watch" on 600. Covers 600-meter ship, 800-meter compass and beacon, NAA time-signals as well as the complete broadcast band and short wave spectrum. Employs 10 all-metal tubes in a sensitive superhet circuit: 6K7 r.f., 6L7 1st det., mixer, 6C5 oscillator, 2-6K7 i.f.s., 6R7 2nd det., a.v.c., and 1st audio, 6K7 electron-coupled beat osc., 2-6L6 outputs, 5Z4 rectifier and 6G5 Cathode-Ray tuning "eye".

Delivers 17 watts of audio. Features steatite insulation, phone jack, field strength indicator; has electrical band spread for all bands (vernier for low frequencies), uses doublet or conventional antenna. Power supply is self-contained. Completely housed in a heavy steel cabinet with 8¾" by 19" panel for rack mounting if desired. Finish is black wrinkle with panel done in Morocco.

K21081—Model S-12 with ten Raytheon tubes, less speaker and crystal. For 110 volts, 60-cycle a.c.
 Shipping weight 50 lbs.
YOUR COST \$99.50

K21082—Model SX-12, as above but with crystal. **\$114.50**
YOUR COST

K21059—12" permanent magnet speaker for use with above. In Steel case (shown).
YOUR COST \$12.00





NATIONAL *Amateur* EQUIPMENT

TYPE "TMS" LOW POWER UNITS

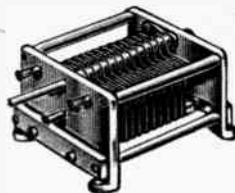
Aluminum plates; heavy aluminum frame; Isolantite insulation; 1/4" shaft, 1 1/2" long; both 2-hole panel mounting and 2-hole base mounting; adjustable rear bearing; TMS units have .026" air-gap. TMSA units, .065"; all screws have lock washers; overall dimensions: 1 3/4" high, 2 1/4" wide, 2 3/4" deep. Compact and rigid enough for mobile, portable and aircraft installations.



Stock No.	Nat. No.	Cap. Mmfd.	No. of Plates	Peak Volts	List Price	Your Cost
K14550	TMS100	100	10	1000	\$2.50	\$1.50
K14551	TMS150	150	14	1000	2.75	1.65
K14552	TMS250	250	23	1000	3.00	1.80
K14553	TMS50D	50-50	5-5	1000	3.75	2.25
K14554	TMS100D	100-100	9-9	1000	4.50	2.70
K14549	TMS300	300	27	1000	3.60	2.16
K14555	TMSA35	35	8	2000	3.00	1.80
K14556	TMSA50	50	11	2000	3.25	1.95

MODERATE POWER, TYPE "TMC"

For use with RK18, RK20, 300, 330, 203A, 210, etc. Peak voltage, 3000; air-gap, .077"; buffed plate edges; aluminum plates and heavy aluminum frame; Isolantite insulation; 3-hole panel mounting with bolts and spacers; flanged legs for base mounting; 1/4" shaft, 1 1/2" long; overall, 3 3/4" wide, 2 3/4" high; stator in split-stator model is supported at both ends. Has double spring type rotor winding contact bolted to frame. Lock-washers are used on all bolts to insure rigidity.



Stock No.	Nat. No.	Cap. Mmfd.	No. of Plates	Peak Volts	List Price	Your Cost
K14592	TMC60	60	7	3	\$4.00	\$2.40
K14593	TMC100	100	13	3 1/2	4.50	2.70
K14594	TMC150	150	21	4 1/2	5.25	3.15
K14596	TMC300	300	39	6 1/2	6.50	3.90
K14595	TMC100D	100-100	13-13	6 1/2	7.50	4.50

Experimenters' Midget Condensers



A low-priced unit for receivers, transmitters and experimental work. Non corrosive brass plates mounted on a sturdy frame. 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	68c
K14343	140	15	75c

*—Dual Spaced

Neutralizing Condensers NC Series

Both plates are insulated from ground by glazed Isolantite pillars; micrometer adjustment. Type NC-800 for RCA-800 or similar tubes. Type NC-150 for 75T, 150T, 300T, 852. Type NC-500 for WE 251A and similar large tubes.



K14259	NC-800.	\$1.80
K14253	NC-150.	\$3.90
K14260	NC-500.	\$7.50

Neutralizing Condensers Type TCN



Rated at 6000 volts peak. For use with 203A, 852, 204A and similar tubes. 25 mmfd. maximum. Isolantite insulation. Panel or base mounting. 3-point panel mounting with bolts and spacers. Long 1/4" shaft. Extra wide plate spacing. Shpg. wt. 2 lbs.

K14261	List \$4.00	Your Cost \$2.40
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Neutralizing Condenser Type STN

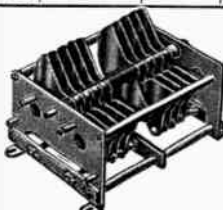
For neutralizing 45, 47, 10 and similar tubes in amplifier, buffer or doubler stages. Isolantite insulated. Maximum capacitance, 18 mmfd., peak voltage breakdown of 3000 volts. Single hole mounting. Shpg. wt. 1 lb.



K14476	List \$2.00	Your Cost \$1.20
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HEAVY DUTY TYPE "TMA"

Plates of heavy aluminum with buffed, rounded edges; heavy aluminum frame; Isolantite insulation outside of concentrated field; 4-hole bolt-spacer panel mounting; 1/4" shaft, 1 1/2" long; flanged legs for base mounting; overall, 4 1/2" wide, 3 1/4" high; type "A" (last letter in Nat. No.), has .171" air-gap; type "B", .265"; type "C", .359"; all others, .077". Lock-washers on all bolts. Doubling spring wiper rotor contact is bolted to frame.



Stock No.	Nat. No.	Cap. Mmfd.	No. of Plates	Peak Volts	Length Inches	Your Cost
K14369	TMA100B	100	23	9000	9 1/4	\$8.10
K14328	TMA50A	50	8	6000	4 1/2	3.90
K14329	TMA100A	100	17	6000	6 1/2	6.00
K14330	TMA150A	150	23	6000	6 1/2	7.20
K14331	TMA230A	230	35	6000	9 1/2	9.60
K14332	TMA50DA	50-50	9-9	6000	6 1/2	6.60
K14333	TMA100DA	100-100	15-15	6000	9 1/2	10.50
K14334	TMA300	300	23	3000	4 1/2	7.20
K14335	TMA200D	200-200	16-16	3000	6 1/2	9.00
K14544	TMA150B	150	35	9000	12 1/2	10.20
K14545	TMA60DB	60-60	15-15	9000	12 1/2	11.10
K14546	TMA50C	50	13	12000	7 1/2	4.80
K14547	TMA100C	100	27	12000	12 1/2	8.70
K14548	TMA40DC	40-40	11-11	12000	12 1/2	8.10

MIDGET RECEIVING CONDENSERS



The "ST" series has 180° straight-line frequency plates, Isolantite insulation, two rotor bearings with front bearing insulated. Rotor contact is through a constant impedance pigtail. Plates and frame are of aluminum. The "SE" series has 270° straight-line wave length plates and includes above features. "SEU" plates are thick, polished aluminum with round edges and are suitable for high voltages. The letter "D" indicates split-stator models. All models have single-hole mountings and 1/4" shafts.

Stock No.	Nat. No.	Cap. Mmfd.	Air Gap Inches	No. of Plates	List Price	Your Cost
K14300	STHS15	15	.018	3	\$1.40	\$0.84
K14291	ST-50	50	.026	11	1.80	1.08
K14293	ST-100	100	.026	20	2.25	1.35
K14294	ST-150	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
K14288	SEU-15	15	.055	6	2.50	1.50
K14290	SEU-25	25	.055	9	2.75	1.65
K14289	SE-50	50	.026	11	3.00	1.80
K14282	SE-100	100	.026	20	3.50	2.10
K14283	SE-150	150	.026	29	3.75	2.25
K14287	SEH335	335	.018	43	4.25	2.55

Only popular models are listed. Complete line promptly available.

Code Practice Oscillator



Contains 4 cells to supply all voltages to a 30 tube. Ideal as a audio 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
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High Voltage Couplings



Isolantite insulated. For 1/4" shafts. Leakage path 3/4" less than overall length.

K14501	TX-1. 1 1/4"	Your Cost Each 60c
K14502	TX-2. 3 1/4"	Your Cost Each 66c

SCREEN-GRID COUPLER S-101
Contains 700-henry choke, .01 mfd. by-pass, 1/4-megohm leak. Gives 2 to 3 times amplification of resistance coupling. List \$6.00
K14509 Your Cost \$3.60

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	Stock No.	Stock No.	Your Cost
One	K14430	K14575	\$9.00
Two	K14431	K14576	12.00
Three	K14432	K14577	14.40
Four	K14433	K14578	16.50

Also available: Complete drive unit only; single sections of 150, 200, 350, 500 mmfd.

Ultra Midget Condensers

For ultra high frequencies. On Isolantite base 1x2 3/4". Can be mounted in shield can.



Shaft extends for ganging. Can be mounted on angle (supplied) or bolts and spacers. Type UMB25 has 2 stators on single rotor.

Stock No.	Nat. No.	Cap. Mmfd.	Your Cost
K14336	UM-15	15	\$0.75
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"

Flexible Shaft Coupling

Isolantite insulation with a short length of flexible shafting. Will drive shaft at any angle up to 90°. Hubs take 1/4" shafts.

K14530	TX-12.	Your Cost 75c
K14531	TX-11.	Your Cost 36c

Shaft Couplings

Isolantite insulation. Takes 1/4" shafts. K8470—TX-9 List \$1.10
Your Cost 66c
As above, but with canvas Bakelite insulation.
K8471—TX10. List 55c
Your Cost Each 33c



NATIONAL SHORT WAVE EQUIPMENT



Crystal Holders

Mount crystals in vertical position. R-39 body, standard 2-prong mig. Metal shield.

K14078 Resonator type. CHR
K14075 Transmitter type. CHR
K14073 Transmitter type (air gap)
CHS. List \$2.50
Your Cost.....**\$1.50**
Any Type.....

High-Power R.F. Choke

Five honeycomb sections on Isolantite core. 10-000-volt insulation. 0.6 ampere rating, 4 mh. inductance, 10-ohm d.c. resistance, distributed cap. 1mmfd. 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**

Universal R.F. Choke

For best performance on 20, 40 and 80-meters. Five-section honeycomb type coil on Isolantite core. 0.6 ampere, induct. 1mh., 6 ohms resistance.

K14326 R-154U
Your Cost.....**\$1.05**

Type R201 H.F. Choke

Completely encased two-section honeycomb wound r.f. choke. Excellent for output circuits of detector stages in super hetero. Induct., approximately 12 mh., d.c. resistance, approximately 120 ohms. List \$1.25

K14393 Your Cost.....**75¢**

R100 R.F. Choke

For receivers and low-power transmitters. Four sections on Isolantite. With long wire leads. Induct., 2½ mh., d.c. resist., 50 ohms, rating, 125 ma., distributed cap., 1mmfd.

K14429 Your Cost 60¢
Your Cost Each.....**36¢**

XR Coil Forms

Made of R-39. Excellent power factor. Machinable, permitting drilling and grooving. Excellent for high frequency circuits.



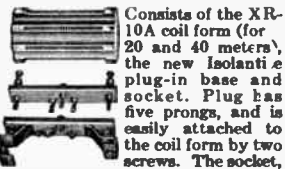
K14448 XR-2. No prongs. 1x 1½" high. List 35¢
Your Cost Each.....**21¢**

K14424 XR-1. 4-prong. 1x1½" high. List 50¢
Your Cost Each.....**30¢**

K14447 XR-3. No prongs. ½x ¾" high. List 30¢
Your Cost Each.....**18¢**

K14418 XR-4. 4-pr. 1½x2½"
K14419 XR-5. 5-pr. 1½x2½"
K14420 XR-6. 6-pr. 1½x2½"
Your Cost, Any Above Type.....**45¢**

Ceramic Coil Forms



Consists of the XR-10A coil form (for 20 and 40 meters), the new Isolantite plug-in base and socket. Plug has five prongs, and is easily attached to the coil form by two screws. The socket,

with five matching jacks, is supplied with special attachments for mounting directly on the tie bars of TMA condensers.

K14347 XR-10A coil form only. 26 turns. 2½x5".
Your Cost.....**90¢**

K14610 PB-15. Plug-in base only. List \$1.35
Your Cost Each.....**81¢**

K14611 XB-15. Socket only. List \$1.75
Your Cost.....**\$1.05**

K14348 XR12A. Coil form only, 28 turns. 4x6¼".
Your Cost.....**\$1.50**

Buffer Form and Base

This coil form, drilled for leads, is of Isolantite 1¼" diameter, 3¼" long, ¾" wall. Shpg. wt. 2 lbs.



K14571 UR13 complete buffer coil assembly Your Cost.....**\$1.50**

K14572 Coil form only. Type XR-13
Your Cost.....**66¢**

K14573 Plug only. PB-5.
K14574 Base only. XB-5.
Your Cost, Either Type.....**45¢**

"913" 1" Oscilloscope

Employs the 913 type tube having a 1-in. screen. Power supply, 60 cycle a w.e.p. built in. Metal case. Is 4½x6¼x8". Wt. 15 lbs. Furnished less tubes. List \$18.50.



K12534 CRM
Your Cost.....**\$11.10**

1-913, 1-6X5 for above.....**\$5.81**

TYPE CRO OSCILLOSCOPE
As above, but with 3" screen. Uses 906 and 80 tubes.
K13832 Less tubes **\$19.50**
Your Cost.....

Type JX-100S 803 Sockets

A wafer type Isolantite 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 Isolantite. New design; for short leads. New contacts.
K14505 Your Cost.....**90¢**

Air-Tuned I.F. Coils Type IFC



Litz wound coils with air dielectric trimmers having aluminum plates and Isolantite insulation. Aluminum shield between capacitors. Rectangular can 4x2½x2".

Threaded spade bolts for mounting.
List \$5.00
K14579—175 kc. i.f.
K14580—450-550 k.c. i.f.
K14581—175 kc. beat oscillator.
K14582—450-550 kc. beat oscill.
Your Cost, Any Type.....**\$3.00**

Low Frequency Oscillator Coil

Two separate inductances, closely coupled, in an aluminum shield. Used in SRR and other super-regenerative receivers, for the interruption frequency oscillator. Secondary inductance 6.25 mh. Tunes to 100 kc. with a .00041 mfd. condenser. Type OSR.
K14600 Your Cost.....**90¢**

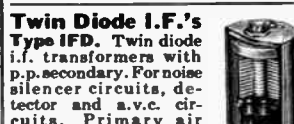


Fixed-Tuned Exciter Tank

Provides a convenient means of making rapid frequency changes in x'mitting. Combines a lo-loss coil form with two independent air-tuned condensers; each has a capacitance of 25 mmf.; for 2000 volts. In shield can 4x2x2½".
K14570 FXT
Your Cost.....**\$2.70**

As above, but with plug-in base. Type FXTB. List \$4.90
Each

K14608 5-prong **\$2.94**
K14609 6-prong



Twin Diode I.F.'s Type IFD. Twin diode i.f. transformers with p.p. secondary. For noise silencer circuits, detector and a.v.c. circuits. Primary air tuned. Isolantite insulation.
K14324 175 kc.
K14325—450-550 kc.
List Price \$3.50
Your Cost Each.....**\$2.10**



STRAIN INSULATOR

Steatite. Aircraft type. Being loaded in compression, provides great mechanical strength. Is ½x1½" long.



Type AA-5.
List Price 30¢
K14497—Your Cost Each **18¢**

FEEDER SPREADER

Steatite. Conventional in design, unusual in efficiency. 6 ½" long, ¾" diameter. Will give 600-ohm surge impedance with No. 12 wire. Type AA-3.
K14498 List 30¢
Your Cost Each.....**18¢**



ANTENNA INSULATOR
Steatite. 4½" long, ¼" diameter. Ample strength. Type AA-6.
K14499 List 35¢
Your Cost Each.....**21¢**

High Frequency Bushings

Steatite. Each pair includes hardware. XSS and 4 are hemispherical in shape.



Stock No.	Type	Height	Pair
K14488	XS-1	1½"	\$0.45
K14489	XS-2	1½"	.54
K14490	XS-3	2½"	3.00
K14491	XS-4	2½"	3.90

Stand-Off Insulators

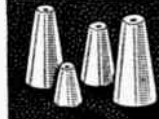
Isolantite Metal mounted top and bottom. Ideal for r.f. choke cores. Shaped for maximum efficiency.



Stock No.	Type	Size - In.	Height	Your Cost
K14479	GS-1	½x1½"		15¢
K14480	GS-2	½x2½"		21¢
K14481	GS-3	¾x2½"		54¢
K14482	GS-4	¾x4"		66¢

Stand-Off Insulators

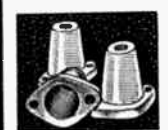
Steatite. Small unit is tapped 8/32 at each end, larger 10/32. Make attractive and efficient job.



Stock No.	Type	Height	Each
K14483	GS-5	1½"	15¢
K14484	GS-6	2"	21¢
K14485	GS-7	3"	45¢

Stand-Off Insulators

Steatite. Stands 1½" high, mounting centers 1½". GS8 has bolt-nut hardware; GS-9 is equipped with a standard jack.



These units are used for mounting apparatus such as coils, condensers, sockets, etc. Two of them joined base to base make an excellent feed-through for antenna.
K14486 GS-8
Your Cost Each.....**21¢**
K14487 GS-9
Your Cost Each.....**30¢**

NATIONAL SHORT WAVE SETS AND ACCESSORIES

NEW! NC-80X AC-DC S. W. RECEIVER



A really new short-wave superheterodyne receiver using 10 tubes and, except for an external speaker, completely self-contained. It is completely equipped—merely plug into any 115-volt socket, a.c. or d.c., connect aerial and ground and tune in. Automatic plug-in coils, similar to those used in the NC-100, cover 550 kc. to 30 mc. (10 to 540 meters), in four bands. A continuously variable crystal filter offers a wide range of selectivity for "ham" knife-edge tuning or short-wave broadcast fan high-fidelity reception. Image rejection is raised to a new high by increasing the overall efficiency of the i.f.s.

Features New "Slide-Rule" Dial

Dial is full-vision, 14" long, separate scales, each one illuminated. Equipped with mirror to eliminate parallax; glass enclosed; ratios, 16:1, 80:1; movable band-setting markers.

K21269—Model NC-80X complete with tubes, power supply, crystal and 8" dynamic speaker. Shpg. wt. 70 lbs. **\$88.00**
List Price \$146.65. Your Cost

K21270—NC80XB; as above, for 6-volt operation **\$88.00**

MODEL NC-81X AMATEUR RECEIVER

Similar to NC-80X, but covering the following bands only, with greatly extended band spread: 1.7-2 mc., 3.5-4 mc., 7-7.3 mc., 14-14.4 mc., and 28-30 mc.

K21271—Your Cost **\$88.00**

K21272—NC81XB; as above, for 6 volt-operation **\$88.00**

A speaker cabinet to match is listed below.

NC-100, NC-100X AND NC-101X SETS



The NC-100's are 12-tube superhets covering from 10-555 meters in 5 bands. Completely self-contained except for external speaker. Use one stage of tuned r.f. and 2 stages of i.f. Crystal filter has variable selectivity and phasing controls. Features 6E5 signal strength indicator tube. Mounted in black, crystalline finished steel cabinet with etched aluminum panel; 17 1/2 x 11 1/2 x 9".

K21256—NC-100 with tubes, power supply, 10" dynamic speaker in matched metal case; less crystal. Shpg. wt. 72 lbs. List \$208.50

Your Cost **\$125.10**

K21266—NC-100 equipped as above; for battery use. Your Cost **\$121.60**

K21257—NC-100X A.C., with tubes, power supply, 10" dynamic speaker in matched metal case; with crystal. Your Cost **\$147.60**

K21267—Similar to above, for battery use. Your Cost **\$138.10**

NC-101X "Ham" Receiver

Similar to the NC-100X A.C., but tunes from 10 to 176 meters in five bands with full electrical band spread on each amateur band. Available for 110/120 volt, 50/60 cycle a.c. and battery operation.

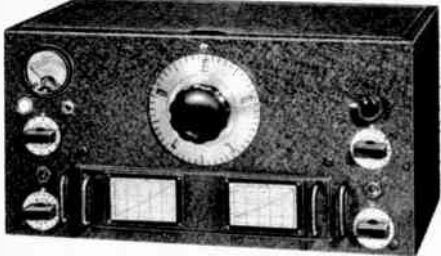
K21263—NC-101X A.C. with tubes, power supply, 10" dynamic speaker in matched metal case and crystal. Shpg. wt. 89 lbs. List \$223.50

Your Cost **\$134.10**

K21268—NC-101X for battery operation. As above, less power supply. Your Cost **\$125.10**

Your Cost **\$125.10**

National "HRO" Standard Receiver



It has been especially designed to meet the demand for a receiver in which price considerations are subordinate to those of reliability and performance.

Two models are available, one using 2.5 volt tubes and the other the 6.3 volt series. The 2 1/2 volt model uses nine tubes (excluding rectifier) as follows: 4-56's, 3-57's, 1-2B7 and 1-2A5. The 6.3 volt model uses 4-6D6's, 3-6C's, 1-6B7 and 1-42. The 2.5 volt model requires the use of a power pack (listed below); the 6.3 volt model is for battery operation.

A complete set of coils is provided with each receiver to cover the range from 1.7 to 30 megacycles.

Entire receiver is housed in a metal cabinet finished in black crystalline lacquer. Size: 8 3/4 x 17 1/4 x 10". Shpg. wt. 30 lbs.

K21264—HRO-2; 2 1/2-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 \$299.50

Your Cost, Either Type **\$179.70**

K21250—HRO-2; 2 1/2-volt rack panel receiver, equipped as above.

K21251—HRO-6; rack panel mounting, for 6-volt battery operation. Shpg. wt. 62 lbs. List \$192.00

Your Cost, Either Type **\$192.00**

K21261—Type 5897 power supply for 2 1/2-volt HRO. For 115 volts, 60 cycles a.c. Less tube. Shpg. wt. 18 lbs. **\$15.90**

List \$26.50. Your Cost

K13773—Additional set of coils from 500 to 1000 kilocycles. List \$20.00 per set. Shpg. wt. 5 lbs. **\$12.00**

Your Cost, per Set

K13774—Additional set of coils from 900 to 2000 kilocycles. List \$20.00 per set. Shpg. wt. 5 lbs. **\$12.00**

Your Cost, per Set

P. M. Speakers for National Receivers

Jensen permanent magnet type speakers. All supplied with universal transformers to match any output tubes.

Stock No.	Model No.	Diam.	Shpg. wt.	List	Your Cost
K19082	PM8-D	8"	6 lbs.	\$8.00	\$4.70
K19086	PM10-C	10"	7 lbs.	13.50	7.50
K19090	PM12-C	12"	8 lbs.	15.50	9.26

STEEL SPEAKER CABINETS FOR ABOVE ON PAGE 119

National "HRO" Junior Receiver

The "HRO" Junior is essentially the same as the standard model described at left, except that the carrier intensity meter and the crystal filter have been omitted. In addition, only one calibration curve is supplied with the coil group instead of two. The Junior has been designed so that the amateur can start with this receiver and build it up to the standard model by adding those features that have been omitted.



K21252—HRO Junior for 2 1/2-volt a.c. operation. With tubes, coils (10 and 20-meter bands). Less power supply and speaker.

K21253—HRO Junior for 6-volt battery operation. Equipped as above. Shpg. wt. 30 lbs. List \$180.00

Your Cost, Either Model **\$108.00**

K21261—Type 5897 power supply for 2 1/2-volt HRO Juniors. For 115-volt, 60-cycle a.c. Less tube. **\$15.90**

Your Cost

K13793—Complete set of coils for 20-40 meter band

K13794—Complete set of coils for 40-80 meter band

K13795—Complete set of coils for 80-160 meter band **\$9.90**

Shpg. wt. 5 lbs. each set. Your Cost, per Set

"One-Ten" Ultra Hi-Freq. Receiver

Tunes from one to ten meters. Employs a 4-tube circuit consisting of a type 954 acorn tube as r.f. amplifier, 955 acorn tube as detector, 6C5 1st audio, 6F6 2nd audio. The heart of the receiver is the precision tuning unit which contributes to its excellence. Front panel has phone jack, switch for cutting "B" supply during transmission, detector regeneration, audio gain, and r.f. alignment controls. For 110/120 volts, 50/60 cycles a.c.; can be used with batteries. Calibration curves furnished. In black, crystalline metal case.



K21254—National type 1-10 receiver complete with all coils, less tubes, speaker and power supply. Wt. 14 lbs. **\$51.00**

List \$85.00. Your Cost

K21255—National type 5886 power supply, less tube (1-80) for use with the above receiver. Shpg. wt. 17 lbs. **\$17.70**

List \$29.50. Your Cost

LAFAYETTE

40 5 WATT BAND

C.W. AND PHONE TRANSMITTER



Model 5B40P 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. K22263—Less tubes, mike, crystal and key. **\$119.95**
Shpg. wt. 114 lbs. 19x17½x13".

Antenna Panel Only: Shpg. wt. 12 lbs. **\$27.75**

K22264—YOUR COST, Less Cabinet. **\$71.50**

R.F. Unit Only: Complete with one set of coils (specify on order). Less cabinet, tubes, crystal, and key. Wt. 38 lbs. **\$71.50**

K22261—YOUR COST **\$40.95**

Modulator Unit Only: Less tubes and cabinet. **\$40.95**

K22262—Shpg. wt. 50 lbs. YOUR COST **\$5.17**

K22194—Single Unit Cabinet. **\$5.17**

COVERS 10, 20, 40, 80, 160 METER BANDS

Incorporates the well-known "Les-Tet" harmonic oscillator as the exciting unit, a 6C6-6L6 buffer-multiplier and an RK-37 final amplifier. Has a conservatively rated output of 40-watts on all 5 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). If desired, the amateur can start with the r.f. unit only; this unit alone is an efficient 40-watt C.W. transmitter. Later, the modulator can be added 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)

Center panel in illustration. Circuit 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 (10, 20, 40, 80, and 160 meters) are covered by means of plug-in coils. Finest components used. Two meters, an 0-50 ma. and a 0-150 ma., are included to read oscillator and amplifier grid current and buffer and amplifier plate current. Gray wrinkle finish. Panel 19 x 8¾". Uses 6C5, 6L6, RK-37, 83.

MODEL 5BM MODULATOR UNIT

Bottom panel in illustration. For use with the above r.f. unit. Self-contained power-supply uses 83 rectifier. Has two inputs—a low level and a high level for simultaneous mixing and fading of crystal or velocity mike with carbon mike, phono pick-up, etc. A separate gain control provided for each input. Gain of high level input, 125 db; gain from low level input 85 db. Response 40-10,000 c.p.s. Tubes used: 6I7, 2-6N7's, 2-6L6's and a 913 oscillograph tube (optional). The 913 tube is used in a built-in oscilloscope which permits visual monitoring of the modulated r.f. Multi-impedance output transformer matches any r.f. load and 500 ohm line; secondary passes a maximum of 160 ma. With a.c. and stand-by switches. Panel 19 x 8¾", gray wrinkle.

MODEL 5BA ANTENNA COUPLING PANEL

Top panel in illustration. Comprises antenna matching network to match any single or two-wire feeder. Uses a variable condenser, inductor and 0-2½ ampere ammeter. Gray wrinkle finish panel.

COMPLETE 40-WATT 3-UNIT RIG

K22259—Lafayette 40-Watt 5-Band Transmitter as illustrated. Complete with operating instructions and set of coils for one of the five bands (specify output and crystal frequency when ordering). 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 **\$16.71**

Kit of tubes, less 913 tube: 6C5, 6L6, 2-6L6G's, 2-6N7's, 6I7, 2-83's, and Raytheon RK37. YOUR COST **\$5.00**

RCA Type 913 Tube (Cathode ray for modulator, optional)... **\$5.00**

ADDITIONAL COILS

K22267—160-meter coil set **\$3.95**

K22268—80-meter coil set

K22278—20-meter coil set

K22279—10-meter coil set **\$3.95**

YOUR COST. Any Set of Coils.

Lafayette Model "19" Transceiver

Tuning Range 56-60 Megacycles

Power output of 2-watts—class B modulation—completely self-contained.

The circuit employs two 19's and a type 30 tube. One 19, driven by a 30, serves as a class B audio amplifier which modulates the other 19, used as a unity coupled p.p. oscillator. In the "receive" position, one 19 is used as a p.p. super-regenerative detector, with the type 30 and the other 19 as 1st and 2nd audio amplifiers. Sufficient output is obtained for loud speaker operation.

COMPLETE IN STEEL CASE

All components, including batteries and tubes, are housed in a portable carrying case of steel, finished in black crystalline. Size: 15" high, 7¾" wide, 6½" deep. Two ceramic stand-offs provided for feeders. Front panel contains gain control, "send-receive" switch, main tuning control, and jacks for phones (or speaker) and for microphone (carbon mike recommended). All inductors wound of hard-drawn copper tubing, rigidly mounted. K21151—Lafayette "19" Transceiver in carrying case, less tubes, batteries and accessories. Wt. 18 lbs. **\$17.95**

YOUR COST **\$4.68**

Kit of Batteries: 3-45's, 1-4½, 1-7½ and 2-1½ v. **\$1.90**

RCA Tubes: 1-30 and 2-19's. YOUR COST **\$1.90**



Lafayette 6-VOLT TRANSCRYPTOR

Self-contained 5-meter rig affording 8 to 10 watts output in the transmit position. Operates from 6 volt storage battery or from 110 volts a.c. (when power pack is added). In black wrinkle finished steel case 15x15x7½", with compartment accessories. In "transmit" position, a 79 drives a 6L6 which modulates a 6E6 unity coupled oscillator. 100% modulation is obtained. In "receive" position, a 79 super-regenerative detector and 1st audio feeds a 6L6 "beam power" output tube. Loud speaker operation obtained. Vernier tuning dials provided. Drain 12 amps. (transmit), 8 amps. (receive).

K21075—5-Meter Universal Transcryptor, less tubes, power supply and hand-set.

Shpg. wt. 35 lbs. YOUR COST **\$37.50**

Kit of tubes: 1-6K7, 1-79, 1-6L6, 1-6E6. YOUR COST **\$3.69**

K14223—Vibrator type power supply only. Furnishes 300 volts at 100 ma. from 6-volt d.c. supply. **\$14.70**

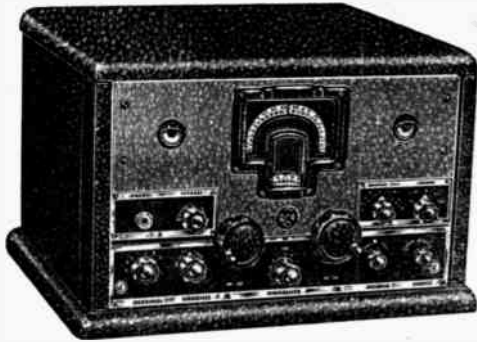
YOUR COST, with 024 Rectifier **\$12.50**

K21076—A.C. Power Pack to adapt Transcryptor for operation from 110 volts, 60 cycles a.c. supply. **\$12.50**

YOUR COST, With 83 Rectifier Tube **\$12.50**



RCA Amateur Apparatus RCA



NEW! ACR-111 COMMUNICATION RECEIVER 10 TO 580 METERS WITH 5 TUNING BANDS

The ACR-111 employs a single-signal, 16-tube superheterodyne circuit with TWO stages of tuned r.f., constant-percentage electrical band-spread on all bands but the broadcast range, two i.f., iron-core stages, crystal filter, calibrated input signal-strength indicator (electron-ray tube), noise limiter, noise suppressor, audio driver stages, push-pull power output stage and a built-in power supply.

All controls are on the front panel at convenient operating height; they include: heterodyne pitch control, calibrated sensitivity and signal-input control, phone jack, noise suppression control, band-change switch, audio volume control, crystal phasing, combined stand-by, a.v.c. off-on, heterodyne pitch off-on switch, hand-spread tuning knob, band selecting tuning, combined power off-on and fidelity control.

ALL COILS SHIELDED

Each circuit utilizes an individually shielded set of inductors. Coil sets not in use are shorted out. Each range is selected by a geared, rotary band-change switch with self-cleaning contacts; operation is from front of panel. Beat frequency variation is obtained by adjusting the magnetite core in the oscillator coil.

NOTHING ELSE TO BUY

The ACR-111 is supplied complete with all built-in coils, tubes, built-in power supply and external speaker. Plug in to power socket, connect serial and the set is in operation. External construction is of metal, in two-tone with fine gray wrinkle finish and reverse etched nickel-silver name plates.

- ★ Three Magnetite-Core I.F. Units
- ★ Complete Electrical Band Spread
- ★ Separate Dust-Proof 8-Inch Dynamic
- ★ Quartz Crystal I.F. Filter
- ★ Noise Suppressor and Limiter
- ★ Two Stages of Tuned Radio Frequency
- ★ 6E5 Signal Strength Indicator
- ★ Employs Delayed and Amplified AVC
- ★ Individual Dial for Each Range
- ★ 16 Tubes; 14 All-Metal, 2 Glass

OUTPUT OF 8 WATTS (Max.)

The tube complement comprises: 4-6K7s as r.f. and i.f. amplifiers, 4-6J7s as oscillators, noise suppressor, 1st detector, 6H6 2nd detector, 6R7 a.v.c. 2-6C6s 1st and 2nd audios, 2-6F6s as push-pull outputs, 6E5 electron-ray tuning and signal-strength indicator and a 5Z3 rectifier. Five watts of undistorted energy are fed into the dustproof 8" dynamic speaker.

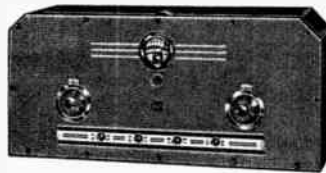
K21108—RCA model ACR-111 short-wave superhet for table mounting. Complete with all tubes, power supply and separate 8" easel-mounted dynamic speaker. For 105/125 volts, 50/60 cycles a.c. Size, 23 1/2" high, 21" wide, 16 1/2" deep. Shpg. wt. 90 lbs.

Your Cost **\$189.50**

The above model is convertible to relay rack mounting, but a rack-mounting model is available on special order.

NEW! ACT-20 PHONE AND C.W. TRANSMITTER Covers 5 Bands—10 to 160 Meters

Offers the reliability and operating ease of factory-built equipment for less than you can build your own. Features single-control panel tuning, full amateur band coverage up to 30 megacycles (10 meters), and complete phone and c.w. operation. The entire equipment is mounted on a single chassis and housed in a cabinet no larger than the average receiver.



WORLD-WIDE 10-METER COMMUNICATION

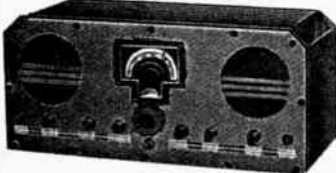
The r.f. system has been designed to make possible rapid changes of both frequency bands and frequencies within any band. Uses plug-in coils. Tube line-up is two 807s as crystal oscillator and beam power amplifier, 80Z buffer doubler, two 83 mercury-vapor rectifiers, two 6L6 modulators, 6F6 audio driver, 6F5 speech input amplifier. Power consumption is 200 watts at 100% modulation. Output is 20 watts c.w., 16 watts phone. A meter is provided for plate readings. Uses any mike terminating in 500 ohms with a level of minus 35 db. For 110/120 volts, 50/60 cycle a.c. In two-tone gray cabinet, 24 1/2" long, 11 1/2" high, 12 1/2" deep; hinged top. **K21182** ACT-20 transmitter as described with one set of coils (specify band desired), less tubes, crystal and microphone. Shipping weight 80 lbs.

Your Cost **\$129.50**

Kit of RCA tubes: 2-807A, 2-83A, 2-6L6s, 80Z, 6F6, 6F5, **\$17.27**
K21187—Set of coils for 160 meters **K21186** Set for 80 meters
K21185—Set of coils for 40 meters **K21184** Set for 20 meters
K21183—Set of coils for 10 meters

Your Cost Per Set, Any Band **\$5.25**

RCA ACR-155 COMMUNICATION RECEIVER



An excellent general purpose communication-type receiver of modest price, designed for superior performance under modern operating conditions. Ideal for the short-wave broadcast fan. Offers continuous tuning from 13.6 to 580 meters (620-22,000 kc.), in three ranges. Uses all-metal tubes throughout: two 6K7 r.f. and i.f. amplifiers, two 6J7

oscillators, a 6L7 1st detector, 6H6 2nd detector and a.v.c., 6F5 audio amplifier, 6F6 pentode output and a 5W4 rectifier.

With Built-In Power Supply and Dynamic Speaker

Features include air-dielectric trimmers in antenna, r.f. detector and oscillator circuits, adjustable magnetite i.f. transformers, 100 to 1 ratio vernier, phone jack, a.v.c. switch, stand-by switch, pitch control, tone control, audio and r.f. gain controls, built-in 6" dynamic speaker. All controls are located at convenient operating height to permit long stretches of operation without undue tiring. For 110/125 volts, 50/60 cycles. a.c. In two-tone gray metal cabinet 24 1/2"x10 1/2"x12 1/2". Shpg. wt. 59 lbs.

K21181—Your Cost Complete with Tubes **\$74.50**

RCA de Forest TRANSMITTING TUBES

Licensed For Ham Use Only



Type	Description	Net Price
283A	Triode—100 watts plate dissipation	\$15.00
284A	Triode—250 watts plate dissipation	97.50
211	Triode—100 watts plate dissipation	15.00
800	Triode—35 watts plate dissipation	10.00
801	Triode—20 watts plate dissipation	3.45
802	Pentode—20 watts plate dissipation	3.30
803	Pentode—125 watts plate dissipation	34.50
804	Pentode—40 watts plate dissipation	15.00
805	Triode—125 watts plate dissipation	15.00
806	Triode—150 watts dissipation	24.50
807	"Beam" screen-grid r.f. amp.	3.30
808	Triode—60 watts plate dissipation	10.00
830B	Triode—60 watts plate dissipation	10.00
834	Triode—50 watts plate dissipation	12.50
838	Triode—100 watts plate dissipation	16.00
840	R.F. pentode—2 volt filament	6.00
841	Triode—15 watts plate dissipation	3.25
842	Triode—12 watts plate dissipation	3.25
843	Triode—15 watts plate dissipation	12.50
844	Screen-grid r.f. amp.—15 watts plate dissipation	18.00
845	Triode—75 watts plate dissipation	15.00
849	Triode—400 watts plate dissipation	160.00
850	Screen-grid r.f. amp.—100 watts plate dissipation	37.50
851	Triode—750 watts-plate dissipation	350.00
852	Triode—100 watts plate dissipation	16.40
860	Screen-grid r.f. amp.—100 watts plate dissipation	32.50
861	Screen-grid r.f. amp.—400 watts plate dissipation	295.00
864	Triode amp. (for pre-amplifiers)	1.00
865	Screen-grid r.f. amp.—15 watts plate dissipation	12.75
954	Acorn pentode, high frequency	5.00
955	Acorn triode, high frequency	3.00
956	Acorn pentode, high frequency	5.00
1602	Triode—15 watts plate dissipation	2.75
1603	Pentode amp. (low micro.)	4.75
1608	Power Amp., Oscillator 20 watts	4.00
1609	Amplifier pentode (low microphonic design)	1.60
1610	R.F. Power Amp., Oscillator pentode	2.00

High-Voltage Rectifiers

217A	Half-wave, high vac.—10 volt filament	28.00
217C	Half-wave, high vac.—10 volt filament	28.00
836	Half-wave, high vac.—2.5 volt filament	11.50
866	Half-wave, merc. vap.—2.5 volt filament	1.75
866A	Half-wave, merc. vap.—2.5 volt filament	4.00
872	Half-wave, merc. vap.—5 volt filament	14.00
872A	Half-wave, merc. vap.—5 volt filament	16.50
878	Half-wave, high vac. for cathode ray	11.00
879	Half-wave, high vac. for cathode ray	3.00
885	Gas triode for cathode ray sweep control	2.00

Type	Screen	Net Price	CATHODE RAY TUBES	Type	Screen	Net
903	9"	\$56.00	909	3"	43.00	
904	5"	52.50	910	3"	21.25	
905	5"	45.00	911	3"	22.50	
906	3"	15.00	912	5"	163.40	
907	5"	48.75	913	1"	5.00	



AMATEUR TRANSMITTING TUBES

Taylor Tubes



TYPE T-20
General purpose triode. Maximum plate dissipation, 20 watts. Efficient on all frequencies up to and including 56 megacycles. Power output in class C is 42 watts, 4-pin base for standard UX socket. Filament 7.5 volts at 1.75 amperes.

Type T-20—**\$2.45**

Similar to T-20, zero bias.

TYPE TZ-20—**\$2.45**

55 watts plate dissipation. For frequencies up to 120 mc. UX base.

TYPE T-55—**\$8.00**

800 watt Class B audio. Special.

TYPE 203Z—**\$8.50**

200 watt input. Carbon plus tantalum anode.

TYPE T125—**\$13.50**

Half-wave mercury-vapor rectifier. Inverse peak 7500 v. 600 ma. current peak. SVEA metal.

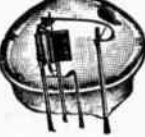
TYPE 866—**\$1.65**

Similar to above, for smaller rigs. Max. d.c. per pair 250 ma.

TYPE 866 JR.—**\$1.00**

Western Electric EQUIPMENT FOR THE HAM

TYPE 316A (Door Knob) Tube



Ultra high frequency oscillator and amplifier; approximately 7.5 watts peak output. Frequency limit 750 megacycles. Overall length 2 3/4", diameter 2 1/4". Maximum plate dissipation 30 watts; plate volts, 450; plate current 80 ma; thoriated filament draws 3.65 amps. at 2 volts a.c. or d.c.

TYPE 316A—**\$10.50**

TYPE 304B Filamentary triode. Grid and plate leads brought out on top of envelope. 60 watts peak output in class B or C operation. Plate dissipates 50 watts. Standard 4-pin base. 7.5-volt filament; max. plate 1250 volts.

TYPE 304B—**\$12.50**

TYPE 305A Filamentary tetrode. Plate dissipates 60 watts. Frequency limit 100 mc. at 500 volts plate. Standard 4-pin base. Max. plate volts, 1000. Plate resistance, 40,000 ohms; amp. fac., 56.

TYPE 305A—**\$38.50**

TYPE 300A

Filamentary triode for use in audio frequency positions for outputs of 10 watts or less. 40 watts maximum plate dissipation; max. plate volts, 450; max. plate current 100 ma.; 5-volt filament draws 1.2 amps. Standard 4-pin base.

TYPE 300A—**\$10.10**

TYPE 306A Filamentary, suppressor grid pentode. Can be used up to 70 megacycles at reduced voltage. 700 volt plate dissipates 15 watts. Filament 2.75 volts.

TYPE 306A—**\$10.80**

TYPE 307A Filamentary, suppressor grid pentode. Maximum plate 500 volts, dissipates 15 watts. Can be used up to 70 mc. at reduced voltage. Filament, 5.5 volts, 1 amp.

TYPE 307A—**\$13.65**

TYPE 242C Filamentary triode. Max. plate dissipation 100 watts. Frequency limit 30 mc. at 600 volts. Max. plate volts, 1250. Fits standard 60-watt socket.

TYPE 242C—**\$15.00**

AMPEREX

ZB-120 Filamentary triode. 75 watts plate dissipation. 150 watts output in class C telegraphy. Works up to 15 megacycles. Requires only 3 to 6 watts drive. Fits standard 50-watt socket. Hi-mu, low-C. Filament 10 volts.

ZB-120—**\$10.00**

HF-200 Hi-frequency, high C. Plate dissipates 150 watts. 400 watts out up to 20 mc.; 350 up to 60 mc. Plate 2000 volts; filament 10 volts. Standard 50-watt base.

TYPE HF-200—**\$24.50**

HF-100 A pair put out 120 watts at 120 mc. l. Output of one is 170 watts at 1500 volts, below 30 mc. 75 watts plate dissipation. Standard 50-watt socket.

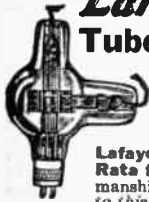
TYPE HF-100—**\$12.50**

HF-300 Plate dissipation 300 watts. Attainable plate power output up to 600 watts. Filament 11 to 12 volts at 4 amps. Standard 50-watt base. Maximum plate voltage, 2200; current, 275 ma.

TYPE HF-300—**\$35.00**



Lafayette Transmitting Tubes Guaranteed for 1000 Hours



All transmitting tubes in the Lafayette line have pure carbon plates, providing high plate dissipation without overheating. They also provide more constant tube characteristics under operation, since the carbon plates do not vary in physical size or warp under heat. Lafayette Transmitting Tubes are Guaranteed Pro-Rata for 1000 hours against defective materials and workmanship; broken glass and burnouts are the only exceptions to this guarantee offer.

Type	Purpose	Your Cost
203A	R.F. or audio amp.—100 watts plate dissipation	\$9.95
203D	High freq. r.f. amp.—120 watts plate dissipation	10.95
204A	R.F. or audio amp.—250 watts plate dissipation	75.00
21A	R.F. or audio amp.—100 watts plate dissipation	9.95
211C	High freq. r.f. amp.—100 watts plate dissipation	10.95
212E	H.F. r.f. or audio amp.—275 watts plate dissipation	67.50
800	R.F. or audio amp.—50 watts plate dissipation	7.50
801	R.F. or audio amp.—20 watts plate dissipation	3.25
805	R.F. or audio amp.—125 watts plate dissipation	14.50
830	R.F. amp.—17 watts plate dissipation	7.25
830B	R.F. or audio amp.—60 watts plate dissipation	7.25
841	R.F. or audio amp.—12 watts plate dissipation	2.50
842	Audio amp.—12 watts plate dissipation	2.50
845	Audio amp.—75 watts plate dissipation	9.95
849	R.F. or audio amp.—400 watts plate dissipation	125.00
852	R.F. amp.—100 watts plate dissipation	14.50
866	H.W. merc. vapor rectifier—.6 amp.	1.65
866A	H.W. merc. vapor rectifier—1.0 amp.	2.25
868	General Purpose Photo Tube	3.50
872	H.W. merc. vapor rectifier—10 amps	10.95
872A	H.W. merc. vapor rectifier—7.5 amps	12.50
875A	15000-volt peak inverse rectifier	32.40

Theatre Exciter Lamps

165	10 Volt, 5 amp. Exciter Lamp	.49
187	10 Volt, 7.5 amp. Exciter Lamp	.49
854	8.5 Volt, 4.0 amp. Exciter Lamp	.49



Transmitting Tubes

Eveready-Raytheon, manufacturers of the famous "four-pillar" receiving tube 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 popular types are listed—we can supply any Raytheon x'mitting tube.

Type	Purpose	Your Cost
RK18	R.F. osc., amp., cl. "B" mod., triode—50 watt.	\$10.00
RK20	Shielded pent., r.f. osc., amp., 80 watt.	15.00
RK22	F.W., high vacuum rect., 1250 v., 600 ma.	7.50
RK23	Shielded pent., r.f. osc., amp., 24 watt.	4.50
RK25	Shielded pent, r.f. osc., amp.—24 watt.	4.50
RK25B	High mu osc., pentode—24 watts (Bakelite Base).	3.90
RK28	R.F. power amp., cl. "B" and "C", pent.—200 watt.	34.50
RK30	High freq., r.f. osc., amp. triode—65 watt.	10.00
RK31	Zero bias cl. "B" modulator, triode—140 watt.	10.00
RK32	High frequency triode—65 watt.	12.00
RK34	High freq., r.f. osc., amp., twin triodes—20 watts.	3.50
RK35	R.F. amp., osc., dblr., 60 watts.	8.00
RK36	R.F. osc., amp., cl. "B" mod., triode—225 watts.	14.50
RK37	Hi mu osc., r.f. osc., dblr.—60 watts.	8.00
RK38	Hi mu r.f. amp., dblr.—225 watts.	14.50
RK39	Beam power tetrode, plate output—40 watts.	3.50
RK41	Beam power tetrode—85 watts	3.50
RK42	Triode amplifier	1.10
RK43	Dual Triode amplifier	1.50
RK44	R.F. pentode, 25-watts. 12 volt heater.	8.50
RK45	R.F. pentode similar to RK25 but 12 v. heater.	5.65
RK46	R.F. pentode similar to RK20A but 12 v. heater.	21.75
RK47	Beam power tetrode—100 watts.	17.50
RK48	Beam power tetrode—230 watts	27.50
RK49	Isolantite base (6 pr.) glass 6L6.	2.10
R866A	H.W., mercury filled rect., 3500 v., 600 ma	4.00



AN EIMAC QUALITY TUBE Type 35-T



The ideal low-power tube for the amateur. Maximum plate dissipation 35 watts. Rated class C output for telegraphy below 50 mc. is 170 watts. Maximum plate, 2000 volts at 150 ma. Filament, 5 volts at 4 amperes. Ceramic 4-pin base. Tantalum electrodes; thoriated tungsten filament. Suitable as oscillator, amp., class B audio, etc.

TYPE 35-T—**\$8.00**

AN EIMAC QUALITY TUBE Type 250TH

Makes an excellent class C amplifier, class B audio and multiplier. Normal plate dissipation 250 watts; plate voltage 3000 volts maximum at 700 ma. Can be operated at zero grid bias up to 1400 volts plate. Filament volts 5 at 10.5 amperes. Amplification factor, 32. A pair can be operated at an input of 1000 watts with as low as 1500 volts on the plate.

TYPE 250TH—**\$24.50**

We can supply any Eimac tube not listed here at best prices.

AN EIMAC QUALITY TUBE Type 100TH

Normal plate dissipation 100 watts. Maximum plate voltage, 2000 at 225 ma. Filament volts, 5 at 6.5 amperes. Easy to excite in class C r.f., class B audio or multiplying. 400 watts or better can be obtained in class C without exceeding rating. Operates at zero bias at plate potentials up to 1250 volts.

TYPE 100TH—**\$13.50**



To Speed Handling of YOUR Order -- Use Our Order Blank

New Iron-Core I. F. Transformers



Cores of finely powdered magnesium alloy. Used with all tubes normally used in i.f. stages. Extremely high gain and selectivity. Mica trimmers on Isolantite base. All tuned to 465 kc. Overall, 1 3/4" square, 4 1/2" high; spade bolt mounting on 1 1/2" centers. For one and two stage amplifiers.

K8725—Single stage input. ICT1
K8730—Single stage output. ICT2
K8731—Two stage input. ICT3
K8732—2 stage interstage. ICT4
K8733—2 stage output. ICT5
Your Cost, Any Type..... \$1.76

Variable Coupling I. F. Air-Tuned Transformer

Continuously variable coupling to offer maximum in fidelity or selectivity. 3-pie Litz windings on Isolantite. Tuning condensers are air-type, mounted on side of can. Coupling may be fixed or varied from front of panel using unit listed below. Shield can is 2x2" by 5" high. **K8537**—For 465 Kc. Type VT. **K8538**—For 175 Kc. **Your Cost Each..... \$3.23**
K8536—Type VTC panel control unit for up to 4 i.f. t's. **Your Cost Each..... \$1.47**



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 116 with gain of 200 per stage. Beat oscillator has lever to obtain 1000 or 1500 kc. note. **2 3/4" diam., 5" high. Type ATT.**
 Not Peaked Center
 Tapped at Tapped
K8542 465 kc. **K8495**
K8544 175 kc. **K8493**
K8543—465 kc. beat oscillator.
Your Cost Each, Any Type..... \$2.65



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 at Tapped
K8539 175 kc. **K8466**
K8540 465 kc. **K8467**
K8541—465 kc. beat oscillator.
Your Cost Each, Any Type..... \$97c



Type "ST" Midget I. F.s

Similar to above, but 2 1/4" high by 1 1/2" square; 1 3/8" centers. 262 kc. type is especially designed for automobile receivers.
 Not Peaked Center
 Tapped at Tapped
K8734 175 kc. **K8737**
K8735 465 kc. **K8738**
K8736 262 kc.
K8739—465 kc. beat oscillator.
Your Cost Each, Any Type..... \$97c

"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 1/2" 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. **K9788—Your Cost \$1.76**

Individual 4-Prong Coils

Stock No.	Meters	List	Net
K8500	10 to 20	\$1.00	59c
K8474	17 to 41	1.00	59c
K8475	33 to 75	1.00	59c
K8476	66 to 150	.75	44c
K8477	135 to 270	.75	44c
K9790	250 to 560	1.25	73c

SWK6—6-PRONG KIT

Kit of four 3-winding coils covering from 17 to 270 meters with 140 mmfd. condenser. **K9789—Your Cost \$2.20**

Individual 6-Prong Coils

Stock No.	Meters	List	Net
K8501	10 to 20	\$1.25	73c
K8478	17 to 41	1.25	73c
K8479	33 to 75	1.25	73c
K8480	66 to 150	1.00	59c
K8481	135 to 270	1.00	59c
K9791	250 to 560	1.50	88c

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 and meter indexes for wavelength inscription. Size 1 1/2" diameter, 2 1/2" long.
K9970—4-prong **Ea. \$2.1c**
K9972—6-prong **Your Cost Each \$2.4c**
K9971—5-prong



TCF Transmitting Coil Form

These giant forms are made of XP53 and are groove ribbed for air-spaced windings. Supplied with brackets for base mounting. 2 1/4" winding diameter, 3 3/4" long exclusive of prongs. Flange grips for easy handling. Fit standard 4 and 5-prong sockets.
K8740—4-prong **Your Cost, Either Type \$41c**
K8741—5-prong



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 **Your Cost, Ea. \$73c**



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 **Your Cost \$59c**



CS Coil Shield

This coil shield is a very effective general purpose unit. Made of heavy aluminum of two pieces and slotted for easy handling. It is 3" in diameter and 3 1/2" high. Easily mounted.
K8742—CS-3 **Your Cost \$29c**



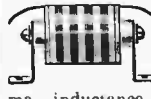
TS Tube Shield

Complete electro-magnetic isolation is afforded by the Hammarlund TS tube shield. Of heavy aluminum. Measures 4 1/2" high by 1 1/2" diameter; mounting centers 1 1/2". Designed for maximum cooling. Especially close fitting construction.
K1324—**Your Cost \$24c**



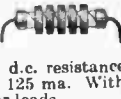
Isolantite R. F. Choke

For short- and ultra-short-wave receivers and transmitters. 4 windings carry 125 ma., inductance 8 mh., d.c. resistance 70 ohms. Is 1 1/2" x 7/8".
K8524—Type CH-5 **Your Cost Each \$65c**



Midget R. F. Choke

5 universal-wound pies on Isolantite core 1 1/2" long, 1 1/2" in diameter. Inductance 2.1 mh., d.c. resistance 35 ohms, rated at 125 ma. With long, tinned copper leads.
K10002—Type CH-X **Your Cost Each \$35c**



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 2.5 mh., d.c. resistance 8 ohms. For parallel feed. Effective from 1500 to 15000 kc., except 6300-6400 and 8000-9000 kc.
K8522—Type CH-500 **Your Cost \$1.03**
Each



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 CH16S **Your Cost \$59c**
Bakelite-Cased Chokes
 Type RFC85—Passes 60 ma. 85 millih., 215 ohms. **\$1.18**
K8525—Your Cost
 Type RFC250—250 millih., at 60 ma., 420 ohms. **\$1.32**
K8526—Your Cost



Air-Padding Condensers

Isolantite base; soldered brass plates; 0.15" air-gap; only 1 1/2" x 1 1/2" x 1 1/2" high. Screw-driver adjustment; maintain constant capacity under all climatic conditions. Type APC.



Stock No.	Cap. Min.	Mmfd. Max.	Your Cost
K8623	3	25	\$0.76
K8624	3.9	50	.88
K8625	4.5	75	1.00
K8626	5.5	100	1.12
K8743	6.5	140	1.32

Equalizers

Mica dielectric; Bakelite base; phosphor bronze plates; Size of base 1 1/2" by 1 1/2". May be attached directly to binding post of socket, etc.
K9748—3 to 85 mmfd. EC-35. **Your Cost Each \$18c**
K9749—25 to 80 mmfd. **Your Cost Each \$24c**



Mica Trimmers

Type "MICS". Mounted on Isolantite bases. Imported mica dielectric. Size, 1x1 1/2"; mounting centers 1 1/2". Tested for 500 volts d.c. breakdown.



Stock No.	Cap. Min.	Mmfd. Max.	Your Cost
K9952	10	70	29c
K9953	70	140	35c
K9954	140	220	41c
K9955	600	1000	59c

Type "MEX" Trimmer

Mica dielectric on Isolantite base. Size, 3/8" x 3/8". Has capacitance of 3 to 30 mmfd. For use in small spaces; self-supporting in wiring.
K9747—MEX-30 **Your Cost Each \$18c**



"S" Isolantite Sockets

Glazed top and sides, rust proof contacts. 2 1/4" long, 1 1/2" wide.
No. Prongs
K8496 4 **K8499** 7 L
K8497 5 **K8530** 7 S
K8498 6
Your Cost Each, Any Type \$35c
K8532—8 octal. **Each \$44c**



H. F. ACORN SOCKET

Isolantite base. Silver-plated double-grip spring clips 1 1/2" diameter. Aligning plug. Designed specially for use with the 954, 955 (acorn) tubes.
K8473—Type S-900 **Your Cost Each \$88c**



HAMMARLUND S. W. Manual—3rd Edition

Construction details on the 13 most popular s.w. receivers as suggested and endorsed by editors of Q.S.T., Radio News, Radio and Short-Wave Craft, N. Y. Sun. 32 pages, profusely illustrated. Gives complete diagrams, list of parts, pictorial diagrams, photos, etc.
K20023—SWM-37 **Your Cost \$10c**



Hammarlund "SUPER PRO" Receiver AND SHORT-WAVE EQUIPMENT

HAMMARLUND'S 25TH YEAR



ENJOY IMPROVED TEN-METER OPERATION WITH THE NEW SUPER-PRO

Hammarlund now announces a special Super-Pro covering from 1.25 to 40 megacycles (7.5 to 240 meters) in the five bands! TWO STEPS OF R.F. AMPLIFICATION ARE USED ON ALL BANDS. This provides an image rejection ratio of 150 to 1, and a sensitivity of 0.8 micro-volt with a signal-to-noise ratio of 6 to 1 at 28 mc. The 28-30 mc. band is covered by 90° of electrical band-spread tuning.

All other features that are found in the standard (15-555 meter) Super-Pro have been retained in this model, the only difference being the substitution of the 7.5 to 15 meter band for the broadcast band.

WITH SEPARATE POWER SUPPLY

Both models include direct tuning, calibrated 8-16 kc. band-width panel control, audio and sensitivity controls, calibrated beat oscillator control, 8 metal and 8 glass tubes, stand-by switch, posts for relay, a.v.c.-manual switch, c.w.-mod. switch, phone-speaker switch, variable crystal filter (optional) and grid bias rectifier. The tube complement comprises: two 6K7's, a 6L7, 6J7, three 6D6's, two 6B7's, a 6C5, 6C6, three 6F6's, 5Z3, 80. Black lacquered steel case, 18" wide, 14 1/4" deep, 10 1/2" high. Special models incorporating 1000 to 2000 meters also available.



- ★ Two Steps of All-Band RF
- ★ Three Hi-Fi Audio Stages
- ★ With Visual Tuning Meter
- ★ Electrical Band Spread
- ★ Four Air-Tuned I.F. Steps
- ★ Audio Output of 15 Watts
- ★ Double-Diode 2nd Detector

FOR COMPLETE DETAILS SEND FOR DESCRIPTIVE BOOKLET—IT'S FREE.

15 TO 555 METER SUPER-PRO

K21040—Table model SP110 with tubes, power supply and Jensen 8" dynamic speaker. Less crystal. List \$405.00 **Your Cost... \$238.14**

K21041—Table model SP110X, as above but with crystal. List \$435.00 **Your Cost... \$255.78**

K21042—Rack model SPR110 complete, less crystal. List \$442.50. **Your Cost... \$260.19**

K21043—Rack model SPR110X complete with crystal. List \$472.50. **Your Cost... \$277.83**

7.5 TO 240 METER SUPER-PRO

K21044—Table model SP110S with tubes, power supply and Jensen 8" dynamic speaker. Less crystal. List \$405.00 **Your Cost... \$238.14**

K21045—Table model SP110SX, as above but with crystal. List \$435.00 **Your Cost... \$255.78**

K21046—Rack model SPR110S complete less crystal. List \$442.50. **Your Cost... \$260.19**

K21047—Rack model SPR110SX complete with crystal. List \$472.50. **Your Cost... \$277.83**
Add \$11.76 to above prices for 110-volt, 25 cycle a.c. No extra charge for 220-volt, 60 cycle a.c. if specified when ordering.

Type "MC" Midget Units



Cadmium-plated soldered brass plates; Isolantite insulation; heavy aluminum ends; single-hole mount;

.0245" gap; .0225" plates; 1/4" shaft, can be ganged; silver plated Beryllium wiper; has stop; 500-volt a.c. test; all are clockwise. Vibration-proof construction.

Stock No.	No. of Plates	Cap. Mmfd. Min.-Max.	Your Cost
K8503*	8	4.5-20	\$0.82
K8504*	5	5-35	.88
K8505*	7	6-50	.94
K8506†	11	6.5-80	1.18
K8507†	11	7-80	1.18
K8508†	14	7.5-100	1.32
K8509†	14	7-100	1.32
K8510†	19	8-140	1.47
K8511†	19	9-140	1.47
K8511†	27	10-200	1.62
K8512†	34	11-260	1.76
K8513†	43	13-320	2.06

"MCD" Split-Stator

Stock No.	Cap. Per Sec.	Mmfd. Cap.	Min. Cap.	Your Cost
K8519†	140	7	7	\$2.35
K8520†	100	6	6	2.06
K8521†	50	5	5	1.76

*Semi-circular plates. †Midline.

STAR Midget Condensers

Non-corrosive aluminum plates, Bakelite insulation. Single-hole mount, 1/4" shaft. Wiper spring contact to rotor plates insures perfect contact.



Stock No.	Cap. Mmfd.	Depth Inches	Your Cost
K8482	15	1 1/4	49c
K8483	25	1 1/4	49c
K8484	50	1 1/4	53c
K8485	100	1 1/4	59c
K8486	140	1 1/4	73c
K8487*	35	1 1/4	59c
K8489*	50	1 1/4	73c

*Double-spaced transmitting units.

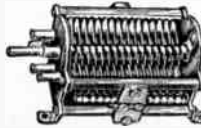
Shaft Coupling

Bakelite canvas; brass bushings for 1/4" shafts; 4 set-screws for shaft; overall diameter 1 1/2". **K8412—FC Your Cost... \$35**



TYPE "MTC" TRANSMITTING CONDENSERS

For high and ultra-high frequency medium and low powered units. Aluminum end frames and plates; stainless steel shaft; bronze front bearing on Beryllium disc; Isolantite insulation; silver-plated Beryllium wiper; for panel or base mounting. Type A rated at 5500 volts, 3000 volts for B types, 1000 volts for C types. Complete with four base mounting brackets.



Stock No.	Hamm. No.	Cap. Mmfd.	No. of Plates	Length Inches	Plate Space	List Price	Your Cost
K8710	MTC35A	35*	15	4 3/8	.171	\$6.00	\$3.53
K8711	MTC20B	20†	5	2 3/8	.070	3.25	1.91
K8712	MTC35B	35‡	7	2 3/8	.070	3.50	2.06
K8713	MTC50B	50‡	11	2 3/8	.070	3.90	2.29
K8714	MTC100B	100‡	21	3 3/8	.070	5.00	2.94
K8715	MTC150B	150‡	31	4 3/8	.070	6.10	3.59
K8716	MTC50C	50†	5	2 3/8	.081	2.80	1.65
K8717	MTC100C	100†	11	2 3/8	.081	3.05	1.79
K8718	MTC150C	150†	15	2 3/8	.081	3.20	1.88
K8719	MTC250C	250†	25	3 3/8	.081	3.60	2.12
K8720	MTC350C	350†	35	3 3/8	.081	4.00	2.35

*Polished round edge plates—.040" thick. †Polished round edge plates—.025" thick. ‡Standard type plates—.025" thick.

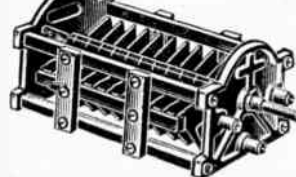
TYPE "MTC-D" SPLIT-STATOR CONDENSERS

Same design and constructional features as above units. Size overall, 3 3/8" wide, 2 3/8" high; length is given below.

Stock No.	Hamm. No.	Cap. Mmfd. per Sec.	Cap. Mmfd. Series	Plates per Sec.	Length Inches	Your Cost
K8721	MTCD20B	20	10	5*	3 3/8	\$3.09
K8722	MTCD35B	35	18	7*	3 3/8	3.38
K8723	MTCD50B	50	25.5	11*	3 3/8	3.82
K8724	MTCD100B	100	51	21*	3 3/8	5.14
K8725	MTCD50C	50	25.5	5†	3 3/8	2.65
K8726	MTCD100C	100	51	11†	3 3/8	2.94
K8727	MTCD150C	150	77	15†	3 3/8	3.09
K8728	MTCD250C	255	135	25†	4 3/8	3.53

*Polished round edge plates, .025" thick—.070" plate spacing. †Standard type plates, .025" thick—.081" plate spacing.

"TC" TRANSMITTING UNITS



Cast aluminum ends; aluminum plates; Isolantite insulation; 1/4" stainless steel shaft; type A rated at 6500 volts, B at 3500 volts, C at 1200 volts; rear ball bearing; size overall, 4 1/2" wide, 3 3/8" high, length is tabulated; all have polished round edge plates, .04" thick, except type C which has standard plates.

Stock No.	Hamm. No.	Cap. Mmfd.	No. of Plates	Plate Space	Length Inches	List Price	Your Cost
K14063	TC50A	50	11	.192	4 3/8	\$6.50	\$3.82
K14064	TC100A	98	21	.192	6 3/8	9.50	5.59
K14065	TC150A	145	31	.192	9	12.50	7.35
K14067	TC100B	100	11	.080	3 3/8	5.50	3.23
K14068	TC150B	155	17	.080	3 3/8	6.50	3.82
K14069	TC225B	220	23	.080	4 3/8	8.00	4.70
K14073	TC350C	350	19	.088	8 3/8	5.00	2.94

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. Ideal for ham receivers.



Stock No.	Type No.	Cap. Mmfd.	Your Cost
K8516	MC120B	18	\$1.76
K8517	MC150B	50	1.91

Dual-Spaced Midgets

For Transmitters; .0175" air gap; Isolantite insulation; single-hole mount; compact.

Stock No.	Type No.	Cap. Mmfd.	Your Cost
K8527	MC20MX	20	\$1.18
K8468†	MC20SX	20	1.18
K8488†	MC35MX	32	1.32
K8489†	MC50MX	50	1.62
K8490*	MCD85MX	81-31	2.96
K8528*	MCD35SX	81-31	2.06

*Split-stator condenser. †Straight Line.

"HF" Micro Condensers

Cadmium-plated, soldered brass plates; Isolantite insulation; single-hole mounting or base mounting. Double units have inter-shield and silver-plated Beryllium wipers for each section.



Stock No.	Cap. Mmfd.	No. of Plates	Your Cost
K8700	17.5	5	\$0.73
K8701	35	10	.88
K8702	50	14	.94
K8703	100	27	1.12
K8704	140	37	1.32
K8705*	80	20	1.09

Split-Stator Units

Stock No.	Cap. Mmfd.	No. of Plates	Your Cost
K8706	50	14	\$1.62
K8707	100	27	1.91
K8708	140	37	2.21
K8709*	28.5	19	1.91

*Indicates double spacing.

Special condensers can be supplied to order. Specify rotation, capacitance, spacing, shaft extensions, etc. Standard Hammarlund products are shipped without delay.



Transmitting APPARATUS



BEAM POWER MODULATION KITS



All beam power amplifier kits are furnished with metal dust covers (screens shown above) and carrying handles.

K21248—UTC PAK-1XM amplifier kit. Self-bias 35 watts output, with 2-position mixer. High impedance input, gain 118 db with provision for immediate switchover to 95 db gain with connection either for triode plate or 500 or 200 ohm input line. Varimatch output impedances available are: 220, 405, 1180, 2350, 2400, 3000, 4000, 4670, 4750, 5650, 7000, 9100, 9500 ohms. Shpg. wt. 48 lbs. **\$47.04**
Your Cost, less tubes

K21249—UTC PAK-2XM amplifier kit. Same as above, but has output of 55 watts fixed bias. Output impedances on 3800 ohms plate to plate are: 380, 660, 2050, 3740, 4100, 7000, 7500, 8200, 12000, 12600, 15000, 16400, 21500, 29800 ohms; on 4000 ohms p. to p.: 237, 1300, 1750, 2700, 3270, 5200 ohms. Shpg. wt. 54 lbs. **\$49.98**
Your Cost Complete, less tubes

Kit of tubes for PAK-1XM and PAK-2XM kits: 3-6C5's, 2-6L6's, 1-83, 1-6J7. Your Cost \$6.57

K21244—UTC PAK-3XM amplifier kit with 2-position mixer. 70 watts audio power, self bias; 110 watts fixed bias. Gain 110 db. High impedance input. Uses 1-6J7, 1-6C5, 2-6A6G's, 4-6L6's, 3-83's, 1-80. Varimatch output impedances, for fixed bias are: 200, 350, 1070, 1950, 2150, 3620, 3920, 4300, 6350, 6550, 6900, 8600, 11400, 15700 ohms; for self-bias: 330, 580, 1800, 3250, 3650, 6100, 6500, 7100, 10400, 11000, 13000, 18600, 26000 ohms. **\$76.44**
Your Cost Complete, less tubes Wt. 100 lbs. \$11.28
Kit of tubes for above

K21245—UTC PAK-5XM amplifier kit, with 2-position mixer. Uses newest 6V6 beam power tubes. Self bias 15 watt; audio and power on one chassis. Gain 120 db high impedance input, with provision for switchover to 100 db gain position. Output impedances are: 270, 500, 1440, 2760, 2900, 3700, 4900, 5650, 5800, 6900, 8400, 11000, 12000 ohms. Shpg. wt. 35 lbs. List \$55.00. **\$32.34**
Your Cost Complete, less tubes
Kit of tubes for above: 1-6J7, 1-6C5, 2-6V6's, 1-83 \$3.75



VARITRAN Voltage Control



Type V-1 Zero to 130 Volts

The Varitran is an ideal voltage control unit of the type employing a sliding contact riding over the transformer turns. Varitran provides stepless control from zero to 130 volts, and is designed to control voltage to any load which draws a maximum of 5 amperes at 115 volts. Fully shielded and provided with cord, plug and switch. 670 watts maximum rating. Approx. size: 7 1/2 x 6 x 4". Shpg. wt. 14 lbs. Type VI. **\$9.80**
K5771—Your Cost

Type V-2: Same as above, but uncased. With terminal strip. Suitable for rack panel mounting. Size: 7 x 6 x 4". Shpg. wt. 13 lbs. **\$8.82**
K5772—Your Cost

Type V-3: Same as above, uncased, 850 watts maximum rating, 7.5 amps. 8 x 8 x 6". Shpg. wt. 20 lbs. **\$14.00**
K5773—Your Cost

Type V-4: As above, uncased, 1250 watts, 11 amps. maximum rating. 10 x 10 x 7". Shpg. wt. 35 lbs. **\$20.00**
K5774—Your Cost

PAK-7A PRE-AMPLIFIER KIT



Designed especially for use by amateurs, also well suited for P.A. work. The pre-amplifier kit affords high gain, is exceptionally well filtered and is designed to operate from the power supply in the main amplifier. High impedance input. Circuit employs a 6F5 resistance coupled to a 6C5. Overall gain 60 db. Output impedances are 50, 200 and 500 ohms. (135 to 250 volts, 10 ma.). The kit contains all the necessary parts, including: chassis, sockets, resistors, capacitors, terminals, hardware, etc., etc. Also supplied with shielded connectors. Nothing else to buy (except tubes). Full instructions included with each kit. Shpg. wt. 15 lbs. List price \$15.00. **\$8.82**
Your Cost Complete, less tubes
Kit of tubes for above; 1-6F5, 1-6C5 \$1.36

CHROMSHIELD AUDIO COMPONENTS



A high quality line of audio components, all featuring: gleaming chrome plated welded cases; vacuum treated and humidity proof; units fully clamped internally; trim professional appearance; scientifically correct design. Type CS illustrated at left, type CV at right. Units are compact, and can be mounted in any position. Other chromshield units listed in FREE catalog.



Dimensions of Chromshield Audios
CS-2: 3 1/2" long, 1 1/2" wide, 2 1/2" high; centers 2 1/2"
CS-3: 3 1/2" long, 2" wide, 2 1/2" high; centers 3 1/4"
CS-4: 4 1/2" long, 2 1/2" wide, 2 1/2" high; centers 3 3/4"
CV: 3 1/2" long, 4 1/2" wide, 4 1/2" high; centers 2 1/2" x approx. 2 3/4"

K5745—Push-pull triode 56, 37, 57, 77, 6C6, 6C5 plates to two or four A prime 46, 2A3, 42, 2A5, 6F6, 6D5, 6L6 grids. C-3 mtg. Shpg. wt. 2 lbs. **\$2.06**
Your Cost

K5758—30 henrys, 75 ma.; 350 ohms. C-4 mtg. Shpg. wt. 3 lbs. **\$1.76**
Your Cost

K5759—10 henrys, 150 ma.; 95 ohms. C-4 mtg. Shpg. wt. 3 lbs. **\$1.76**
Your Cost

K5760—Class B input choke. Max. d.c. 175 ma. C-4 mtg. Shpg. wt. 3 lbs. **\$1.76**
Your Cost

Filament Transformers
All primaries for 115 volts, 60 cycles a.c. only.

K5761—2.5 volts c.t. at 6 amps. 1000 volts insul. C-2 mtg. Shpg. wt. 2 lbs. **\$1.03**
Your Cost

K5762—6.3 volts c.t. at 3 amps. 1000 volts insul. C-2 mtg. Shpg. wt. 2 lbs. **\$1.33**
Your Cost

K5763—2.5 volts c.t. at 12 amps. 1000 volts insul. C-3 mtg. Shpg. wt. 2 lbs. **\$1.33**
Your Cost

Universal R.F. Output

A modification of design features incorporated in more expensive units. Maximum output of 20 watts available. Primary designed for class A, AB and class B tubes like the 45, 50, 2A3, 2, 59, 46, 47, 2A5, 6F6, 6V6, 6B5, 6A6, 53 and 79 to an r.f. load of 5000 or 3500 ohms. C-4 mtg. Wt. 6 lbs. **\$2.06**
Your Cost

Filter Chokes

K5756—15 henrys, 60 ma.; 240 ohms. C-2 mtg. Shpg. wt. 5 lbs. **\$1.18**
Your Cost

K5757—20 henrys, 90 ma.; 400 ohms. C-4 mtg. Shpg. wt. 3 lbs. **\$1.47**
Your Cost

VARIPOWER Autotransformers

Designed to effect reduced power for transmitter operation. Are so arranged that simultaneous with line voltage correction, any output voltage from zero to 130 volts can be obtained in five volt steps. Varipower thus permits control of filament voltage at the tube socket (to within 2 1/2% of any desired value simultaneously with line voltage and plate voltage control. Can also be used to reduce or increase voltages on filament transformers. Has taps at: 25, 55, 75, 95, 100, 105, 110, 115, 120, 125 and 130 volts.



VA-1: 150 watts output. 4 3/4 x 3 1/2". Wt. 6 lbs. **\$3.53**
K5766—Your Cost

VA-2: 250 watts output. 4 3/4 x 4 1/2". Wt. 9 lbs. **\$4.41**
K5767—Your Cost

VA-3: 500 watts output. 5 1/2 x 4 1/2". Wt. 11 lbs. **\$5.88**
K5768—Your Cost

VA-4: 1000 watts output. 6 1/2 x 6 1/2". Wt. 19 lbs. **\$8.82**
K5769—Your Cost

VA-5: 2000 watts output. 7 x 6 1/2". Wt. 25 lbs. **\$11.76**
K5770—Your Cost

Write today for a FREE copy of the new 52 page UTC transformer catalog. It will help you.

Input Transformers

K5741—Driver plate to 53, 6A6, 49, 79 or 89 grids. C-4 mtg. Shpg. wt. 3 lbs. **\$1.62**
Your Cost

K5742—Driver 46 or 59 plate to 46 or 59 grids. C-4 mtg. Shpg. wt. 3 lbs. **\$1.62**
Your Cost

K5743—Single 2A3, 45, 42, 2A5, 6F6, 6D5 triode plate to push-pull A prime 2A3, 45, 42, 2A5, 6F6, 6D5 grids. C-3 mtg. Shpg. wt. 2 lbs. **\$2.20**
Your Cost

K5744—Push-pull 53 or 6A6 triode plates to two or four class B 53 or 6A6 grids. C-3 mtg. Shpg. wt. 3 lbs. **\$1.91**
Your Cost



Transmitting TRANSFORMERS



Dimensions

Type	L.	W.	H.
PA-1	2 1/2	3	3
PA-2	3 1/2	4 1/2	3
PA-3	3 3/4	4 1/2	4 1/2
PA-4	6	4 1/2	4 1/2
PA-5	7	5 1/2	5 1/2
PA-6	7 1/2	7 1/2	7 1/2
UTS	11	15	11



PA 1,2,3



PA-4



PA-5-6



UTS

Mounting Dimensions

PA-1	1 1/4 x 2 1/4
PA-2	2 1/4 x 3 1/4
PA-3	3 1/4 x 4 1/4
PA-4	3 3/4 x 5 1/4
PA-5	4 1/4 x 6 1/4
PA-6	7 x 7
UTS	7 x 10

New Type "913" Transformer



Designed for use with the new type 913 cathode ray tube. Built of finest material and housed in a metal case having threaded inserts for mounting. Primary for 115 volts, 60 cycles a.c. Secondaries: Up to 450 volts a.c.; 6.8 volts at 1.2 amps.; 2 1/2 volts at 1.5 amps.; 5 volts at 3 amps. Shpg. wt. 7 lbs.

K5338—Your Cost... \$2.36

New VARIMATCH Input Transformers

K5354—Type PA49. Push-pull 45, 69 or 6L6 plates to p.p. 845 A-prime grids. PA-2 mtg. Shpg. wt. 4 lbs.

Your Cost... \$4.40

K5350—Type PA50AX. Single 53, 66, 6C6, 6C6 triode, 6A6 to class B 6B, 6A6, or 6E6 grids or single 89 to class B 89 grids. PA-1 mtg. Shpg. wt. 3 lbs.

Your Cost... \$3.24

K5351—Type PA61AX. Single 46 or 6L6 to class B 46 or 69 grids; single 45, 59, 2A3 or 6L6 to class B 46 or 69 grids; single 49 to class B 49 grids; single 37, 76, 6C6, or 6C5 triode to class B 19 or 79 grids; single 2A5, 42, 45 triode plate to A prime 45's, 2A5's or 42's. PA-1 mtg. Shpg. wt. 3 lbs.

Your Cost... \$3.24

K5352—Type PA62AX. P.P. 45, 69, 2A3 or 6L6 plates to 2-46 class B grids; p.p. 45, 59, 2A3 or 6L6 plates to 4-46 or 69 class B grids; p.p. 2A3's to 2-841 class B grids. PA2 mtg. Shpg. wt. 3 lbs.

Your Cost... \$3.82

K5353—Type PA53AX. P.P. 42, 45, 50, 59, 2A3 or 6L6 plates to two 210, 801, RK-18, 35T or 800 class B grids; p.p. 2A3 plates to two 838, 203A, 50T, 35T, 55T, 100TH, ZB 120, 211A, 242A, 830B, 800, RK-18, 801 or 210 class B grids. PA-2 mtg. Wt. 3 lbs.

Your Cost... \$4.41

K5359—Type PA59AX. 500, 200 or 50 ohm line to two 805, 838, 203A, ZB120, 100TH, 55T, 822, 830B, 800, RK-18, 801 or 210 class B grids. PA-2 mtg. Shpg. wt. 5 lbs.

Your Cost... \$4.41

K5355—Type PA238AX. P.P. Parallel 2A3, 45, 50, 69 or 6L6 to four 805, 838, or 203A class B grids; p.p. parallel 2A3, 45, 50, 59, 6L6 or two 211A, 845 plates to class B 204A, HF300, or 849 grids; p.p. parallel 2A3, 45, 50, or two 50T, 211A, 845 plates to class B 250TL or HF200 grids in class B. PA3 mtg. Wt. 12 lbs.

Your Cost... \$10.39

K5356—Type PA612. 500, 200 or 60 ohm line to two 150T, HF300, HF200, 204A or 849 class B grids. PA3 mtg. Wt. 12 lbs.

Your Cost... \$11.76

Varimatch Modulation Transformers

Match Any Modulator Tube To Any R.F. Load

Here is the answer to your modulation problem—a new line of transformers providing a very wide range of load impedances for any modulator. Due to the fact that impedance matching can now readily be accomplished, high distortion levels can easily be avoided. Furthermore, the Varimatch transformer can never become obsolete. As new tubes are developed, its wide range impedance matching will meet the requirements without the necessity for investing in new equipment—it is never discarded. These units will also match the line impedance output of Public Address or similar amplifiers direct to the class C tubes.

Space limitations prevent showing a tabular listing of all the secondary r.f. load impedances available from each unit. However, a complete detailed folder will be sent on request.

K5400—Type VM-0. Will handle power tubes such as the 31, 33, 38, 42, 46, 49, 59, 71A, 2A5, 19, 6A6, 6L6, 6F6, 25L6, etc., to modulate a 10 to 25 watt class C stage. Maximum audio output 12 watts. PA1 mtg. Shpg. wt. 4 lbs. List \$5.00

Your Cost Each... \$2.94

K5360—Type VM-1. Will handle power tubes such as the 2A3, 45, 1602, 210, 53, 6A6, 46, 6L6, 841, etc., to modulate a 20 to 60 watt class C stage. Maximum audio output 30 watts. PA2 mtg. Shpg. wt. 6 lbs. List \$8.00

Your Cost Each... \$4.70

K5361—Type VM-2. Will handle power tubes such as the 53, 6A6, 46, 6L6, 1602, 210, 801, etc., to modulate a 40 to 120 watt class C stage. Maximum audio output 60 watts. PA3 mtg. Wt. 10 lbs. List \$12.50

Your Cost Each... \$7.35

K5362—Type VM-3. Will handle output tubes such as the 6L6, 35T, RK30, 800, RK18, RK31, 845, 825, 756, T-20, etc., to modulate a 100 to 250 watt class C stage. Maximum audio output 125 watts. PA4 mtg. Shpg. wt. 15 lbs. List \$20.00

Your Cost Each... \$11.76

K5363—Type VM-4. Will handle output tubes such as the RK-30, 800, 35T, RK31, 203A, 203H, 211, 838, 830B, 805, 50T, HK304, HF100, ZB120, 808, 100TH, 100TL, etc., to modulate a 200 to 600 watt class C stage. Maximum audio output 300 watts. PA4 mtg. Wt. 25 lbs. List \$32.50

Your Cost Each... \$19.11

K5364—Type VM-5. Will handle output tubes such as the 203A, 203H, 211, 838, 805, 204A, HF300, 150T, 50T, HK354, HF100, HF200, 822, 100TH, 250TH, etc., to modulate a 450 watt to 1 kilowatt plus class C stage. Maximum audio output 600 watts. UTS mtg. 11x11x11". Shpg. wt. 85 lbs. List \$70.00

Your Cost Each... \$41.16

High Power Plate Transformers

All primaries for 105, 115, 220, 230 volts, 60/60 cycles a.c. Secondary voltages shown are each side of center.

Stock No.	Type No.	Secondary A.C.	D.C.	Wt. Lbs.	Type	Your Cost
K5559	PA111	950-750	750-600	350	25 PA4	\$10.00
K5560	PA112	1500-1250	1250-1050	500	45 PA6	18.82
K5561	PA113	2100-1750	1750-1500	500	70 PA6	25.56
K5562	PA114	3500-3000	3000-2500	500	130 UTS	44.68
		2350-1750	2000-1500			
K5563	PA116	1500-1250	1250-1050	300	30 PA5	13.52
K5463	PA118	2450-1750	2000-1500	325	48 PA6	20.58

NOTE: The plate transformers listed above, as well as the filament transformers listed at the right (only those having tapped primaries) are particularly well suited for use by broadcast stations and for export markets for the following reason: when 220 volt primary is used with a 110 volt input, the transformers will operate on frequencies from 25 to 43 cycles. Secondary voltages will, of course, be reduced to half of the normal value. Also 220 volt tap can be used on 110 volt input to reduce power.

Tapped Resonant Smoothing Chokes

All have an off-center tap for hum bucking arrangement.

Stock No.	Type No.	Induct. Henrys	MA. D.C.	D.C. Res. Ohms	Wt. Lbs.	Type	Your Cost
K5340	PA100	8	150	115	5	PA2	\$2.94
K5341	PA102	10	200	110	10	PA3	4.70
K5342	PA104	12	250	90	15	PA4	7.06
K5344	PA108	10	500	60	25	PA5	11.76
K5489	PAIS	10	1000	50	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	6-30	25-250	90	15	PA4	7.06
K5349	PA109	5-25	75-500	60	25	PA5	11.76
K5488	PAIC	5-25	75-1000	50	45	UTS	20.58

VARITONE Units

Permit full control of audio response. Enable tone correction or emphasis of the high or low notes. VT-1 & VT-2 use an external 50,000 ohm potentiometer. Wt. 2 lbs. each.



Type VT-1:

Works from a single plate or low impedance line or mike of 1 or 2 grids.

K5531—Your Cost... \$5.00

Type VT-2: For insertion across 200 or 500 ohm line or 5000 to 20,000 ohm plate.

K5532—Your Cost... \$3.53

Type VT-3: Connects directly from plate to B plus of first audio triode

K5533—Your Cost... \$2.94

Type VT-4: Connects directly from plate to B plus of first audio triode. For low impedance tubes. Includes potentiometer to control attenuation.

K5542—Your Cost... \$3.53

Type VT-5: Similar to VT-4, but works out of high impedance tubes (screen grid, etc.).

K5565—Your Cost... \$3.53

Filament Transformers

50/60 cycle a.c. primaries tapped at 105, 115, 220, 230 volts.

K5543—Type PA34. 2.5 volts c.t. at 10 amps. 5000 volt insulation. PA2 mtg. Wt. 5 lbs.

Your Cost... \$4.40

K5544—Type PA121. 5 volts c.t. at 20 amps. 10,000 volts insul. PA3 mtg. Wt. 8 lbs.

Your Cost... \$8.24

K5545—Type PA122. 7.5 volts c.t. at 6.5 amps. 5000 volts insul. PA3 mtg. Wt. 6 lbs.

Your Cost... \$6.46

K5547—Type PA124. 10 volts c.t. at 7 amps. 10,000 volts insul. PA3 mtg. Wt. 8 lbs.

Your Cost... \$7.06

K5584—Type PA128. 5 volts c.t. at 12 amps. 7000 volts insul. PA3 mtg. Wt. 12 lbs.

Your Cost... \$5.88

K5585—Type PA129. 7.5 volts c.t. at 23 amps. PA3 mtg. Wt. 12 lbs.

Your Cost... \$7.35

The following units have 115 V. primaries, 2000 volts insulation.

K5550—Type PA30. 2.5 volts c.t. at 5 amps.; 7.5 volts c.t. at 2.5 amps.; 7.5 volts c.t. at 2.5 amps. PA2 mtg. Wt. 5 lbs.

Your Cost... \$3.97

K5551—Type PA31. 2.5 volts c.t. at 5 amps.; 5 volts c.t. at 3 amps.; 7.5 volts c.t. at 2.5 amps. PA2 mtg. Wt. 5 lbs.

Your Cost... \$3.97

K5552—Type PA32. Three 5 volts c.t. at 3 amps. windings. PA2 mtg. Shpg. wt. 5 lbs.

Your Cost... \$3.97

K5490—Type PA33X. 5 volts c.t. at 2 amps.; 6.3 volts c.t. at 3 amps.; 6.3 volts c.t. at 3 amps. PA2 mtg. Wt. 5 lbs.

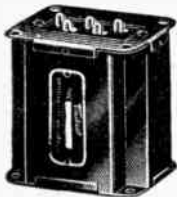
Your Cost... \$3.97

The latest UTC catalog, containing 52 pages of comprehensive transformer information, will be sent FREE on request.

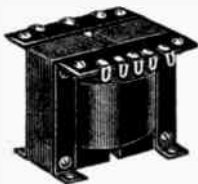


Trutest TRANSMITTING TRANSFORMERS and CHOKES

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.	4½ x 3½ x 4½	\$3.25
K5539	G	200	1000 ct.; 2½ v. ct.-14 a.; 5 v.-3 a.	4½ x 3½ x 4½	4.00
K1516	C	175	1160 ct.; 2½ v. ct.-10 a.; 2½ v. ct.-3 a.; 5 v.-3 a.	4½ x 3½ x 4½	3.75
K5540	G	200	1200 ct. 2½ v. ct.-10 a.; 7½ v. ct.-3 a.; 5 v.-3 a.	5½ x 3½ x 4½	4.95
K5521	G	150	800-0-800	5½ x 3½ x 4½	3.75
K2551	B	200	550-0-550	5½ x 4½ x 4½	5.75
K5522	G	250	800-0-800	6½ x 3½ x 4½	5.50
K5523	H	350	900-750-0-750-900	6 x 4½ x 4½	8.50
K5524	H	500	1400-1250-0-1250-1400	7½ x 7½ x 7½	16.00
K5525	H	400	2000-1600-0-1600-2000	7½ x 7½ x 7½	24.75
K2554	A	500	2000-1500-0-1500-2000	11 x 11 x 9	37.50
K5527	H	200	1400-1250-0-1250-1400	7 x 5½ x 5½	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	4½ x 4½ x 3½	\$3.40
K2544	B	7½ v. 5 amps.	5,000	4½ x 4½ x 3½	3.25
K2545	B	7½ v. 5 amps.	5,000	4½ x 4½ x 3½	3.75
K2546	B	10 v. ct. 8 a.	5,000	4½ x 4½ x 3½	3.75
K2547	E	10 v. ct. 4½ a.	2,500	3½ x 2½ x 3½	1.75
K2549	E	2½ v. ct. 5 a. (2) 5 v. ct. 3 a.	2,500	3½ x 2½ x 3½	1.75
K2031	E	2½ v. 5 a.; 5 v. 3 a.; 7½ v. 3 a.	2,500	3½ x 2½ x 3½	1.75
K2032	E	2½ v. 5 a.; 7½ v. 3 a.; 7½ v. 5 a.	2,500	3½ x 2½ x 3½	1.75
K2033	E	3 secondaries, 7½ v. at 3 a.	2,500	3½ x 2½ x 3½	1.75
K2034	E	7½ v. 3 a. (2) 5 v. 3 a.	2,500	3½ x 2½ x 3½	1.75
K5508	E	2½ v. ct. 20 a.	2,500	3½ x 2½ x 3½	1.50
K5509	E	7½ v. ct. 6½ a.	2,500	3½ x 2½ x 3½	1.75
K5510	E	10 v. ct. 6½ a.	2,500	3½ x 2½ x 3½	2.00
K5511	E	6.3 v. ct. 5 a.; 5 v. ct. 6 a.	2,500	3½ x 2½ x 3½	2.00
K5512	E	2½ v. ct. 12 a.	5,000	3½ x 2½ x 3½	1.75
K5513	E	5 v. ct. 3 a. (2) 5 v. ct. 6 a.	2,500	3½ x 2½ x 3½	2.00

SMOOTHING AND SWINGING CHOKES

Stock No.	Mount. Type	Induc. Hen.	Ma.	Resis. Ohms	Dimensions Inches	Your Cost
K5518*	F†	6/25	200	140	4½ x 3½ x 4½	\$ 2.50
K5519*	G**	5/25	300	105	4½ x 3½ x 4½	3.75
K5520*	G**	6/25	500	70	6½ x 3½ x 4½	6.50
K2535*	B‡	6/25	750	40	12 x 7½ x 6½	11.25
K5515	F†	12	200	140	4½ x 3½ x 4½	2.50
K5516	G**	12	300	105	4½ x 3½ x 4½	3.75
K5517	G**	12	500	70	6½ x 3½ x 4½	6.50
K2536	D†	15	150	110	4½ x 3½ x 4½	2.40
K2537	D**	15	250	100	5 x 3½ x 4½	3.95
K2538	D**	30	150	130	5 x 3½ x 4½	3.95
K2539	B**	30	250	100	5½ x 6½ x 4½	6.75

* Indicates swinging types—others are smoothing chokes.

† Breakdown voltage, 1000. ** 2000 volts. ‡ 3000 volts.

OUTPUT TRANSFORMERS

K2559—Primary 10,000 ohms with ct., for class "A" push-pull 59 triodes, 71A's, 2B6's, single 210, 41, 268A, 2A3; class "B" push-pull 49's, 53's, 79's, 89's. Also 6000 ohms for class "A" push-pull 52A's, single 31, 46, 59. Secondary 3500-5000 ohms. D mounting, 4½ x 3½ x 4½". Shpg. wt. 6 lbs. **Your Cost Each. \$3.50**

NEW CLASS "B" OUTPUT UNIT

K5628—Primary designed to match, push-pull 838's or 203A's in class "B" into 6,000, 5,000, or 3,500-ohm r.f. load. Will handle 260 watts of audio frequency. Type H mounting, 7x5½x6½". Shpg. wt. 30 lbs. **Your Cost Each. \$16.25**

CLASS "B" INPUT TRANSFORMERS

K2557—Push-pull 45 or 59 plates to two 210, 800, 830 or RK-18 grids. Type D mounting, 3½x2½x3½". Shpg. wt. 5 lbs. **Your Cost Each. \$3.95**

K2558—Push-pull 250 or 2A3 plates to two 203 grids. Type D mounting, 3½x2½x3½". Shpg. wt. 5 lbs. **Your Cost Each. \$4.75**

K5538—Driver 45, 42 or 2A5 plate to 2A5, 42 or 45 "A" prime grids. Type D mounting, 3½x2½x3½". Shpg. wt. 5 lbs. **Your Cost Each. \$2.75**

PLATE TRANSFORMER SPECIALS

K1512—This brute will lend sock to your rig. 1000-800-0-800-1000 volts at 300 ma. Type E, sturdy uncased mounting. Primary 115 volts, 50/60 cycles a.c. Shpg. wt. 13 lbs. **Your Cost, Special. \$5.90**

K1513—A real high power job for the medium power transmitter. 1500 volts center-tapped, at 200 ma. Type E mounting. Shpg. wt. 8 lbs. **Your Cost, Special. \$2.75**

300 MA. SMOOTHING CHOKE

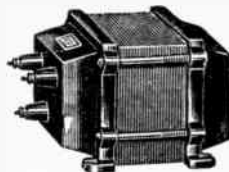
K1514—A fitting match for the above or similar units. A real low ohmic resistance, 100 ohms, insures good regulation. Inductance 12 henrys, current carrying capacity 300 ma. Type E mounting. Shpg. wt. 8 lbs. **Your Cost, Special. \$2.65**

Suppressor Grid Modulation Transformers

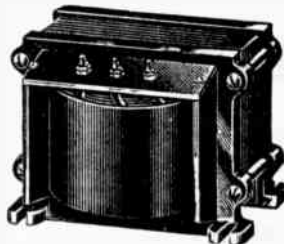
K5498—Push-pull plates to suppressor grid of one or two RK20 or similar type tubes. Type D mounting. Shpg. wt. 6 lbs. **Your Cost Each. \$3.45**

K5499—Single 2B6 or 6B5 plate to one or two RK-20 or similar type tube grids. D mounting. Shpg. wt. 6 lbs. **Your Cost Each. \$3.45**

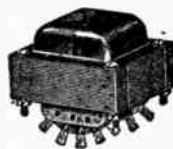
All TRUTEST components are fully guaranteed under RMA standards and are individually tested and constructed to conform with the highest standards of the industry. Design and materials are such as to withstand unusually severe service over long periods.



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.

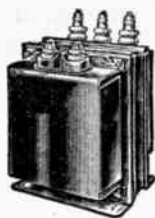


Type C Mounting—Flush mounting type in combination models only.

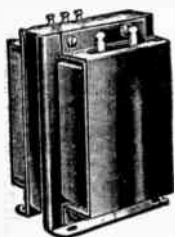


Type H Mounting—Similar to Type D, but equipped with ceramic stand-off insulators.

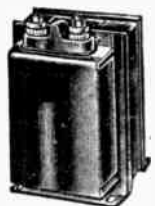
THORDARSON Transmitting Transformers



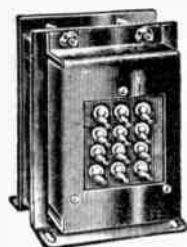
Types 2M, 2S



Type 2L



Type 2K, 2J



Type 2N

PLATE TRANSFORMERS

All primaries wound for 110/120 volts, 50/60 cycles a.c.; add 60% to cost for 25-cycle primary, 30% for 220 volts, 50/60 cycles. Specified a.c. voltage is at transformer terminals either side of center tap; d.c. voltage out of 2-section filter (choke input) approximately 20% less than a.c. rating.

Stock No.	Thord. No.	Sec. A.C.	D.C. Ma.	Mtg. Type	Size, Inches H. W. D.	Wt., Lbs.	Your Cost
K414	T6280	725	150	2L	6 1/4 4 1/2 4 1/2	12	\$4.56
K361	T7041	725	250	2L	6 1/4 4 1/2 5	17	5.30
K464	T5303	465	150	2G	5 3 3/4 4 1/2	9	3.24
K482	T8460	515*	250	2G	3 3/4 4 3/4 5	14	4.56
K465	T6095	545	250	2L	6 1/4 4 3/4 4 1/2	15	5.88
K463	T6257	750	200	2E	6 1/4 4 3/4 3 3/4	14	5.30
K462	T5448	800	150	2E	6 1/4 4 1/2 3 3/4	12	3.97
K360	T7127	800	250	2L	6 1/4 4 1/2 4 3/4	16	5.88
K412	T6412	980	350	2M	8 6 3/4 6 3/4	31	9.71
K410	T6411	1290†	280	2M	8 6 3/4 7 1/2	43	12.35
K362	T7033	1600	500	2S	11 6 3/4 6 1/2	44	17.64
K413	T5489	1270	400	2M	8 6 3/4 6 7/8	34	10.88
K411	T6282	1335	500	2S	11 6 3/4 6 1/4	43	18.82
K409	T6283	2350‡	250	2S	11 6 3/4 6 1/4	43	18.82
K408	T6284	2420‡	500	2S	11 6 3/4 8 3/4	75	29.40
K407	T6285	3630‡	880	2S	11 6 3/4 10	85	35.28

(*) Bias tap at 30 volts. (†) Voltage changed by taps on primary. (‡) Has primary for 110 or 220 volts; 220-volt tap may be used on 110 volts to reduce secondary voltage 50%.

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
K441	T6413*	7.5 at 2.5	1600	2D	2 1/2 x 3 x 3 1/4	\$1.91
K442	T6414	10 at 8	1600	2D	3 3/8 x 3 3/8 x 4	2.94
K445	T6417*	{ 7.5 at 6.5 2.5 at 4 }	1600	2N	3 3/8 x 4 1/4 x 4 3/8	5.29
K446	T6419	11 at 15.5	1600	2L	4 1/2 x 4 1/2 x 6 1/4	5.29
K447	T6420	5 at 25	10000	2M	5 1/2 x 6 1/4 x 7 3/8	10.58
K449	T6432*	2.5 at 10	1600	2D	2 1/2 x 3 x 3 3/8	2.35
K450	T6433*	2.5 at 10	7500	2D	3 3/8 x 3 3/8 x 4	2.65
K451	T6435	7.5 at 6.5	1600	2D	3 3/8 x 3 3/8 x 4	2.65
K452	T6399	5 at 4	1600	2D	2 1/2 x 3 x 3 1/4	1.91
K517	T5061	2.5 at 3.5	1600	2B	1 1/2 x 2 x 2 3/8	.88
K403	T5469	2.5 at 5	1600	2E	2 x 2 x 2 3/8	1.03
K518	T5455	2.5 at 10	1600	2B	2 1/2 x 3 x 3 3/8	1.47
K303	T6185	{ 6.3 at 2.5 tapped at 5 & 2 1/2 volts }	1600	2E	2 x 2 3/8 x 2 1/4	1.18
K509	T7984	{ 6.3 at 3 2.5 at 3.5 5 at 3 3/8 5 at 3 5 at 6 }	1600	2G	3 1/4 x 3 3/8 x 4 3/8	2.79
K466	T7046	{ 5 1/2 at 12 5 1/2 at 20 7.5 at 2 1/2 5 at 6 }	5000	2N	3 3/8 x 4 x 4	4.56
K467	T7428*	5 1/2 at 12	1600	2D	3 3/8 x 3 1/2 x 4	2.94
K468	T7424*	5 1/2 at 20	1600	2D	3 3/8 x 3 3/8 x 4 3/8	4.12
K469	T5466	{ 7.5 at 2 1/2 5 at 6 }	1600	2E	2 3/4 x 3 x 3 3/4	1.91
K404	T6094	{ 2.5 at 14 2.5 at 3.5 }	1600	2G	3 3/8 x 3 1/2 x 4 3/8	3.53
K373	T7360*	6.3 at 5	1600	2D	2 7/8 x 3 x 3 3/4	2.21
K374	T9220	7.5 at 8	1600	2D	3 3/8 x 3 3/8 x 4	3.24



Type 2E



Type 2G



Type 2F



Type 2D



Type 3B, 2B

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 Henrys	Load Ma.	Resis. Ohms	Insul. Volts	Mtg. Type	Your Cost
K415	T6405	10 - 30.3	150	200	2000	2D	\$2.49
K416	T5517	25.6 - 40	400	118	8000	2K	10.58
K417	T6315	12.3 - 38.4	280	156	5000	2J	5.00
K418	T6406	10.4 - 19	380	93	5000	2J	7.06
K419	T6316	8.2 - 17	500	70	5000	2J	8.23

SMOOTHING CHOKES

Stock No.	Thord. No.	Inductance Henrys	Load Ma.	Resis. Ohms	Mtg. Type	Insul. Volts	Your Cost
K1753	T5819	7.2	120	290	3B	1600	\$0.88
K420	T6409	19.7	150	275	2D	2000	3.23
K423	T6410	16.5	500	110	2K	5000	10.00
K421	T6408	23.6	280	190	2J	5000	5.88
K422	T6407	20	380	160	2K	5000	9.40
K334	T6807	15	85	375	2B	1600	1.18

Thordarson Replacement Transformer Encyclopedia

The handiest, most complete, most concise replacement transformer manual ever published. Practically every set mentioned in the seven Rider manuals. No need to check up wiring or look elsewhere for the dope you want—it's all here, in this splendid volume. **K461—Sent FREE upon request.**

CHT "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 impedances from 2000 to 16000 ohms and offer an extremely wide range of secondary matches. Variation in primary and secondary is obtained with 8 plug-in jacks which are furnished with each transformer.



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 1/4 x 4 1/2" high. Shpg. wt. 10 lb.

List \$12.50
Your Cost \$7.35
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 lb. List \$19.50
Your Cost \$11.46

K370—T11M77. 300 watts. Maximum ma. d.c. per side, primary—(series) 250; secondary—(series) 250, (parallel) 500. Dimen.: 6 1/2 x 7 1/2 x 4 1/2" high. Shpg. wt. 50 lb. List \$30.00
Your Cost \$17.64

K369—T11M78. 500 watts. Max. ma. d.c. per side, pri.—(series) 320; sec.—320, (parallel) 640. 7 1/2 x 7 1/2 x 8 1/2" high. Shpg. wt. 70 lb. List \$60.00. **Your Cost \$35.28**

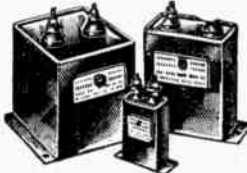
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

TRANSMITTING CAPACITORS



Transmitting Capacitors

Designed for continuous operation at voltages up to 10% above rated values. Finest type of construction throughout. All housed in metal containers provided with porcelain stand-off insulators on which binding post terminals are mounted. Pyranol treated and impregnated. These units are without question the finest transmitting capacitors available at present.



Stock No.	Cap. Mfd.	D.C. Volts	Wkg. Volts	Your Cost	Stock No.	Cap. Mfd.	D.C. Volts	Wkg. Volts	Your Cost
K3768	1.0	600		\$1.61	K3756	1.0	1500		\$2.20
K3769	2.0	600		2.06	K3757	2.0	1500		3.67
K3770	4.0	600		2.65	K3758	4.0	1500		5.29
K3753	1.0	1000		1.76	K3759	1.0	2000		3.09
K3754	2.0	1000		2.65	K3760	2.0	2000		4.70
K3755	4.0	1000		4.12	K3654	4.0	2000		6.46



Hi-Voltage Oil Filled Transmitting Capacitors

Made with pure linen paper for the dielectric and a high grade specially refined oil for the impregnating and filling material (Hyvol). Capacity remains constant over a wide temperature range (minus 30 to plus 200° F.). Hermetically sealed in metal containers, providing complete protection against moisture. Round can units furnished with mounting ring or mounting nut.



Round Aluminum Can Units - Ring Mounting
All 5 1/4" high, 2 to 2 1/2" in diameter. Shpg. wt. 2 lbs.

Stock No.	Cap. Mfd.	D.C. Volts	Wkg. Volts	Your Cost	Stock No.	Cap. Mfd.	D.C. Volts	Wkg. Volts	Your Cost
K4793	1.0	1000		\$1.59	K4797	2.0	1500		\$2.30
K4794	2.0	1000		1.97	K4798	1.0	2000		2.89
K4795	4.0	1000		2.85	K4799	2.0	2000		2.79
K4796	1.0	1500		1.67					

Round Aluminum Can Units - Screw Mounting
All 1 1/2" diameter. Units marked * are 2 1/4" high; units marked † are 4 1/2" high. Solder lug terminals. Shpg. wt. 2 lbs.

Stock No.	Cap. Mfd.	D.C. Volts	Wkg. Volts	Your Cost	Stock No.	Cap. Mfd.	D.C. Volts	Wkg. Volts	Your Cost
K4519*	2.0	600		\$1.32	K4523†	2.0	1000		\$1.62
K4520†	3.0	600		1.62	K4524*	0.5	1500		1.76
K4521†	4.0	600		1.76	K4525†	1.0	1500		2.06
K4522*	1.0	1000		1.32					

Rectangular Steel Cans With Mounting Flanges
Shpg. wt. 2 lbs.

Stock No.	Cap. Mfd.	D.C. Volts	Wkg. Volts	Dimensions L. W. D.	List Price	Your Cost
K4526	1.0	600		2 1/2 x 1 1/2 x 1 1/2	\$2.75	\$1.62
K4527	2.0	600		2 3/8 x 1 3/8 x 1 1/2	3.50	2.06
K4528	4.0	600		3 1/8 x 2 1/8 x 1 1/2	4.50	2.64
K4529	1.0	1000		2 3/8 x 1 3/8 x 1 1/2	3.00	1.76
K4530	2.0	1000		4 x 1 1/2 x 1 1/2	4.50	2.64
K4531	4.0	1000		4 3/4 x 2 1/2 x 1 1/2	5.00	2.94
K4532	1.0	1500		4 x 1 1/2 x 1 1/2	3.75	2.20
K4533	2.0	1500		4 1/2 x 2 1/2 x 1 1/2	5.50	3.23
K4534	4.0	1500		4 3/4 x 3 1/4 x 1 1/2	8.00	4.70
K4535	1.0	2000		3 3/8 x 2 1/2 x 1 1/2	4.50	2.64
K4536	2.0	2000		4 x 3 3/8 x 1 1/2	6.00	3.53

Thutest X'MITTING CAPACITORS

Oil Impregnated Paper Capacitors



Oil impregnated paper capacitors using finest foil. Hermetically sealed in metal containers having porcelain stand-off terminals. Black japan finish. 5x3x1 1/2 to 2". With mounting flanges. Shpg. wt. 4 lbs.

1000 Volts Surge Dry Electrolytics

Especially designed for amateur use. Fully shielded in metal containers only 4 1/4" high by 2 1/4" wide, by 1 1/2" deep; centers 2 3/8". 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. Shipping weight each, 2 lbs.



No.	Cap. Mfd.	D.C. Volts	Each
K3234	1	1000	\$1.10
K3235	2	1000	1.50
K3310	4	1000	1.95
K3236	1	1500	1.45
K3237	2	1500	2.00
K3311	4	1500	3.25
K3238	1	2000	1.75
K3239	2	2000	2.45
K3312	4	2000	4.65
K3313	1	3000	2.50
K3314	2	3000	4.95

Stock No.	Cap. Mfd.	D.C. Volts	Your Cost
K4192	2		\$0.85
K4193	4		.95
K4194	8		1.39

CORNELL-DUBILIER CAPACITORS

Type "TJ" Oil Filled Capacitors



Extremely compact high voltage filter capacitors, ideal for transmitters, Dykanol filled and impregnated. Terminals on stand-off insulators. Metal cases are perfectly sealed. Mounting flanges.

Type 86 Porcelain Cased Micacs

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. Mtg. centers 3 3/8" apart. 3 3/8" overall height, 2" deep. Shpg. wt. 1 lb.



Stock No.	Cap. Mfd.	Wkg. Volts	Ht. In.	Your Cost
K2994	1	600	2 1/8	\$1.62
K2995	2	600	2 3/8	2.06
K2996	4	600	2 3/8	2.65
K2997	1	1000	2 3/8	1.76
K2998	2	1000	4	2.65
K3004	4	1000	4 1/8	4.12
K2999	1	1500	4	2.20
K3000	2	1500	4 1/8	3.67
K3005	4	1500	4 1/8	5.29
K3001	1	2000	3 7/8	3.09
K3003	2	2000	4 1/8	4.70
K3019	1	3000	4 1/8	10.58
K3020	2	3000	4 5/8	13.52

Stock No.	Cap. Mfd.	D.C. Volts	Your Cost
K4143	.00005	12,500	
K4144	.0001	12,500	
K4145	.00025	12,500	\$2.20
K4146	.0005	7,000	
K4147	.001	3,500	
K4181	.0015	7,000	2.79
K4148	.0015	12,500	3.23
K4149	.002	7,000	3.09
K4150	.003	7,000	3.53
K4151	.005	7,000	
K4152	.01	3,500	4.12
K4153	.02	3,500	5.14

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 volts.

Stock No.	Cap. Mfd.	D.C. Volts	Your Cost
K4000	.05		\$0.97
K4001	.1		1.03
K4002	.25		1.09
K4003	.5		1.18

Type "TL" 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
K4195	2	600	\$1.32
K4196	4	600	1.76
K4197	1	1000	1.32
K4198	2	1000	1.62
K4199	1	1500	2.06

SANGAMO Transmitting Micacs

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
.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	K3775	41c	K3079	62c
.00025	K3056	24c				
.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		

BRADLEY 500-Watt Radiostat

For radio transmitters and industrial uses. Has large cooling area. Resistance variable from 4 to 150 ohms; dissipates 500 watts; 3-hole panel mount nickel-plated disc is 3 3/4" diam.; extends 7 1/2" back of panel. Fully cased; dust proof. Knob included. Wt. 5 lbs.



K14128—**\$5.42**
Your Cost.....

TOBE CAPACITORS

Processed in Micranol and perfectly sealed in metal containers having terminals mounted on porcelain stand-off insulators. Metal flanges for mounting. Ideal for hams. All have working voltage (d.c.) of 2000 volts; tested at 6000 volts d.c.

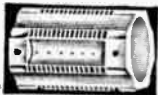


K2723—1.0 mfd. **\$1.67**
Your Cost Each.....
K2724—2.0 mfd. **\$2.45**
Your Cost Each.....

COMMUNICATION PRODUCTS

FEATURING
VICTRON "G" MICOROID VITROLEX

Fluted Coil Forms

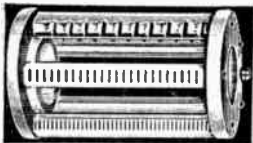


New wet processed glazed ceramic; white. Used by large communication companies.

Approximate dimensions: type CP-14A—5" long, 2 1/4" diameter, threaded for 30 turns; type CP-52A—6 1/2" long, 3 3/8" diameter, 28 turns. Shpg. wt. 1 lb.

K15967—CP-14A
Your Cost **75¢**
K15971—CP-52A
Your Cost **\$1.85**

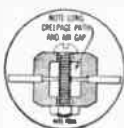
Universal Coil Form



Unique all-Vitrolex form. Transverse bars can be turned for 4 types of windings. Face "A" is notched for 10 turns, "B" for 20 turns, "C" for 33 turns and face "D" plain. Notches take up to 3/4" tubing. Coupling coils may be wound inside. 6 1/2" long, 4" diameter. Shipped knocked-down. All hardware is furnished; can be assembled in a moment. Shpg. wt. 3 lbs.

K15968—CP-15
Your Cost, Special **98¢**

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 5/8", 3/4" high, fit 1/4" hole and pass 6-32 screw. For 1/4", or heavier, panels.

K16798—CP-19
Your Cost Per Dozen **20¢**

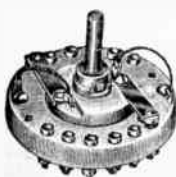
Conical Lead-In Unit



Of Vitrolex. Self-centering shoulders, 1/2" at the base. Threaded 3/4" stud and all necessary hardware nickel-plated. Each cone 1" high overall; requires 1/2" hole for mounting. Glazed white finish. Used for antenna lead-in, feed-through insulator on metal transmitting and receiving cabinets.

K16797—CP-22
Your Cost **35¢**

Two-Pole Six-Position Band Change Switch



Made of non-hygroscopic dielectric. Has a current carrying capacity of 20 amperes. Is well insulated and is equipped

with a 1/2" shaft which is well insulated. Generally suitable for use in transmitters of about 500 watts. May be ganged. 2 3/4" diameter. Also finds great utility in use with industrial devices.

K12897—CP-1A
Your Cost **\$2.50**

Commercial Standard Coaxial Cable



IN 1/4" AND 3/8" 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 Victron-treated, spirally-wound fibrous spacing insulation. Both cables have impedance of approximately 70 ohms. Shpg. wt. 1 lb. per 5 feet, either size.

1/4" CABLE
4" bending radius; capacity 1/4 kw., modulated. For low powered sets.
Stock No. Feet Your Cost
K17129 25 \$5.25
K17130 50 10.50

Longer lengths to order at 21c per foot; less terminal.

Insulated Terminal



Designed for the 1/4" coaxial cable.

Weatherproof construction. Has 1 1/4" leakage path of molded composition. Durable, non-corrosive hardware; solder lug terminal. Makes a weather-proof terminal joint essential for maximum efficiency. 2 1/4" long overall.

K17134
Your Cost **\$1.50**

3/8" CABLE
8" bending radius; capacity 1 kw., modulated. Commercial standard.
Stock No. Feet Your Cost
K17132 25 \$6.75
K17133 50 13.50

Longer lengths to order at 27c per foot; less terminal.

Insulated Terminal

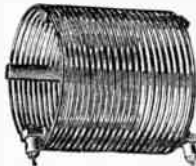


A weather-proof terminal with 2 1/2" ceramic leakage path. 4 1/4" long overall. Heavy, non-corrosive metal fittings. Is essential for efficiency.

K17131
Your Cost Each **\$2.50**

New "LOCTURN" Transmitting Inductors

"Locturn" coils are scientifically designed to produce the highest "Q" consistent with type and size of wire, its insulation and the inductance value it is desired to obtain. "Q" values for these coils (reactance to resistance ratio used as an electrical figure of coil efficiency), range from 825 to 510. They are produced by molding the supporting insulating strips around the turns. No cement or foreign material is present to loosen or introduce loss. The special insulation used has a high softening temperature, is low in power factor, electrically stable and much superior to the usual compounds. Furnished less pillars and plugs.



Stock No.	Band Meters	Wire Size No.	Length Inches	Induct. Millih.	Tuning Cap. Mmfd.	Your Cost
K15973	20	10	3	3	50	\$0.85
K15974	40	10	3	10	50	1.25
K15975	80	10	5	50	50	1.45
K15976	160	10	5	70	100	1.90

Q-Max Impregnants and Finishes

No. 3 R.F. Lacquer
The most widely used r.f. lacquer in the radio industry. Being low in loss it may be applied freely without appreciably affecting circuit constants. As a protecting, sealing or surfacing agent it is unsurpassed. Ideal for all coils.

K15298—1/2 pint can
Your Cost **25¢**
K15299—1 pint can
Your Cost **\$1.50**

Crystalite Black
Here at last is a quick-drying black finishing lacquer that develops a fine crystal-like pattern without heating! No skill is needed in applying. In 30 minutes a brilliant finish is produced, durable and soil proof, hiding surface imperfections like magic.

K15302—1/2-pint can
Your Cost **25¢**
K15303—1-pint can
Your Cost **\$1.25**



Telephone Black
Q-Max "telephone black" is a semi-gloss lacquer having substantially the same degree of lustre as the finish on telephone instruments. It does not soil readily, and is self-leveling, showing no brush marks when properly flowed on. Extensively used by manufacturers of commercial apparatus.

K15300—1/2-pint can
Your Cost **25¢**
K15301—1-pint can
Your Cost **\$1.25**

Wrinkled Black
This product was developed for use in finishing metal details where a fine pattern wrinkled surface is required. Heavily bodied, Q-Max Wrinkle Black produces a lustrous shrivelled coat, tough, soil-proof and permanent. Recommended application requires baking for one to two hours.

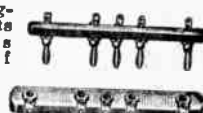
K15304—1/2-pint can
Your Cost **25¢**
K15305—1-pint can
Your Cost **\$1.25**

Crystalite Wood Sealer
With it you can develop black crystalline finish on wood, Masonite, etc., just as on metal.

K15317—1/2-pint can
Your Cost **25¢**
K15318—1-pint can
Your Cost **\$1.25**

Universal Plug and Jack For "Locturn" Coils

Ideal plug-in supports for coils made of glazed ceramic.



Takes standard banana plugs and jacks. Holes for center-tap, link and coil. Jack strip has holes for chassis mounting. Fit "Locturn" coils. Without hardware.

K15972—CP-39
Your Cost Per Set **95¢**

Utility Coil Assembly

This convenient combination consists of a ceramic coil form 1" in diameter by 3 1/4" long



with six drilled holes. It is supplied with two banana plugs. Additional plugs may be added. The base is of glazed ceramic ware and is equipped with two jacks with additional holes for others. Mounting holes in base may be used for supporting jack strip from chassis. Length of strip is 4 1/4".

K15964—CP-18
Your Cost Per Set **95¢**

Fifty-Watt Socket

Here is a really new socket and one that should appeal to the ham who is looking for quality at low cost.



All ceramic construction and employs improved end contacts, thus reducing capacitance between prongs. Also makes possible increased creepage path and high flashover point. Can be mounted above or below chassis. Provides adequate support for tube base. The insulation used is ideal for high-frequency transmission.

K12899—CP-38
Your Cost **75¢**

Tapped-Stand-Off



These are the fine new stand-offs that "do everything" in the assembly of modern radio apparatus. Mounts coils, condensers, sockets, etc., in the modern, metal-built transmitter and test instrument. Of Steatite. Sizes are 1/2" diameter by 1 1/2" or 2" long. Tapped for 8-32 screws both ends. Furnished with screws.

K16793—CP-67; 1 1/2" long
K16794—CP-68; 2" long
Your Cost Each **7¢**

One-Pole, 7-Position Band Change Switch

By skipping contacts, this new switch may be used as a four-point switch. Self-indexing, fine quality insulation, integrally formed mounting supports.



All parts on glazed ceramic; size, 1 1/4"x2 1/4". Equipped with 1/4" brass shaft. Used in transmitters, test equipment and industrially.

K12898—CP-2A
Your Cost **\$1.35**

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SHORT-WAVE COILS and FORMS

Meissner Crystal Filter Matched-Pair Units



Sold in pairs to provide most efficient operation of the crystal filter circuit through the use of a low impedance link circuit. In shield can, link can be $1\frac{1}{2} \times 1\frac{1}{2} \times 3\frac{1}{2}$ ". Diagrams with each set. 456 kc. unit has range from 440-470 kc., 3000 kc. from 2900 to 3100 kc. Black crystal can with spade bolt mounting.

No. Air-Tuned	Frequency Kc.	No. Mica Trim
K10165	456	K10167
K10166	3000	K10168

Air Tuned Set \$4.70 | **Mica Tuned Set \$2.35**
Available in 175, 262, 370 and 1500 kc. on order. Same price.

MEISSNER I.F. UNITS FOR NOISE SILENCERS

For Lamb Noise Silencer. Center tapped secondary. Single, top tuned. In black crystal finish shield can, $1\frac{1}{2} \times 1\frac{1}{2} \times 2\frac{1}{2}$ ". Color-coded leads; with full instructions and diagrams.

No. Air-Tuned	Frequency Kc.	No. Mica Trim
K10204	456	K10206
K10205	3000	K10207

Air Tuned \$1.91 | **Mica Tuned Each \$88**
Available in 175, 262, 370 and 1500 kc. on order. Same price.

Beat Frequency Oscillator

In black crystal finished shield can, $4\frac{1}{2} \times 2 \times 2$ ". Has Bakelite knob for pitch adjustment. Lug terminals protrude from Bakelite base with stamped terminal designations. Spade bolt mounting. For all superhets.



No. Air-Tuned	Frequency Kc.	No. Mica Trim
K10169	456	K10171
K10170	3000	K10172

Air Tuned Each \$1.91 | **Mica Tuned Each \$1.03**
Available in 175, 262, 370, and 1500 kc. on order. Same price.

BRUSH Transfilter



A new, efficient electro-mechanical filter transformer of high selectivity for superhet receivers. Described in "QST" for April, 1937. Combines properties of transformer and electric wave filter. Can be used in any superhet whose i.f. amplifier tunes to 465 kc. Enclosed in a metal shield with octal base for standard octal tube socket. List price \$10.00
K13920—Type A **\$5.88**
Your Cost.....

5-Meter Superregenerative Coil

For use as low frequency oscillator in five meter superregenerative receivers.



K14321—Your Cost Each **\$49**

Truest Bakelite Plug-In Coil Kits



Space wound on molded Bakelite forms $1\frac{1}{2}$ " 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
K10039—Ultra s.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
K10043—Broadcast coils. Two coils, 190-550 meters. **85c**
Your Cost
K10044—Ultra s.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 **48c**

PLUG-IN COIL FORMS

Blank Bakelite forms as used in kits described at left.

Stock No.	No. Prongs	Your Cost Each
K10060	4	10c
K10061	5	
K10062	6	

Transmitting Chokes



Tapered 6 section winding on a ceramic do w e l . Metal mounting brackets. Distribute

duced 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 **45c**



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 plus 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. **53c**
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) Each **12c**
K9989 5)
K9990 6)

MEISSNER Ham Band Wave-Trap

For 40, 80 and 160 meters. Can be used on all-wave receiver.



7.5 mc. Controls 2 channels. Iron-core coil; ceramic adjusters. Attenuation 40 db; reduces interfering signal strength 100 times.
K10032—Your Cost **\$1.55**

BROADCAST WAVE-TRAP
Tunes 400 to 1750 kc. Screw adjusters to i.f. (456, 465, 520 kc.); knob tunes entire broadcast band. Uses iron-core coil.
K10014—Your Cost **\$1.55**

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 loss dielectric, amber, ribbed for air-spaced winding. Have knurled flange for easy handling, and groove for wave-band index. $2\frac{1}{2}$ " 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

Stock No.	Prongs	Each
K14080	4	53c
K14081	5	56c
K14082	6	59c

SPECIAL 7-PRONG FORM
 $2\frac{1}{2} \times 4$ " high. Fits 7-prong small socket. Molded of Ceramic, Ribbed with holes.
K14083—Each **\$59**

MEDIUM COIL FORMS
As above, but undrilled and $1\frac{1}{2}$ " diameter, $2\frac{1}{2}$ " high. Bakelite.
K9630—4-Prong Each **17c**
K9631—5-Prong
K9632—6-Prong. Each **20c**

5 and 10-Meter Chokes

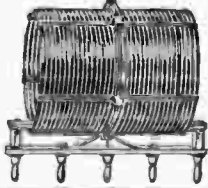
Designed for hi-frequency work especially for use in 5 and 10 meter sets. Plate choke wound on impregnated dowel in a 3-pie winding. Filament choke is wound of solid enamel wire on a Bakelite tube. With mounting brackets and lug terminals.
K10279—Plate choke. **36c**
K10280—Filament choke. **27c**



MEISSNER DIAGRAMS
112 pages of detailed instructions, diagrams, schematics, pictorial layouts for 14 latest receivers from a 4-tube a.c.-d.c. to the 14-tube communications receiver. Also 32 pages of coil data.
K19978—Your Cost **48c**

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 " " **1.75**
K10324—For "HD" coils " " **1.75**

Stock No.	Type No.	Cap. Mmfd.	Wire Size	Diam. Ins.	Mount. Ins.	Micro-henrys	Your Cost
K10308	160HDL	90	10	5	7 1/2	94.0	56.25
K10309	80HDL	50	10	3 1/2	7 1/2	40.0	5.50
K10310	40HDL	35	8	3 1/2	7 1/2	15.0	5.00
K10311	20HDL	29	8	3	7 1/2	4.2	4.75
K10312	160BL	110	18	2 1/2	3	78	2.50
K10313	80BL	52	16	2 1/2	3	39	2.30
K10314	40BL	43	14	2	3	12	2.05
K10315	20BL	40	14	2	3	3	1.80
K10316	10BL	28	12	2	3 1/2	1.1	1.75
K10317	160TL	115	12	5	5	74	2.85
K10318	80TL	60	12	3 1/2	5	35	2.65
K10319	40TL	38	12	2 1/2	5	13.5	2.40
K10320	20TL	30	12	2 1/2	5	4.3	2.15
K10321	10TL	25	12	2	6	1.3	2.10

CARDWELL CONDENSERS

TYPE X TRANSMITTING CONDENSERS



A standard for years. Heavy aluminum rounded plates; frames and connecting rods of nicked brass; rotor bearing of ball and thrust type; phosphor bronze rotor contact; nicked brass bushings; steel shaft supports the rotor plates and spacers. Insulation on all units listed is Mycalex. Frame measures 2 3/4" 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	\$2.65
K8634	XT440PS	40—440	43	.070	5 3/4	4.53
K8641	XP90KS	16—90	11	.084	3	2.65
K8642	XP165KS	22—165	19	.084	4	3.52
K8622	XP290KS	35—290	33	.084	5 3/4	5.89
K8667	XE240KS	30—240	33	.100	6 1/2	6.35
K8605	XP330KS	37—330	37	.084	6 1/2	6.35
K8611	XG25KS	8—25	6	.171	3	2.06
K8627	XG50KS	14.5—50	11	.171	4	3.82
K8609	XG110KS	26—110	23	.171	6 1/2	5.70
K8613	XK55KS	19—55	15	.230	5 3/4	5.88
K8596	XC18XS	8.5—19	5	.200	2 1/2	3.23
K8597	XC40XS	14.5—40	11	.200	4	4.41
K8643	XC65XS	20—65	17	.200	5 3/4	5.59
K8644	XC100XS	28—100	25	.200	7 3/4	6.76

DOUBLE STATOR CONDENSERS

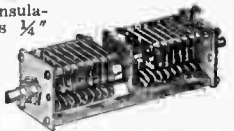
Capacitances and number of plates are given per section.

Stock No.	Card. No.	Cap. Mmfd. Min.—Max.	No. of Plates	Airgap Inches	Depth Inches	Your Cost
K8615	XR500PD	18—500	21	.030	4	\$3.82
K8616	XR80PD	11—80	9	.070	4	3.23
K8617	XR210PD	22—210	21	.070	5 3/4	5.12
K8618	XR50KD	14—50	11	.171	6 1/2	6.29
K8610	XG110KD	27—110	23	.171	11 3/4	10.58
K8645	XC40XD	14—40	11	.200	7 3/4	7.64
K8646	XC75XD	21.5—75	19	.200	11 1/4	10.00
K8647	XP90KD	15—95	11	.084	4 1/2	4.41
K8648	XP165KD	23—165	19	.084	6 1/2	6.47
K8651	NR35ND	6—35	9	.084	4 3/4	3.53

Airgap-voltage relation in above units is as follows: .070"—3000 volts; .084"—4250 volts; .100"—4800 volts; .171"—6000 volts; .230"—7500 volts; .200"—7000 volts. All ratings are breakdown.

NEW DUAL TRIM-AIR MIDGETS

A new condenser of sturdy and midget construction—ideal for portable gear. Isolantite insulation; double end plates; nicked brass 1/4" shaft, 3/8" long in front and extends 1/4" in rear for ganging; double bearings; exclusive blue steel "take up" washers; removable inter-section shield, (except "I" types); overall size, 1 1/2" wide, 1 1/2" high. Values are given per section.



Stock No.	Card No.	Cap. Mmfd. Min.—Max.	Peak Volts	Airgap Inch	Depth Inches	Your Cost
K8744	ER10AD	1.2—10	1000	.030	2 11/16	\$1.53
K8745	ER15AD	1.5—15	1000	.030	2 11/16	1.53
K8746	ER25AD	2.0—25	1000	.030	2 11/16	1.59
K8747	ER35AD	2.5—35	1000	.030	3 1/2	1.71
K8748	ER50AD	2.8—50	1000	.030	3 1/2	1.82
K8749	EU75AD	2.7—75	500	.020	3 1/2	1.94
K8750	EU100AD	3—100	500	.020	3 1/2	2.00
K8751	EU140AD	5—140	500	.020	4 3/16	3.53
K8752	ET30AD	4—30	2500	.070	5	2.12
K8753	ET30AD1*	4—30	2500	.070	5	2.12
K8754	ES45AD	1.5—4	6750	.140	3 1/2	2.12
K8755	ES45AD1*	1.5—4	6750	.140	4 3/16	2.41

*Equipped with Isolantite-insulated coupling between sections.

SINGLE TRIM-AIR MIDGETS

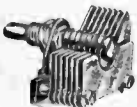
Isolantite insulated; 1 1/2" wide 1 1/2" high overall.

Stock No.	Card. No.	Cap. Mmfd. Min.—Max.	No. of Plates	Airgap Inch	Depth Inches	Your Cost
K8652	ZR10AS	1.2—10	3	.031	3/8	\$.73
K8631	ZR15AS	1.5—15	5	.031	3/8	.73
K8632	ZR25AS	2—25	7	.031	1 1/8	.82
K8633	ZR35AS	2.5—35	11	.031	1 1/8	.88
K8634	ZR50AS	2.8—50	13	.031	1 1/8	.94
K8635	ZU75AS	2.7—75	15	.020	1 3/8	1.00
K8636	ZU100AS	3—100	19	.020	1 3/8	1.03
K8637	ZU140AS	5—140	27	.020	1 7/8	1.85
K8630	ZT30AS	4—30	17	.070	2 3/8	1.09
K8653	ZS45AS	1.5—4	5	.150	1 1/4	1.09
K8599	ZV5TS*	1.8—5	3	.061	1 1/4	.73

*With two-segment stator for 5 meters, and extra plate.

- K8638—Mounting bracket with screws and nuts.....6c
- K8639—Ganging shaft with setting nut.....4c
- K8640—Pair of mounting posts with screws, lockwashers.....8c

Truest MIDGET CONDENSERS



Non-corrosive aluminum plates. Bakelite insulation. Single hole mtg., 1/4" shaft of brass. Complete with mounting nut. Designed for short wave sets. Shpg. wt. 1 lb.

Stock No.	Cap. Min.	Mmfd. Max.	Plates	Your Cost
K9724	3	15	3	35c
K9728	4	30	5	38c
K9729	5	40	7	40c
K9731	6	80	11	45c
K9727	7	100	14	48c
K9714	8	140	20	57c

Double Spaced Units

Stock No.	Cap. Min.	Mmfd. Max.	Plates	Your Cost
K9706	4	35	10	58c
K9707	5	60	16	68c

JOHNSON Handle Indicators



Commercial type controls with molded Bakelite handles. Window design makes possible use of 3 separate scales, etched in black and silver. 4" diameter scale on No. 204, 6" on No. 206. Fit 1/2" or 3/8" shafts. Calibration on each dial is zero to 100 with zero on the left. Each unit is supplied with mounting hardware. These units add that commercial touch to your transmitter.

- K13015—No. 204 59c
- Your Cost..... 73c
- K13016—No. 206
- Your Cost.....

MIDWAY RECEIVING CONDENSERS

SINGLE MIDWAYS



Mycalex insulation; overall mounting space, 3x2 3/8", 1/4" steel shaft, 1" long. With mounting brackets.

Stock No.	Cap. Mmfd.	Mfrs. Type	Gap In.	Your Cost
K8563	25	MR25BS	.031	\$1.59
K8564	60	MR50BS	.031	1.65
K8565	70	MR70BS	.031	1.73
K8566	105	MR105BS	.031	1.85
K8567	150	MR150BS	.031	1.94
K8568	200	MR200BS	.031	2.23
K8569	365	MR365BS	.031	2.23
K8566	165	MT165BS	.050	1.94
K8550	20	MT20GS	.070	1.91
K8551	35	MT35GS	.070	2.06
K8552	50	MT50GS	.070	2.29
K8553	70	MT70GS	.070	2.62
K8554	100	MT100GS	.070	2.88
K8555	150	MT150GS	.070	3.53
K8614	35	MG35NS	.171	3.53

DOUBLE MIDWAYS

Similar to singles described at left, but with double stators. Highly efficient for low and medium power p.p. stages where space and ruggedness are factors.



Stock No.	Cap. Mmfd.	Mfrs. Type	Gap In.	Your Cost
K8583	25	MR25BD	.031	\$2.58
K8584	60	MR50BD	.031	2.76
K8547	70	MR70BD	.031	2.88
K8548	100	MR100BD	.031	3.00
K8549	150	MR150BD	.031	3.12
K8550	200	MR200BD	.031	3.23
K8649	180	MO180BD	.050	4.70
K8619	25	MT20GD	.070	3.26
K8620	35	MT35GD	.070	3.53
K8621	60	MT50GD	.070	3.73
K8623	70	MT70GD	.070	4.12
K8629	100	MT100GD	.070	4.70

NOTE—The maximum capacitances given above are per section.

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. **35c**



Isolantite Coupling

Isolantite disc 1" in diameter, overall diameter 1 1/4". Collars, on spring saddles, take 1/4" shafts; grip with set-screws. Construction prevents lag between condensers. **35c**



K8494—Your Cost Each **35c**

BUD Dual-Spaced Condensers

Wide spacing. .060". Close fitting brass bearings. Isolantite insulation. Aluminum soldered.



Stock No.	Cap. Mmfd.	List Price	Your Cost
K9550	4-16	\$1.50	\$0.88
K9551	6-35	1.55	.91
K9552	7-50	2.00	1.18
K9553	8-75	2.50	1.47
K9554	10-100	3.00	1.76

Dual Units

Stock No.	Cap. Mmfd.	List Price	Your Cost
K9555	35*	\$3.00	\$1.76
K9556	20*	3.00	1.76

*Each section.

BUD Midget Condensers

Similar to above, but single space

Stock No.	Cap. Mmfd.	List Price	Your Cost
K9557	3-15	\$0.85	50c
K9558	3-20	.85	50c
K9559	4-35	1.00	59c
K9560	5-50	1.10	65c
K9561	6-100	1.25	73c

Electronic Converter 6 to 300 Volts D.C.

For mobile transmitters on cars, trucks, boats, etc. Input 6 volts d.c.; output 300 volts at 100 ma., d.c. Rated at 30 watts continuous, 40 watts intermittent. Regulation 80%. Plug-in vibrator, OZ4 rectifier furnished. Draws 9 amps. at full load. Cadmium plated metal housing 8 3/8" x 3 1/2" x 1 1/2". **K14223—Your Cost..... \$14.70**

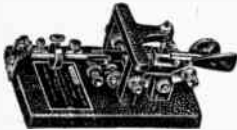


TRANSMITTING Accessories



McELROY'S FAMOUS KEYS AND ACCESSORIES FOR ALL OPERATORS

NEW! "HAM" MAC KEY



The ham's delight! Same base and parts as the deluxe model but priced for the gang. Black wrinkle finish and nickel-plated parts. Swedish blue steel springs; 10/32 screws; 1/8" contacts; Mac patented "Dot Stabilizer"; NINE adjustments; Bakelite bushings and washers; Bakelite paddle and knob; rubber feet. Less switch. Shpg. wt. 5 lbs. **\$7.50**
K14087—Your Cost.

NEW! DELUXE MACKAY



Latest and best of the famous Macs. Base of huge one-piece iron casting in black marble finish. All metal parts finished in chrome plate. Swedish blue steel springs. Patented "Dot Stabilizer" exclusive with Mac; bronze adjustment screws; 3/8" silver contacts; Equipped with circuit-closing switch. Thumb paddle of molded Bakelite. **\$9.50**
K14032—Each.

"MAC HUMMER" AND STRAIGHT KEY



Combination of carbon mike and miniature loud speaker gives swell 1000-cycle note with 4 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. 3/8" contacts; pigtail to posts; case-hardened bearings. **\$2.95**
K14084—Combined.
Your Cost Per Set.
K14085—Hummer only. **\$1.50**
Your Cost.
K14086—Key only. **\$1.50**

MAC OSCILLATOR



Operates on 110 volts a.c. or d.c. 600, 800 and 1000 cycles notes. For practice or modulation; outputs, 2,000 ohms at plus 10 db, 200 ohms at minus 30 db. With cord and plug. Equipped with two Bakelite terminal strips which mount screw-type binding posts. Uses two 76 tubes. 6 1/2" long, 4 1/8" wide, 1 3/4" high. Less tubes. **\$4.50**
K14034—Your Cost.
Two RCA 76s. Your Cost. .86c

Metal Name Plates



Raised aluminum letters on etched black background. 1 1/2 x 3/8".

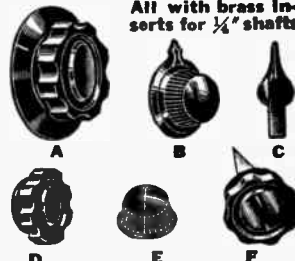
A.C. Input
Amplifier Grid Current
Amplifier Plate Current
Amplifier Screen Current
Antenna
Antenna Feeder Current
Buffer Plate Current
1st Buffer-Doubler
1st Buffer Grid
1st Buffer Plate
2nd Buffer Grid
2nd Buffer Plate
1st Buffer-Doubler Grid
2nd Buffer-Doubler Grid
2nd Buffer-Doubler Plate
Filament Voltage
Fil. 1st ON: 2nd OFF
Gain Control
Input
50 Ohm Input
25 Ohm Input
200 Ohm Input
500 Ohm Input
Key
Microphone
Modulator Grid
Modulator Plate
Monitor
Neut. Condenser
Oscillator
Oscillator Plate Current
Output
Output Grd.—Gnd.
50 Ohm Output
125 Ohm Output
200 Ohm Output
500 Ohm Output
Plate
Plate Voltage
Plate 2nd ON: 1st OFF
Power Amplifier Grid
Power Amplifier Plate
Receive
Rectifier
Send
Tritet Oscillator
Specify Marking Desired. **6c**
K9898—Your Cost Each.
10 For..... **55c**

MAC PHOTO-ELECTRIC AUTO OPERATOR



It's here! The finest, really automatic code sender made. Inked tape is pulled through photo-electric scanner which actuates a precision relay. Output can be fed to transmitter, code practice, etc. Movie-type reel. Self-powered for operation on 115 volts, 50/60 cycles a.c. Has been tested up to 100 words per minute. Overall, 10" high, 13" long, 7" wide. Chassis finished in black, crystal lacquer; top panel chrome plated. With full reel of tape, tubes, cable, instructions. Wt. 15 lbs. **\$69.00**
Your Cost.
K14089—Tape puller (a.c. only) **\$16.00**
Your Cost.

TRANSMITTER KNOBS

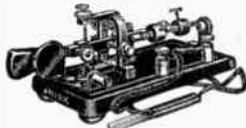


All with brass inserts for 1/4" shafts

K13011—Type A. 2" diameter, with smooth skirt. **28c**
Your Cost Each.
K13010—Type A. 3" diameter. **37c**
Your Cost Each.
K9896—Type B. 1 1/2" diameter; with pointer. **16c**
Your Cost Each.
K13014—Type D. 1 1/2" diameter. Knurled edge. **17c**
K13013—Type D. 1 1/2" diameter. **23c**
Your Cost Each.
K13012—Type D. 2 1/2" diameter. **28c**
Your Cost Each.
K13055—Type C. 2 1/2" long, 3 3/4" skirt, 1 1/2" radius. **8c**
Your Cost Each.
K13053—Type C. 1 1/2" long, 3/4" skirt, 3/4" radius. **6c**
Your Cost Each.
K9885—Type E. 1 1/2" diameter. With arrow pointer. **6c**
Your Cost Each.
K9886—Type E. 1 1/2" diameter. **6c**
Your Cost Each.
K13007—Type F. 1 1/2" diameter. With metal pointer **23c**
Your Cost Each.
K13008—Type F. 1 1/2" diameter. **28c**
Your Cost Each.
K13009—Type F. 2 1/2" diameter. Each **34c**

SPEED-X TRANSMITTING KEYS

Model 501 Hi-Speed Key



A professional high-speed key for the amateur and commercial operator who desires the finest. Has 1/8" 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. List \$17.50. Shpg. wt. 5 lbs. **\$10.29**
K14028—Your Cost.

New No. 515 Speed Key



Has extra heavy cast base finished in brown wrinkle; all metal parts finished in statuary bronze. Same type of construction as found in the No. 515; pure coin silver contacts; equipped with case hardened bearings; adjustable from highest to lowest speeds. Base is 3x6 1/2 x 3/8". Supplied less switch and plug. Shpg. wt. 3 lbs. **\$5.44**
K14033—Each.

Model 301 Ham Key



Designed especially for the amateur. Pure silver contacts. Bakelite base; all metal parts nickelled. **\$1.26**
K14040—Your Cost.

Model 321 Senior Key



For the old timer and the ham who is to start right. 1/2" silver contacts. Chrome and black finish. All metal base highly insulated. A favorite with all operators. Shpg. wt. 4 lbs. **\$2.06**
K14039—Your Cost.

Hi-Frequency Buzzer



Constant frequency buzzer for practice or modulation work. 2 ohms resistance. **73c**
K14021—Your Cost.

Model 300 Practice Key



Perfect action; two adjustments; base is of walnut molded Bakelite; machined parts finished in statuary bronze; coin silver contacts. Ideal for practice. **88c**
K14041—Your Cost.

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 3/8 x 5 5/8". **\$1.91**
K14027—Single set. Your Cost.

Etched Metal Dials



Polished nickel silver with black etched markings. 4" diameter. 1 1/2" mounting centers. Marked: **Amplifier Plate; Amplifier Grid; Oscillator. Specify marking. 41c**
K9858—Each.
As above, but 2 1/4" diameter. Available marked **Neutralization** and without marking. **33c**
K9857—Your Cost Each.
As above, 2 1/2" diameter. Available marked **Gain** only. **23c**
K9903—Your Cost Each.

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

Bakelite Key Knobs



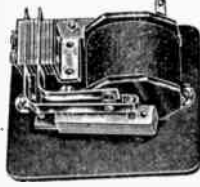
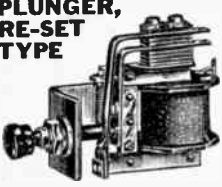
These units are of brilliant, black Bakelite. Navy knob (with disc). **7c**
K14037—Your Cost Each.
Paddle for speed keys. **15c**
K14038—Each.

CRYSTALS, KEYS AND RELAYS

GUARDIAN Transmitting Relays

PLUNGER, RE-SET TYPE

These relays have pure silver contacts $\frac{1}{8}$ " in diameter by $\frac{1}{8}$ " thick. Insulation is genuine Bakelite. Laminated high-quality cores insures highly efficient electro-magnets.



Model X-100 Adjustable Overload Relay: When once set for any value between 150 and 500 ma., will trip when this value is exceeded. Hand re-set—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. Shpg. wt. 4 lbs.

K14120—List \$12.00. Your Cost Each \$7.06

Model L-500. Same as above, but non-adjustable. 500 ma. Shpg. wt. 4 lbs. List \$7.50

K14121—List \$7.50 \$4.41

K-100 Keying Relay: Single contact. Works on 5 to 16 volts a.c., or on d.c. Shpg. wt. 3 lbs. List \$5.50

K14123—Your Cost \$3.23

B-100 Break-in Relay: Double pole, double throw, 110 volts a.c. Shpg. wt. 4 lbs. List \$7.50

K14125—Your Cost Each \$4.41

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 $2\frac{1}{2} \times 2\frac{1}{2}$ ". Double pole, double throw, single break. Wt. 1 lb.

K14147—Type 507-532. 6-8 volts d.c. coil. 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. Consumes 1-watt. List Price \$7.00

K14134—Model 507-508. Same as above, but for 6-8 volts d.c. Your Cost, Either Type

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: $1\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". Shpg. wt. 2 lbs.

K14030—RA-1. 2.5 volt coil, 60 cycles. List \$2.00

K14031—RD-1. 5-6 volts d.c. Your Cost, Either Type



BLILEY CRYSTALS

LD "Ham" Crystals



Mounted, precision low drift crystals for the 40, 80 or 160 meter ham bands. Accurately ground, precision tested. Low loss Bakelite

holder fits 5-prong socket. Stainless steel electrodes. Specify frequency desired. Guaranteed within .03% of frequency on plate. K13585—Within 5 kc. of specified frequency. Your Cost

K13494—Exact integral kc. Your Cost

HF-2 20-Meter Crystals

Similar in appearance to the LD-2 listed above, but holder is of Victorin G, an extremely low loss material. Offers control for 20, 10 and 5 meters. Easily excited. Drift only 20 cycles per degree per mc. Accuracy within .03%. Fits the standard 5-prong socket, and mounts in any position. One of the few reliable crystals for 20 m.

K13515—14 to 14.4 mc. Within 15 kc. of specified frequency.

K13497—14.4 to 15 mc. Within 30 kc. of specified frequency.

Your Cost Each, \$6.50

Either Type \$10.00

K13496—14 to 14.4 mc. Within 5 kc. of specified frequency.

Each \$10.00

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 1/2 ounces. Will fit the usual 5-prong socket. Has long been a reliable standard with amateurs.

K13098—20-40 meter. Your Cost, Either Type

K13099—80-160 meter. 95¢

VF1 Variable Frequency Crystal

A mounted low-drift 80-meter crystal whose frequency is adjustable over a wide range. May be used for multiplying. Variation up to 6 kc. on 80, 12 kc. on 40 or 24 kc. on 20 meters. Special Bakelite holder fits 5-prong socket. Has stamped calibration on plate. Specify minimum frequency desired between 3.5 and 4 mc. Supplied accurate to within 5 kc. of specified frequency.



K13493—Your Cost \$8.00

BC3 "Ham" Crystals



A moderately priced, mounted X-cut power crystal for the 40 and 80-meter ham bands. A powerful oscillator. Frequency drift 23 cycles/mc/C. One-piece Bakelite holder fits standard 5-prong socket. When ordering specify frequency (40 or 80 meter band) and accuracy desired.

K13531—BC3 mounted crystal. Within 5 kc. of specified frequency.

Your Cost \$3.95

Exact integral kc. \$4.95

CF1 "I.F." Crystals



Mounted crystals for use in first i.f. stage of short wave receivers. Each ground for maximum efficiency; no spurious responses within 7 kc. of fundamental. Steatite holder.

Each \$5.50

K13516—456 kc. \$5.50

K13517—465 kc. \$5.50

Thutest Transmitting Crystals

Ground from the finest quartz. Approximately 1" square with rounded corners X or Y cut. Accurate to within 1/10 of 1% or better. Specify frequency and cut desired, and we will supply the nearest stock crystal.

Stock No.	Frequency Kilocycles	Your Cost Each	Stock No.	Frequency Kilocycles	Your Cost Each
K13501	7000-7300	\$3.75	K13503	1700-2000	\$2.45
K13502	3500-4000	2.45	K13504	500-1700	3.95

A-T Cut Crystals

Have approximately two to three times the power output of X-cut crystals. Accurate to within 1/10 of 1%. No oven required. K13535—80 and 160 meter band. Drift less than 10 cycles per degree per mc. Your Cost Each

K13536—80 and 160 meter band Drift less than 4 cycles per degree per mc. Your Cost Each

Single Signal Filters

For receivers with i.f. peak between 525 and 465 kc. Specify frequency. K13459—Each

100 Kc. Standard Bar

For checking frequency calibration. Highly accurate. K13460—Each

Oscillating Blanks

Quartz blanks about 1" square with rounded corners. Furnished X or Y cut for 80-meter band, but uncalibrated. Specify cut.

K13461—Your Cost \$1.75

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 1/2" high, 1 1/2" wide. Designed to fit any standard five-prong socket.

Cover is easily removed by means of two small screws. K13190—For A-T cut crystals.

K13191—For 40-meter crystal. K13192—For 80 and 160 meter crystals.

Your Cost Each 95¢



SIGNAL KEYS & PRACTICE SETS

R68 Code Practice Set



Key and high frequency buzzer on polished hardwood base. Hook battery to terminals and it is ready to operate (1 1/2-volt dry cell not supplied). Metal code plate on base. Base 7x4 1/4". Shpg. wt. 2 lbs.

K14001—Each \$2.00

High Frequency Buzzer Only Adjustable type. Crystalline finished case. Shpg. wt. 1 lb. \$2.00

K14006—Your Cost 82¢

R69 Junior Code Set

Same as above, but with metal base and non-adjustable buzzer. Shpg. wt. 2 lbs.

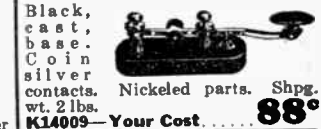
K14014—Each \$1.03

R70 Twin Practice Set

Two way communication outfit, consisting of two Junior sets with 75 feet of wire and an instruction manual. Can be operated between houses, etc. Ideal for the beginner who desires to learn the code. Shpg. wt. 6 lbs.

K14015—Your Cost \$2.05

R-50 Amateur Key



Black, cast, base. Coin silver contacts. Nickeled parts. Shpg. wt. 2 lbs.

K14009—Your Cost 88¢

Heavy Duty Keys



Arm, base and supporting posts of heavy cast brass. Coin silver contact points. Shpg. wt. 2 lbs.

K14002—R62 \$2.25

K14003—R63 2.35

K14004—R64 2.50

Key with Switch

A telegraph key with a switch to close contacts. Polished lacquered brass base. Key and switch lever nickeled. Shpg. wt. 4 lbs.

Type M100 \$1.75

K14017—Your Cost \$1.65

R48, as above, less switch. K14005—Your Cost

Perfect Merchandise - Prompt Shipment - Personal Service

RACKS · PANELS · CABINETS

New! Gray Wrinkle Finish Steel Panels



Another step forward by Lafayette. Something new—something different. In addition to the black X'tal finished steel panels, we now make available for the first time panels finished in commercial wrinkle slate gray—vy 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 1/4" 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 wrinkle 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.	Gray In.	Width In.	Wt. Lbs.	Your Cost	Stock No.	Gray In.	Width In.	Wt. Lbs.	Your Cost
K22169	K22118	1 1/2	2	\$0.50	K22163	K22124	12 1/2	12	\$1.30
K22170	K22119	3 1/2	6	.58	K22164	K22125	14	13	1.50
K22171	K22120	5 1/2	7	.66	K22165	K22126	15 1/2	14	1.70
K22160	K22121	7	8	.70	K22166	K22127	17 1/2	15	1.95
K22161	K22122	8 3/4	9	.90	K22167	K22128	19 1/2	16	2.06
K22162	K22123	10 1/2	10	1.10	K22168	K22129	21	17	2.30

Black Crystalline 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 1/4" aluminum, 19" wide.

Stock No.	Width In.	Wt. Lbs.	Your Cost	Stock No.	Width In.	Wt. Lbs.	Your Cost
K22200	1 1/2	1	\$0.75	K22206	12 1/2	4	\$2.95
K22201	3 1/2	1	1.05	K22207	15 1/2	5	3.75
K22202	5 1/2	2	1.35	K22208	17 1/2	5	3.98
K22203	7	2	1.60	K22209	19 1/2	6	4.50
K22204	8 3/4	3	1.95	K22210	21	7	5.25
K22205	10 1/2	3	2.50				

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 crystalline.



Stock Dimen. Shpg. Your No. Inches Wt. Cost

K22174	5 1/2 x 6 x 5 1/2	3 lbs.	\$0.73
K22175	5 x 9 x 6	5 lbs.	1.06
K22173	8 x 10 x 7	6 lbs.	1.29
K22176	8 x 10 x 10	7 lbs.	1.41
K22177	11 x 12 x 8	9 lbs.	1.76

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	16c	2c
K14911	1 1/2 x 3	23c	3c

Sheet Metal 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 Each
K15291	3/8"	\$1.67
K15292	1/2"	
K15293	5/8"	
K15294	1"	
K15295	1 1/8"	

K15296—Set of 5 punches... \$7.45

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 Crystallized finish.

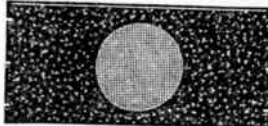


Stock No.	Dimen.	Shpg. Wt.	Your Cost	Stock No.	Dimen.	Shpg. Wt.	Your Cost
K22155	8x17x2"	14 lbs.	\$1.59	K22156	11x17x3"	20 lbs.	\$1.91
K22229	8x17x3"	15 lbs.	1.76	K22230	13x17x2"	21 lbs.	2.06
K22231	11x17x2"	19 lbs.	1.76	K22232	13x17x3"	22 lbs.	2.26

Cadmium Plated Chassis

Stock No.	Dimen.	Shpg. Wt.	Your Cost	Stock No.	Dimen.	Shpg. Wt.	Your Cost
K22109	8x17x2"	14 lbs.	\$1.59	K22111	18x17x2"	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 crystalline 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 described on page 119, or on standard relay racks for transmitters.

Stock No.	Panel Size	Hole Size	Speaker Size	Shpg. Wt.	List Price	Your Cost
K22237	8 1/2 x 19"	4 1/2"	6"	6	\$2.50	\$1.47
K22238	10 1/2 x 19"	6 1/2"	8"	8	3.00	1.76
K22197	12 1/2 x 19"	8 1/2"	10"	9	4.00	2.35
K22239	14 x 19"	10"	12"	10	4.50	2.65

Meter Panels



Of steel, with crystalline black finish. All 5 1/4" high, 19" long.

No.	Holes	Size	Wt.	Each
K22222	3	2"	7 lbs.	\$.95
K22223	5	2"	6 lbs.	1.38
K22224	3	3"	7 lbs.	.97
K22225	5	3"	6 lbs.	1.44

Steel Mounting Brackets

Black crystallized finish. Panels must be at least 7" high. Mounting holes drilled.

Stock No.	Size For Base	Your Cost Per Pair
K15271	8"	\$.56
K15272	11"	.73
K15269	13"	1.03

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"	3c
K14776	1"	5c
K14777	Cup washer	6c

Your Cost for 12

Portable Cabinets



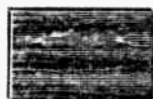
Made of sheet steel, reinforced on all edges, securely welded at all joints. Front and back panels removable, held by self-tapping screws that are supplied. Black crystalline finish. With carrying handle for portable work.

Stock No.	Dimensions	Shpg. Wt.	Your Cost
K22078	12x7 1/2 x 6 1/2"	9	\$1.62
K22079	15x7 1/2 x 6 1/2"	11	2.06

Chassis for above, 6 1/2 x 6 1/4 x 1 1/2". Ideal for mounting transceivers, portable test equipments, etc.

K22085—Your Cost..... 29c

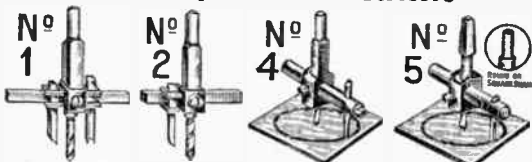
Radio Panels For All Uses



Black hard rubber and Bakelite panels, 3/8" thick—odd sizes cut to order at 1 1/2c per square inch. Aluminum and electrical panels, 1/8" thick—odd sizes cut to order at 1c per square inch. 75c minimum order.

Size Ins.	Bakelite		Hard Rubber		Aluminum		Electralloy	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
7x10	K19600	\$0.89	K19630	\$0.72	K19660	\$0.44	K22310	\$0.42
7x12	K19601	1.15	K19631	.82	K19661	.54	K22311	.45
7x14	K19602	1.30	K19632	.96	K19662	.63	K22312	.53
7x18	K19603	1.60	K19633	1.22	K19663	.85	K22313	.65
7x21	K19604	1.80	K19634	1.42	K19664	.95	K22314	.78
7x24	K19605	2.10	K19635	1.58	K19665	1.05	K22315	.89
7x30	K19608	2.57	K19638	1.98	K19666		K22317	1.12

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 5 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.

K14713—No. 5, 1/2" round shank.
K14715—No. 5, square shank.
K14717—No. 1. Above three. Your Cost Each..... **\$1.88**
K14711—No. 4. Your Cost Each..... **\$1.25** | K14718—No. 2. Your Cost Each..... **\$1.10**
K14716—Extra Blades. Your Cost Each..... 24c

Blank Chassis

Ternplate is steel lead plated. Electrical alloy is a non-magnetic zinc alloy. All have reinforced spot-welded corners.



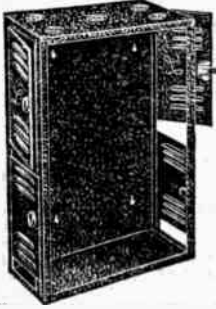
No.	L.W.H.	Wt.	Each
K22325	7 x 9 x 2	3 lbs.	\$0.40
K22326	7 x 11 x 2	3 lbs.	.45
K22327	7 x 13 x 2	4 lbs.	.50
K22328	10 x 12 x 3	5 lbs.	.54
K22329	10 x 17 x 3	6 lbs.	.75
K22330	10 x 23 x 3	7 lbs.	.85

No.	L.W.H.	Wt.	Each
K22331	7 x 9 x 2	3 lbs.	.76
K22332	7 x 11 x 2	3 lbs.	.93
K22333	7 x 13 x 2	4 lbs.	1.05
K22334	10 x 12 x 3	5 lbs.	1.12
K22335	10 x 17 x 3	6 lbs.	1.45
K22336	10 x 23 x 3	7 lbs.	1.69

Stock No.	Dimen.	Shpg. Wt.	Your Cost
K12807	7 x 7 x 2	3 lbs.	.49
K12812	10 x 12 x 3	3 1/2 lbs.	.78
K12806	10 x 14 x 3	4 lbs.	.89
K12810	10 x 17 x 3	5 lbs.	.99
K12811	10 x 23 x 3	6 lbs.	1.18
K12809	12 x 6 x 2 1/2	6 lbs.	.68

RACKS · PANELS · CABINETS

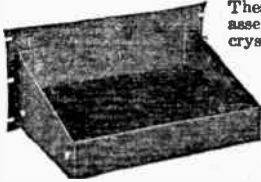
Wall Mounting Racks



Professional type wall mounting racks made of $\frac{1}{8}$ " steel. Strong re-reinforced corners for greater rigidity. Black crystalline finish. For use with all standard 19" long panels, and drilled for mounting holes every $1\frac{1}{2}$ ". Overall width $20\frac{1}{2}$ ", depth 10". 41" size has upper and lower door on each side; others have only one per side. All necessary mounting screws supplied. Doors have nickel-plated snap release locks and ample louvre vents. Can be used for all types of transmitters and public address equipment and is rigid enough for any floor mount.

Stock No.	Height	Panel Size	Shpg. Wt.	Your Cost
K22086	10	8" x 14"	14 lbs.	\$9.94
K22083	28 $\frac{1}{2}$	26 $\frac{1}{2}$ " x 39"	39 lbs.	13.75
K22084	41	38 $\frac{1}{2}$ " x 65"	65 lbs.	21.50

Combination Bracket and Panel



These units have many uses in relay rack assemblies. Built of heavy steel, with black crystallized finish. Each assembly will take either 2", 2 $\frac{1}{2}$ " 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 on preceding page. 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 $\frac{1}{4}$ " x 19"	8x17"	12 lbs.	\$2.50	\$1.47
K22234	8 $\frac{1}{4}$ " x 19"	11x17"	14 lbs.	2.95	1.73
K22236	12 $\frac{1}{4}$ " x 19"	13x17"	16 lbs.	3.75	2.20

Steel Cabinets for Rack Panels



Constructed of $\frac{1}{4}$ " steel, with black crystallized finish. Take standard 19" rack panels. Rigid spot-welded joints; ventilation louvres; latch covers. All models take 13" chassis.

K22194—Cabinet for single 8 $\frac{1}{4}$ " x 19" panel. Door in top. 8 $\frac{1}{4}$ " high, 13" deep. Wt. 20 lbs. **\$5.17**

Your Cost.....

K22003—Cabinet for single 10 $\frac{1}{2}$ " x 19" panel. Door in top. 10 $\frac{1}{2}$ " high, 13" deep. Wt. 22 lbs. **\$6.24**

Your Cost.....

K22193—Cabinet for two 8 $\frac{1}{4}$ " x 19" panels. Top and rear doors. 17 $\frac{1}{2}$ " high, 13" deep. Shpg. wt. 34 lbs. **\$9.12**

Your Cost.....

K22192—Cabinet for three 8 $\frac{1}{4}$ " x 19" panels. Door on rear panel. 26 $\frac{1}{2}$ " high, 13" deep. Shpg. wt. 42 lbs. **\$9.70**

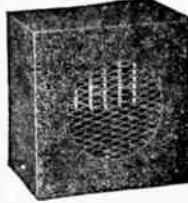
Your Cost.....

K22190—Cabinet for four 8 $\frac{1}{4}$ " x 19" panels. Door on rear panel. 35" high, 13" deep. Shpg. wt. 50 lbs. **\$11.76**

Your Cost.....

Speaker Cabinets

These cabinets are substantially made of sheet steel, completely enclosed, with louvres in the removable back cover. Speaker opening has a welded grill to protect the speaker from damage. Overall finish in black crystallized finish. Four different sizes available to take all the most popularly used speakers. These units will add a neat, professional appearance to the ham rig, and at the same time, will protect the speaker from accidental damage.



Stock No.	Cabinet Size	Hole Size	For Speaker	Shpg. Wt. Lbs.	List Price	Your Cost
K22243	9x9x6"	4 $\frac{1}{2}$ "	6"	8	\$3.75	\$2.20
K22244	11x11x7"	6 $\frac{1}{2}$ "	8"	9	4.60	2.70
K22195	13x13x8"	9 $\frac{1}{2}$ "	10"	15	6.50	3.82
K22196	15x15x8"	11"	12"	20	8.75	5.14

Hinged Utility Steel Cabinets



Excellent for housing monitors, oscillators, etc. Have full length piano hinge on top door. Ventilating louvres on top and sides. Finished in black ripple finish. Shipped knocked down, with all hardware included. Of heavy gauge steel. Highly attractive. Wt. 15 lbs.

Stock No.	Dimensions H. L. D.	For 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

For use in laboratories, shops, amateur stations. With panel.

Table Mounting Relay Racks

These racks are intended for table mounting and are useful wherever a regular floor type heavy duty rack is not required. Mounting holes are accurately drilled on 1 $\frac{1}{2}$ " centers, tapped for 10-32 screws. They are finished in black crystalline finish, and are 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**

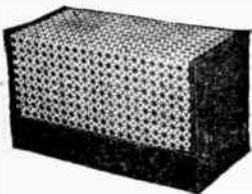
Your Cost..... **\$3.82**

K22103—Table rack 32" high, 20" wide, 12" deep. Panel space 28x19". Shpg. wt. 36 lbs. **List Price \$8.50**

Your Cost..... **\$5.00**



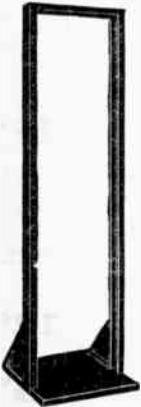
Amplifier Chassis And Screen Cover



Professional type, made of cold rolled steel. Chassis has spot-welded corners. Black crystalline finish. Covers are 5 $\frac{1}{2}$ " deep. No bottom plates on chassis; chassis drilled for bottom plates.

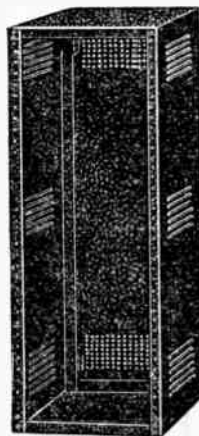
Stock No.	Chassis Size	Shpg. Wt.	Your Cost
K22104	5x10x3"	9 lbs.	\$1.41
K22105	6x14x3"	10 lbs.	1.62
K22106	7x17x3"	11 lbs.	2.06
K22107	10x12x3"	11 lbs.	2.06
K22108	10x17x3"	13 lbs.	2.50

Standard Type Relay Racks



Constructed of $\frac{1}{8}$ " steel, with spot welded corners. Finished in black crystalline finish. Racks are for use with standard 19" long panels, and are drilled for mounting holes every 1 $\frac{1}{2}$ ". 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 Height Shpg. Wt. Lbs. Your Cost**

K22150	78 $\frac{1}{4}$ "	60	\$10.70
K22151	87 $\frac{1}{2}$ "	80	8.70



Enclosed Relay Racks

Heavy gauge steel, in black crystalline finish. Holes drilled for standard 19" panels every 1 $\frac{1}{2}$ ". Screen perforations in back and side, louvres provide good ventilation. Both sizes measure 21" wide and 15 $\frac{1}{2}$ " deep; but No. K22153 is 66 $\frac{1}{2}$ " high and No. K22154 is 42" high. Shipped knocked-down, with all nuts, bolts, washers. All sizes given are overall dimensions. **Stock Shpg. Wt. Lbs. Your Cost**

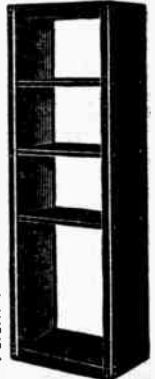
K22153	120	\$25.95
K22154	75	18.95

Sectional P. A. Racks

Suitable for public address systems or amateur transmitters where panels are not used, and where equipment can be mounted directly on the steel shelves. Made entirely of sheet steel. All corners re-inforced. Wiring can be concealed behind channel corners at front and back. Both units are 19 $\frac{1}{2}$ " wide by 12 $\frac{1}{2}$ " deep overall. 5-foot rack has 3 shelves; 3-foot rack has 2 shelves. 16 $\frac{1}{2}$ " between uprights. Finished in black crystalline finish. Shipped knocked-down, with all hardware. **Sizes are overall. Stock Height Wt. Lbs. Your Cost**

K22149	37 $\frac{1}{2}$ "	40	\$7.95
K22152	60 $\frac{1}{2}$ "	60	9.95

Additional steel shelves for the above. Wt. 7 lbs. **K22159—Your Cost... 97c**



Transmitting MATERIALS & EQUIPMENT

E. F. JOHNSON INSULATORS



Stand-Offs

Made of white glazed porcelain. Furnished with all hardware.

K16745—No. 20. 1 3/8" high, 10-32 hardware.

Your Cost Each **7^c**

K16744—No. 20J. Same as above, with jack top.

Your Cost Each **9^c**

K16746—No. 22. 1" high, 8-32 hardware.

Your Cost Each **5^c**

K16748—No. 22J. Same as above, with jack top.

Your Cost Each **7^c**

K16747—No. 24. 3/8" high, 6-32 hardware.

Your Cost Each **4^c**

Metal Base Stand-Offs

Cadmium plated drawn steel bases. White glazed porcelain. No. 65, "bee-hive" type, has 10-32 hardware. Nos. 66 and 67 have 1/2-20 hardware.

K17024—No. 65. 1 3/4" high.

Your Cost Each **12^c**

K17025—No. 66. 2 3/4" high.

Your Cost Each **21^c**

K17026—No. 67. 4 1/2" high.

Your Cost Each **32^c**

Thru-Panel Insulators

Made of white glazed porcelain. Non-hygroscopic. Feature great mechanical strength and increased break-down voltage. Flat mounting surfaces with cushion washers eliminate breakage. Nickel plated brass hardware furnished. Jack type furnished with solder lug for terminal above or below panel. Bottom pieces have grooved surface to increase leakage path. White Glazed Porcelain. Write for quantity prices.

K16736—No. 40. 1 1/4" body top, 1/2" bottom. 10-32 hardware. 1/2" panel hole mounting.

Your Cost Each **15^c**

K16737—No. 40J. Same as above, but with jack top.

Your Cost Each **18^c**

K16738—No. 42. 7/8" body top, 3/8" bottom. 10-32 hardware. 3/8" panel hole mounting.

Your Cost Each **12^c**

K16739—No. 42J. Same as above, but with jack top.

Your Cost Each **15^c**

K16740—No. 44. 5/8" body top, 3/8" bottom. 6-32 hardware. 3/8" panel hole mounting.

Your Cost Each **8^c**

K16741—No. 45. 1 3/8" body top, 1 1/8" bottom. 10-32 hardware. 3/8" panel hole mounting.

Your Cost Each **18^c**

K16742—No. 45J. Same as above, but with jack top.

Your Cost Each **21^c**

NEW! BASSET CONCENTRIC FEEDER

A 100% FLEXIBLE coaxial transmission system for the transfer of audio or radio frequency. Can be tied into knots! 62.5 ohms surge impedance at all frequencies; impervious to most adverse weather; can be loaded with a kw., without heating; zero line radiation; outer conductor may be grounded; no insulation required. With instructions giving 20 different antenna systems.

K16491—BCF-50; complete feed system with end seal and leads brought out for soldering to center of 1/2-wave doublet 50 feet from transmitter. Shpg. wt. 15 lbs.

Your Cost **\$9.75**

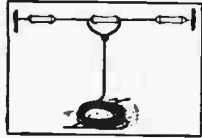
K16492—BCF-75 complete feed system as above, but for antennas 75 feet or less from transmitter. Shpg. wt. 28 lbs.

Your Cost **\$12.75**

K16493—BCF-100 complete feed system as above, but for antennas 100 feet or less from transmitter. Shpg. wt. 38 lbs.

Your Cost **\$16.75**

NOTE: Write for prices on special lengths of Basset Coaxial cable.



Lafayette

Five-Meter Antennas

Two sections fastened with an insulating cross bar. For use with any twisted-pair, 72-ohm transmission line. Can be mounted vertically or horizontally. Complete with cadmium plated mounting flange. Telescopic feature permits tuning to any frequency in 56-60 mc. band. Binding posts for feeders. Completely closed 40", fully extended 9 ft.; each half in three aluminum sections.

K17080—**Your Cost** **\$2.36**



MATCHED IMPEDANCE TYPE

Comprise one aluminum half-wave rod adjustable up to 110". Brass collar holds feeders in place. Similar in appearance to above, except the two arms are not insulated from each other. Complete with mounting base. Shpg. wt. 2 lbs.

K17079—**Your Cost** **\$2.36**

VERTICAL FIVE-METER ANTENNAS



Telescopic types using aluminum tubes with (force locking collars. In two types of mounting—binding post for direct attachment to transmitter or receiver; flange type for permanent outdoor or base installations.

Stock No.	Wave Type	Sections	Length Ins. Open—Closed	Type of Mounting	Your Cost
K17145	1/2	3	52—18	Ins. Base	\$0.94
K17146	3/4	4	52—16	Bind. Post	1.18
K17081	1	3	102—36	Bind. Post	1.12
K17147	1 1/2	3	102—36	Ins. Base	1.32

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 insulators. Shpg. wt. 5 lbs.

K17162—10 Meter Kit. List Price \$6.25

Your Cost **\$3.67**

K17163—20 Meter Kit. List Price \$9.90

Your Cost **\$5.82**

K17164—40 Meter Kit. List Price \$17.50

Your Cost **\$10.29**

K17165—80 Meter Kit. List Price \$32.75. **Your Cost** **\$19.25**

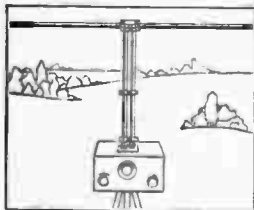


FIVE-METER "Q"

This highly efficient antenna is designed for convenient installation either at a fixed station or under a variety of conditions encountered in portable work. It is possible to mount the antenna directly on a transceiver or portable transmitter case, or it may be suspended in the air between suitable supports using a transmission line. The "Q" assembly weighs only 1 3/4 pounds net.

K17167—Type 5Q 5-meter antenna complete with antenna, quarter-wave tubes, 4 glazed porcelain bases.

Your Cost **\$3.82**



List price \$6.50

Your Cost **\$3.82**

K17168—As above, but Mycalex insulated. **Your Cost** **\$5.59**

K17169—Mounting jack strip with Mycalex. **Your Cost** **\$1.18**

K17170—Lug terminal strip with Mycalex insulation. **Your Cost** **59c**

Pyrex Stand-Off Insulators

Are absolutely non-hygroscopic. Unaffected by temperature changes. Oval base size 3 1/8 x 1 3/8". Diameter of glass 1 1/4". 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**

K16809—7" high overall. Shpg. wt. 3 lbs. **Your Cost Each** **\$1.79**

PYREX Double Lead-Ins

Diameter 2 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**

K16814—20" rod. **Your Cost** **\$1.69**



Birnbach PRODUCTS

Stand-Off Insulators



Made of highly glazed white porcelain. The 4 1/2" unit has a break-down voltage of 10,000 volts.

SCREW TERMINALS

Stock No.	Size H. D.	Size Thread	Your Cost
K17061	5/8 x 1/2	6-32	4c
K17062	1 x 3/8	8-32	5c
K17063	1 1/2 x 1/8	10-32	7c
K17064	2 3/4 x 2	1/2-20	18c
K17065	4 1/2 x 2 1/2	1/2-20	29c

JACK TERMINALS

Stock No.	Size	Your Cost
K17091	1 x 3/8"	6c
K17053	1 1/2 x 1 3/8"	9c
K17054	2 3/4 x 2"	33c
K17055	4 1/2 x 2 1/2"	44c

"Giant" Banana PLUGS AND JACKS



Made of brass, nickel-plated.

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, 1/2" mounting hole. With nut and lug.

K12994—Giant jack, 3/4" mounting hole. With nut and lug.

Your Cost Each **15^c**

Any Type **15^c**

STEATITE Stand-Off Insulators

Made of white, brilliantly glazed Steatite, offering maximum insulation. Ideal for mounting condensers, coils, tube sockets and other high frequency apparatus. Available in four standard sizes, to fill practically all requirements. Furnished complete with nickel plated brass hardware.

K17001—5/8" high, 5/8" base diam. Threaded both ends 6-32. **Your Cost** **6^c**

K17002—1" high, 1 1/8" base diam. Threaded both ends 8-32. **Your Cost** **9^c**

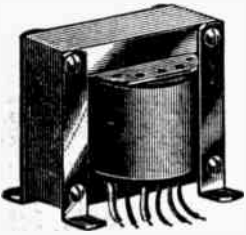
K17003—1 1/2" high, 3/4" base diam. Threaded both ends 10-32. **Your Cost Each** **12^c**

K17004—2 3/4" high, 1 1/2" base diam. Threaded both ends 1/2-20. **Your Cost** **15^c**



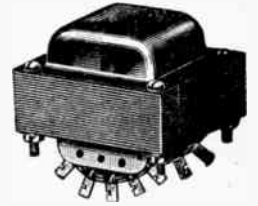
Trutest Power Transformers

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 Tube Midgets

Secondaries: (1) 650 volts c.t. at 40 ma.; (2) 2.5 volts c.t. at 8.75 amps.; (3) 5 volts at 2 amps. $3\frac{1}{2} \times 2\frac{1}{2}$ " centers $2\frac{1}{2} \times 2$ ".
Shpg. wt. 4 lbs.
K1521—Your Cost Each..... 71¢

For 5 Tube Midgets

Secondaries: (1) 680 volts c.t. at 60 ma.; (2) 2.5 volts c.t. at 7 amps.; (3) 5 volts at 2 amps. $3\frac{1}{2} \times 2\frac{1}{2}$ " centers $2\frac{1}{2} \times 2$ ".
Shpg. wt. 4 lbs.
K2431—Your Cost Each..... 98¢

For 6 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 $3\frac{1}{2} \times 2\frac{1}{2}$ ".
Shpg. wt. 6 lbs.
K1492—Your Cost Each..... \$1.35

For 7 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 3.5 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 and 9 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 and 12 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..... \$2.19

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. Average temperature rise 51° C. Insulation tested at 1500 volts. Primaries tested at double the rated voltage.

Horizontal Mounting For 2.5 Volt Tubes For 5 and 6 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..... \$1.35

For 6 and 7 Tube Sets

Mounting Area: $3\frac{1}{2} \times 3\frac{1}{2}$ ". 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 and 9 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 and 12 Tube Sets

Mounting Area: $4\frac{1}{2} \times 3\frac{1}{2} \times 3\frac{1}{2}$ ". Mounting Centers: $3\frac{1}{2} \times 2\frac{1}{2}$ ". 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 Tube Midgets

Mounting Area: $3\frac{1}{2} \times 2\frac{1}{2}$ ". Mounting Centers: $2\frac{1}{2} \times 2$ ". Primary: 115 volts, 60 cycles. Secondaries: (1) 650 volts c.t. at 40 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..... 75¢

For 5 Tube Midgets

Mounting Area: $3\frac{1}{2} \times 2\frac{1}{2}$ ". 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..... 95¢

For 6 Tube Sets

Mounting Area: $3\frac{1}{2} \times 2\frac{1}{2}$ ". Mounting Centers: $2\frac{1}{2} \times 2$ ". Primary: 115 volts, 50-60 cycles. Secondaries: (1) 600 volts c.t. at 50 ma.; (2) 6.3 volts c.t. at 2 amps.; (3) 5 volts at 2 amps.
Shpg. wt. 4 lbs.
K1518—Your Cost Each..... \$1.05

For 7 and 8 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) 700 volts c.t. at 90 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..... \$1.85

For 9 and 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) 700 volts c.t. at 100 ma.; (2) 6.3 volts c.t. at 4 amps.; (3) 2.5 volts c.t. at 4 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 and 6 Tubes
Secondaries: 650 volts c.t. at 60 ma.; 2.5 volts c.t. at $5\frac{1}{4}$ amps.; 2.5 volts c.t. at 1.75 amps.; 5 volts at 3 amps. Dimensions: $2\frac{3}{8} \times 3\frac{1}{4} \times 3\frac{1}{4}$ ". Shpg. wt. 5 lbs.
K1450—Your Cost..... \$1.29

2.5 Volts—6 and 7 Tubes
Secondaries: 700 volts c.t. at 70 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 and 9 Tubes
Secondaries: 700 volts c.t. at 90 ma.; 2.5 volts c.t. at 10.5 amps.; 2.5 volts c.t. at 3 amps.; 5 volts at 3 amps. Dimensions: $3\frac{1}{2} \times 4\frac{1}{4} \times 3\frac{1}{2}$ ". Shpg. wt. 7 lbs.
K1452—Your Cost..... \$1.85

6.3 Volts—4 and 5 Tubes
Secondaries: 650 volts c.t. at 50 ma.; 6.3 volts c.t. at 1.6 amps.; 5 volts at 2 amps. Dimensions: $2\frac{1}{2} \times 3\frac{1}{2} \times 3\frac{1}{2}$ ". Shpg. wt. 4 lbs.
K5492—Your Cost..... \$1.10

6.3 Volts—6 and 7 Tubes
Secondaries: 650 volts c.t. at 70 ma.; 6.3 volts c.t. at 2.8 amps.; 5 volts at 3 amps. Dimensions: $2\frac{1}{2} \times 3\frac{1}{2} \times 3\frac{1}{2}$ " 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. 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 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

2.5 Volts—7 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.
K1958—Your Cost..... \$2.35

2.5 Volts—9 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 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

Exact Duplicate Power Transformers

Name of Radio and Model	Stock No.	Your Cost
ALL AMERICAN MOHAWK		
Lyric 90, 93, 4, 5, 6	K2200	\$3.40
D and H	K2201	3.40
J, P	K5586	2.69
APEX		
Gloritone 26-A	K2205	2.20
Gloritone 26-P	K2484	2.20
Gloritone 27	K2485	2.48
Case 80	K2210	3.85
Case 8-B	K2211	3.10
Case 32	K2483	2.95
ATWATER KENT		
36, 37 and 38	K2255	2.35
40, 56, 57, 42, 44, 45, 52 Complete Pack	K1376	4.95
46, 47, 53 Complete Pack	K1375	7.25
55 and 55-C, Late Types	K2446	3.70
60 and 60-C	K2246	3.55
82, 85	K2447	3.25
80 and 83	K2472	3.25
84	K2474	3.25
87, 89 and 89-P	K2476	3.70
70, 72, 75, L-1, L-2, H-1, H-2	K2440	3.25
92 Early and Late	K2396	3.45
94	K2397	3.45
96 (all models)	K2398	3.45
856, 976	K2399	3.45
310	K2378	3.75
BOSCH		
5, 5A	K2406	2.50
28	K2254	1.95
48	K2260	3.40
58	K2261	3.40
29, 29A	K2336	4.10
31, 32	K2400	2.35
73, 74	K2401	2.75
250-P	K2433	3.95
312	K5588	4.95
CLARION		
300	CL132	3.50
56	CL264	3.50
340	CL267	2.70
470	CL482	1.95
51	CL103	2.75
61, 70	CL200	3.25
161, 132	CL232	2.95
80	CL102	2.00
200	CL262	1.75
240	CL269	1.95
COLONIAL		
31	K2363	3.40
32	K2279	3.70
47	K2227	2.95
44	K2226	2.75
41, 42	K2402	3.25
51	K2403	3.25
52	K2404	3.25
COLUMBIA RADIO		
Screen Grid 8 (with Choke)	K2305	3.75
CROSLEY		
40S, 41S, 42S, 45S, 82S	K1851	3.45
30S, 31S, 33S, 34S	K1883	3.45
32, 40, 41	K1852	3.25
131, 132	K5593	3.95
AC-7	K1890	1.10
704	K1887	1.35
704-A	K1886	1.95
53, 54, 57, 58	K5594	3.25
124	K5595	3.25
EARL and FREED		
Earl 21, 22; Freed 55, 56	K2286	2.55
Earl 24, 31, 32, 33, 41; Freed 65, 78, 79, 90, 95	K2287	3.40
Earl 24, 31, 32, 33, 41; Freed 65, 78, 79, 90, 95, coil only	K2288	1.95
EDISON		
R-4, R-5 and C-4	K2251	3.85
R-6 and R-7	K2306	4.10
R1, R-2 and C-2 (Plate)	K2350	2.75
EVEREADY		
1, 2 and 3	K2254	1.95
40 and 50 series	K2284	2.75
FADA		
25	K2351	3.65
35 and 35-B	K2352	3.75
41, 42, 44, 46 and 47	K2353	3.65
43, KF, KG, 761, 766, 767	K2354	3.65
50, 70, 71, 72 for E-420 Unit	K2355	3.65
45 (KU)	K2358	3.65
FRESHMAN		
"Q" 60 cycle	K2263	2.45

Name of Radio and Model	Stock No.	Your Cost
GENERAL ELECTRIC		
H-31, H-51 and H-71, 60 cycle	K2156	\$2.95
T-41, 60 cycle	K2155	2.95
T-41, 25 cycle	K2143	3.45
S-22, S-42, 60 cycle	K2187	1.95
T-12, 60 cycle	K2188	2.20
K-62, 60 cycle	K2189	3.25
H-32, H-72, 60 cycle	K2190	1.75
J-72	K2118	2.95
J-82	K2117	3.35
J-83 and J-87	K2119	3.25
J-85	K2112	2.75
J-70-75	K2454	2.25
GENERAL MOTORS		
"A", 120, 130, 140, 150, 160	K2278	3.10
MA and MB Chassis for 110, 180, 190	K2518	2.05
252, 253, 254, 255, 256, 257	K2520	3.05
S-1-A, 216, 217, 219, 250	K2521	3.05
110, 180, 190, 25 cycle	K2519	2.95
GRAYBAR		
311, 60 cycle	K2150	1.45
500 and 550, 60 cycle	K2152	2.95
340, 60 cycle	K2153	2.95
678, RC-3, 60 cycle	K2155	2.95
678, RC-3, 25 cycle	K2143	3.45
600, 60 cycle	K2154	2.95
700, 770, 900, 60 cycle	K2156	2.95
Midget 8, 60 cycle	K2187	1.95
Graybrette No. 4, 60 Cycle	K2188	2.20
GB-9, 60 cycle	K2189	3.25
GB-100, 60 cycle	K2190	1.75
GRUNOW		
6C, 660, 661	K5601	3.75
6D, 670, 671	K5602	3.75
7A, 700, 701	K5603	3.75
7B, 750, 751	K5604	3.75
8A, 801	K5605	3.75
9A, 901, 902	K5606	3.75
KOLSTER		
K-24	K2054	4.45
K-43 and K-48	K2051	3.90
6-J and 6-K	K2066	3.75
International K-80, K-90	K2068	3.45
International K-130	K5608	3.75
International K-140	K5609	3.75
MAJESTIC		
70, 71, 72, 7-BP6, Plate-Filament	K2125	3.45
90, 91, 92, 9-BP6, Plate-Filament	K2100	3.45
180, 8-BP6, Plate Transformer	K2169	4.45
90-B and 100-B	K2127	2.65
Chassis 15: 151, 153, 154	K1491	2.09
Chassis 20: 21, 22, 23	K2129	2.75
Chassis 50: 52	K2132	3.10
Chassis 130: 131, 132, 25 Series	K2130	3.45
210, 211, 214, 215	K2128	3.25
290, 291, 293, 294	K2097	3.20
820, 824	K5612	4.45
340, 344	K5613	3.95
360, 363	K5614	3.95
371, 373, 370	K5615	2.25
300, 300A	K2044	3.75
310A, 311	K2045	2.95
310B, 314, 315	K2046	2.95
330, 331, 336, 77	K2047	2.75
380, 381	K2016	1.70
390	K2048	2.75
460, 461, 463	K2405	2.95
800	K2049	2.75
PHILCO		
15	K1909	2.35
20 and 220	K1955	2.35
21	K1910	2.35
50	K1951	2.07
65	K1956	2.35
70	K1957	2.35
76 and 77	K1958	2.35
86	K1960	2.35
87	K1959	2.35
90 (2-45s)	K1961	2.35

Name of Radio and Model	Stock No.	Your Cost
PHILCO—(Cont.)		
90 (1-47)	K1952	\$2.35
90 (2-47s)	K1953	2.35
91-121	K1911	2.35
95 and 96	K1962	2.35
111 and 211	K1963	2.35
112 and 212	K1954	2.35
500 Series (511)	K1964	2.25
RCA-RADIOLA		
30-A	K2175	2.45
17, 18, 38, 40, 51; 60 cycle	K2150	1.45
44, 46, 47; 60 cycle	K2152	2.95
60 and 62; 60 cycle	K2153	2.95
66; 60 cycle	K2154	2.95
66; 25 cycle	K2193	4.75
64 and 67; 60 cycle	K2157	7.95
42 and 48; 60 cycle	K2155	2.95
42 and 48; 25 cycle	K2143	3.45
80, 82, 86; 60 cycle	K2156	2.95
R7, 7A, 9, RE-16A	K2187	1.95
R5, R5X	K2188	2.20
R-70	K2118	2.95
R-11, 18 and 18-A; 60 cycle	K2189	3.25
R-50, R-55 and RE-20, 60 cycle	K2190	1.75
R-8, R-10, R-12; 60 cycle	K2112	2.75
R-71, R-72	K2117	3.35
R-73, 75, RE-80 (47's)	K2119	3.25
R-4, R-6	K2454	2.25
R37, R38, R37P, 120	K2009	2.88
R28, R28P, R28BW, RE40, RE40P, 110, 111, 115, 210, 310	K2008	2.56
R90, R90P, 260	K2014	5.00
R-100, E-101	K2011	1.92
380, 381	K2015	2.62
118, 128, 128E, ACR136, 211, 224, 224E, 322, 322E	K2120	2.87
140, 141, 141E, 240, 340, 340E	K2121	4.10
143, 242, 262, 341	K2122	3.81
R.C.A. VICTOR		
R-32, RE-45, R-52, RE-75	K2185	2.65
100, 15, 14 and 17	K2155	2.95
35, 39 and 57; 60 cycle	K2195	2.95
7-11, 7-25, 7-26 and 17-8	K2150	1.45
9-18 and 9-54	K2157	7.95
R-7AC	K2187	1.95
R-5AC	K2188	2.20
R-11	K2189	3.25
R-50, R-55, RE-20	K2190	1.75
SPARTON		
AC-7, 62 and 63	K229	2.35
930	K228	3.25
89-A	K231	3.00
591, 593 and 931	K234	3.53
301, 564 and 570	K235	4.50
600, 610, 620 and 737	K236	3.70
69, 79, 79A, 89	K1834	2.45
STEWART-WARNER		
900 and 950 Series, 951, 952, 953, 961, 962, 963	K2272	2.88
102, A, B, E	K2214	2.25
R-119	K1804	1.75
R120, 1201, 1209	K5620	3.95
STROMBERG-CARLSON		
10, 11, 25 and 26	K2370	3.75
38, 39, 40, 41	K2392	3.75
635 and 636	K2256	3.45
638, 25-60 cycle	K2249	4.95
641, 642, 652, 654	K2257	3.40
846 and 848	K2258	3.80
WESTINGHOUSE		
WR-4	K2155	2.95
WR-5, WR-6 and WR-7	K2156	2.95
WR-10A	K2187	1.95
WR-14	K2188	2.20
WR-15	K2189	3.25
ZENITH		
50-60 and 70 Series: ZE-50, ZE-60, ZE-70 Power Units	K1980	3.50
ZE11 Plate Transformer	K1976	2.95
Super-Het, 10, 11 and 12	K1981	3.20
410, 411	K1977	3.75
BH chassis 2021	K5623	3.75
475, 760, 767, 765	K5625	3.75
476B, 77B, 775B	K5626	3.95

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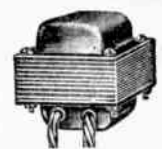
THORDARSON Replacement POWER TRANSFORMERS

UNIVERSAL DUPLICATE REPLACEMENT TRANSFORMERS

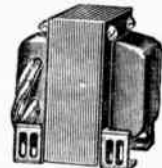
- EIGHTEEN Universals Replace 800 Exact Duplicates
- UNIVERSAL Mountings Meet ALL Chassis Requirements
- FULLY SHIELDED—Popularly Priced—Thordarson Quality

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

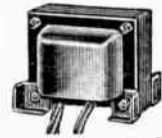
they can be mounted in any position to meet all replacement requirements. Slotted holes permit wide variation in meeting chassis mounting holes. Mounted upright they are fully shielded. Write us for FREE Thordarson Replacement Transformer Encyclopedia.



Wide Vertical Mounting



Half Shell Mounting



Narrow Vertical Mounting

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	2 1/2V @ 4A CT	2 1/2x2 1/2x3	4 1/2	\$1.38	
K582	T-13R02	115	60	700 CT	50	5V @ 3A	2 1/2V @ 7 1/2A CT	2 1/2x2 1/2x3	4 1/2	1.76	
K583	T-13R03	115	75	700 CT	70	5V @ 3A	2 1/2V @ 9A CT	2 1/2x3 3/4x3 3/4	4 1/2	1.91	
K584	T-13R04	115	115	700 CT	90	5V @ 3A	2 1/2V @ 12 1/2A CT	3 1/2x3 1/2x3 3/4	7	2.35	
K585	T-13R05	115	110	700 CT	70	5V @ 3A	2 1/2V @ 9A CT	3 1/2x3 1/2x3 3/4	7	2.35	
K586	T-13R06	115	130	700 CT	120	5V @ 3A	2 1/2V @ 12 1/2A CT	3 1/2x3 1/2x4 1/4	7 1/2	2.94	
K587	T-13R07	115	140	800 CT	110	5V @ 3A	2 1/2V @ 15A CT	3 1/2x3 1/2x4 1/4	8	2.94	
K588	T-13R08	115	105	700 CT	90	5V @ 3A	6.3V @ 3.3A CT	3 1/2x3 1/2x3 3/4	7	2.50	
K589	T-13R09	115	160	750 CT	180	5V @ 3A	6.3V @ 3.3A CT	3 1/2x3 1/2x4 1/4	8 1/2	3.53	
K590	T-13R00	115	70	550 CT	70	5V @ 3A	5V @ .5A CT	2 1/2V @ 10 1/2A CT	2 1/2x3 1/2x3 3/4	5	2.06
K591	T-13R11	115	60	650 CT	40	5V @ 3A	6.3V @ 2A CT	2 1/2x2 1/2x3 3/4	4 1/2	1.47	
K592	T-13R12	115	65	700 CT	70	5V @ 3A	6.3A @ 2 1/2A CT	2 1/2x3 1/2x3 3/4	4 1/2	1.76	
K593	T-13R13	115	90	700 CT	90	5V @ 3A	6.3V @ 3 1/2A CT	3 1/2x3 1/2x3 3/4	7	2.20	
K594	T-13R14	115	115	700 CT	120	5V @ 3A	6.3V @ 3A CT	3 1/2x3 1/2x3 3/4	7	2.50	
K595	T-13R15	115	140	750 CT	150	5V @ 3A	6.3V @ 5A CT	3 1/2x3 1/2x4 1/4	7 1/2	3.38	
K596	T-13R16	115	180	800 CT	200	5V @ 3A	6.3V @ 5.14A CT	3 1/2x3 1/2x4 1/4	8 1/2	3.82	
K597	T-13R17	115	85	600 CT	60	5V @ 3A	6.3V @ 2 1/2A CT	2 1/2V @ 7 1/2A CT	5	2.06	
K598	T-13R18	115	115	700 CT	90	5V @ 3A	6.3/2 1/2V @ 3.5A CT	2 1/2V @ 9A CT	6 1/2	2.65	



THORDARSON Fully-Shielded Power Transformers



- 2.5 Volt (7 to 11 Tubes)**
T5602—700 volts ct. at 70 ma.; 2.5 volts ct. at 9 amps.; 2.5 volts ct. at 1.5 amps.; 5 volts at 2 amps. Size, 4 3/8x3 3/4x3 3/4", mtg., 2 3/8x3".
Your Cost... \$2.50
- 2.5 Volt (8 to 12 Tubes)**
T5604—700 volts ct. at 105 ma.; 2.5 volts ct. at 12 amps.; 5 volts at 3 amps. Size, 5x3 3/4x3 3/4".
Your Cost... \$3.09
- 2.5 Volt (10 to 15 Tubes)**
T5605—700 volts ct. at 110 ma.; 2.5 volts ct. at 9 amps.; 2.5 volts ct. at 8 amps.; 2.5 volts ct. at 3 amps.; 5 volts at 3 amps. Size, 5x3 3/4x3 3/4".
Your Cost... \$3.38

- 6.3 Volt (4 or 5 Tubes)**
T7078—680 volts ct. at 55 ma.; 6.3 volts ct. at 1.5 amps.; 5 volts at 2 a. Size, 3 1/2x3 1/4x4 1/2".
Your Cost... \$1.76
- 6.3 Volts (7 to 8 Tubes)**
T7061—770 volts ct. at 70 ma.; 6.3 volts ct. at 2.5 amps.; 5 volts at 2 a. Size, 4 1/2x3 3/4x3 1/4".
Your Cost... \$2.35
- 6.3 and 2.5 Volts (11 Tubes)**
T7550—870 volts ct. at 250 ma. (bias tap 80 v.); 6.3 volts ct. at 1.5 amps.; 2.5 volts ct. at 10 amps.; 2.5 volts at 3 amps.; 5 volts at 3 amps. Size, 3 3/4x4 1/2x5".
Your Cost... \$4.70

- For Class "B" Receivers**
T6793—700 volts ct. at 200 ma.; 2.5 volts ct. at 15 amps.; 5 volts at 3 amps.; 5 volts ct. at 2 amps. Size, 5x3 1/4x3 1/4".
Your Cost... \$4.70
- T6985—775 volts ct. at 200 ma.; 6.3 volts ct. at 3 amps.; 5 volts at 3 amps. Size, 5x3 3/4x4 1/2", mtg., 3x3 1/2". Shpg. wt. 12 lbs.
Your Cost... \$4.12

- "913" Transformer**
T-9233—Primary for 115 volts, 60 cycles. Secondaries: 400 volts d.c. at 15 ma.; 500 volts d.c. at 3 ma.; 6.3 volts ct. .9 amps.; 6.3 volts at .6 amps.; 6.3 volts at .6 amps.; 2.5 volts at 1.4 amps.; 3 1/2x3 1/4x4 1/2". Wt. 7 lbs.
Your Cost... \$2.35
- T-9225—Same primary as above. Secondaries: 500 volts d.c. tapped at 430 volts, at 3 ma.; 6.3 volts at .9 amps. 2x2 1/2x2 1/2".
Your Cost... \$1.32

- T-8460—Power Transformer for 6L6 Amplifiers.** Primary 115 volts, 60 cycles. Secondary with tap to supply 400 volts at 250 ma., and 30 volts at 50 ma. Through filter and bleeder circuit 300 volts at 100 ma. and 250 volts at 25 ma. may be obtained. Size: 5x3 3/4x4 1/4"; center 3x4". Shpg. wt. 14 lbs.
Your Cost... \$4.56



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			
Stock No.	Type No.	Model Numbers	Your Cost
K1131	P2463	34	\$2.35
K1132	P4431	35, 45	1.76
K1133	P4055	50	1.40
K1134	P4056	60	1.76
K1135	P4431-1	65	1.76
K1136	P4057	80	1.76
K1137	P4058	Golden Voice	2.12

RCA-Victor			
Stock No.	Type No.	Model Numbers	Your Cost
K1141	P4051	M101, 104, M108	\$1.40
K1142	P4052	M109	1.76
K1143	P4053	5M, 6M, 6M2.	2.46
K1144	P4053	67M, 67M1, 67M2, 67M3.	2.46

Philco			
Stock No.	Type No.	Model Numbers	Your Cost
K1138	P4036	805, 806, 809	\$1.94
K1139	P4037	816	1.76
K1140	P4038	817, 818, 819, 819II	1.94

Zenith			
Stock No.	Type No.	Model Numbers	Your Cost
K1144	P3108-2	7 Jr.	\$1.94
K1145	P4031	5M80, 663, 664.	1.40
K1146	P4032	6M82	1.38
K1147	P4033	7M91D, 7M91S	1.94
K1148	P4034	666, 668.	1.38

Exciter Lamp Transformer

Supplies exciter lamp current for 8-volt lamps at 4 amps., or 10 volt lamps at 7.5 amps. Tapped secondary permits changerover. Built with ample overload and safety margin. Specify horizontal or vertical mounting brackets. Size: 3 1/2x3 1/4x3 1/4". Shpg. wt. 5 lbs.
Your Cost... \$2.45

K2019—Your Cost...

Tube Tester Filament Transformer

Supplies voltages for all types of tubes, including battery and auto types. Color coded leads. Primary taps: 105, 115, 125, volts; 50/60 cycles a.c. Secondary taps: 1 1/2, 2, 2 1/2, 3.3, 5, 6.3, 7 1/2, 15, 25, 30 volts.
Your Cost... \$1.29

K1967—Your Cost...

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: 3x2 1/2x2 inches. Slotted mounting holes to fit any space easily.
K2291—Delivers 250 volts at 50 ma. with 80 rectifier. **Your Cost Each... \$1.45**
K5506—Delivers 100 volts at 110 ma. with 80 rectifier. **Your Cost Each... \$1.95**
K5507—Delivers 160 volts at 160 ma. with 83 rectifier. **Your Cost Each... \$2.25**

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: 3 1/2x4x5 1/4". Shpg. wt. 9 lbs.
K1968—Your Cost... **\$2.80**
K1969—Same as above but for units drawing up to 80 watts. Wt. 6 lbs. **Your Cost... \$2.05**
Heavy duty step-down transformer, similar to above. 250 watts. 220-240 volts to 110-120 volts a.c. Wt. 10 lbs. **Your Cost... \$3.75**
K1422—Your Cost...

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UTC AUDIO TRANSFORMERS UTC

Public Address VARIMATCH Audios



A line of high quality p.a. audio components incorporating the most advanced design features. All housed in metal cases with lug terminations. Dimensions are (L x W x H):
H—2½x3x3"; **J**—3¼x4½x3"; **K**—3¾x4¾x4¼"; **L**—6x4½x4¾"; **M**—7x5¾x5½".

Output Transformers

Designed to match all tubes to **500, 200, 15, 8, 5, 3, 1½** ohms (line and voice coil). All you need know is audio power required.

PVM-1—For all audio tubes up to 12 watts, such as the 19, 31, 33, 41, 42, 43, 45, 47, 48, 49, 53, 59, 79, 89, 2A3, 2A6, 6A6, 6F6, 6V6, 25A6, 25L6 in single or p.p. Shpg. wt. 4 lbs. (H)

K5777—Your Cost Each **\$2.94**

PVM-2—For all audio tubes up to 30 watts, such as single, p.p. or p.p. parallel 19, 31, 33, 41, 42, 43, 45, 46, 47, 48, 49, 50, 52A, 300A, 53, 59, 79, 89, 841, 843, 1602, 2A3, 2A6, 6A6, 6F6, 6L6, 6V6, 25A6, 25L6. Shpg. wt. 6 lbs. (J)

K5778—Your Cost Each **\$4.70**

PVM-3—For all audio tubes up to 60 watts. Typical tubes in p.p. parallel are: 42's, 45's, 46's, 50's, 52's, 300A's, 59's, 2A3's, 2A6's, 6F6's; in p.p. self or fixed bias: 6L6's, 10's, 807's, 801's. Shpg. wt. 10 lbs. (K)

K5779—Your Cost Each **\$7.35**

PVM-4—For all audio tubes up to 125 watts. Typical tubes in p.p. parallel are: 6L6's, 10's, 807's, 801's; p.p. 846's, 800's, etc. Shpg. wt. 15 lbs. (L)

K5780—Your Cost Each **\$11.76**

PVM-5—For all audio tubes up to 300 watts. Typical tubes: 211, 242A, 203A, 830B, 862, 888, 4-800's, 4-845's, ZB120, etc. Shpg. wt. 23 lbs. (M mtg.)

K5781—Your Cost Each **\$19.11**

Line Matching Units

Line Varimatch units will match any voice coil or group of voice coils to a 500 ohm line. Impedance range is from .2 to 75 ohms in 50 combinations. Line Varimatch Autoformers will match one to ten 500 ohm lines to the 500 ohm output of an audio amplifier. All Autoformers tapped at **500, 250, 167, 125, 100, 83, 71, 62 and 50 ohms.**

LVM-1—15-watt Line Varimatch Unit. Shpg. wt. 2 lbs. (H)

K5782—Your Cost Each **\$2.65**

LVM-2—40-watt Line Varimatch Unit. Shpg. wt. 5 lbs. (J)

K5783—Your Cost Each **\$4.12**

LVM-3—75-watt Line Varimatch Unit. Shpg. wt. 10 lbs. (K)

K5784—Your Cost Each **\$5.88**

LVM-10—Line Varimatch Autoformer. 12-watts. Wt. 3 lbs. (H)

K5785—Your Cost Each **\$2.65**

LVM-11—Line Varimatch Autoformer. 30-watts. Wt. 5 lbs. (J)

K5786—Your Cost Each **\$4.12**

LVM-12—Line Varimatch Autoformer. 60-watts. Wt. 10 lbs. (K)

K5787—Your Cost Each **\$5.88**

LVM-13—Line Varimatch Autoformer. 125-watts. Wt. 15 lbs. (L)

K5788—Your Cost Each **\$10.58**

LVM-14—Line Varimatch Autoformer. 300-watts. Wt. 24 lbs. (M)

K5789—Your Cost Each **\$14.70**

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Every serviceman, sound engineer, broadcast studio technician and laboratory man will want a copy of this new 50-page book. Replete with information covering all phases of transformer design and application; circuits for amplifiers, pre-amplifiers, etc., etc. Write for your FREE copy NOW.

"Linear Standard" Audios



A line of compact, high-fidelity audio components featuring input coils having **lowest hum pick-up of any available**, wide frequency range (with-in plus or minus 1 db from 30 to 20,000 c.p.s.), thorough shielding and dependability. Used extensively by broadcast stations.

Overall dimensions as follows: **A**—2½x3½x3¾"; **B**—3½x4¾x4¾"; **C**—5x5¾x5¾"; **D**—6¾x6¾x5¾".

Line Matching Units

LS-10—Low impedance mike, pick-up or multiple line to grid. Primary impedances 50, 125, 200, 250, 333, 500 ohms. Two section secondary, impedance 60,000 ohms. Dual alloy shield. Relative hum pick-up reduction minus 74 db. Shpg. wt. 4 lbs. (A)

K5401—Your Cost Each **\$8.82**

LS-10X—Same as LS-10, but quadruple alloy shield to provide relative hum pick-up reduction of minus 92 db. Wt. 4 lbs. (A)

K5739—Your Cost Each **\$11.76**

LS-12—Primary same as LS-10. Secondary 120,000 ohms, in two sections (for push-pull grids). Dual alloy shield. Relative hum pick-up reduction of minus 74 db. Shpg. wt. 4 lbs. (A)

K5402—Your Cost Each **\$11.76**

LS-12X—Same as LS-12, but has quadruple alloy shield to provide relative hum pick-up reduction of minus 92 db. Shpg. wt. 4 lbs. (A)

K5740—Your Cost Each **\$14.70**

LS-50—From single plate to multiple line. Primary 8000 to 15000 ohms for 6C5, 27, 56, 6C6 triode connected plate. Secondary 50, 125, 200, 250, 333, 500 ohm line. Dual alloy shield. Relative hum pick-up reduction minus 74 db. Wt. 4 lbs. (A)

K5427—Your Cost Each **\$8.82**

LS-51—Same as LS-50, but primary for p.p. plates. (A)

K5428—Your Cost Each **\$8.82**

Coupling Transformers

Types LS-20 and LS-21 have dual alloy shields affording relative hum pick-up reduction of minus 74 db. Type LS-22 has alloy casting, relative hum pick-up reduction of minus 50 db. **LS-20**—Single plate to single grid. Ratio 2:1. Wt. 4 lbs. (A)

K5422—Your Cost Each **\$5.88**

LS-21—Input one plate to two grids; 1½ to 1 ratio each side of center. Primary and secondary in 2 sections. Wt. 4 lbs. (A)

K5423—Your Cost Each **\$7.64**

LS-22—Input two plates to two grids; 1.6 to 1 ratio each side of center. Two section primary and secondary. Shpg. wt. 8 lbs. (B) mtg.

K5424—Your Cost Each **\$12.94**

Output Transformers

LS-54—Primary impedance 8000 ohms plate to plate for p.p. 50's, 45's, 6F6 triodes. Secondary 30, 20, 15, 10, 7.5, 5, 2.5, 1.2 ohms. Shpg. wt. 8 lbs. (B)

K5411—Your Cost Each **\$8.23**

LS-57—Primary 5000 and 3000 ohms plate to plate. Will match self or fixed bias p.p. 2A3's. Secondary same as above. Shpg. wt. 8 lbs. (B) mtg.

K5414—Your Cost Each **\$8.23**

LS-63—Primary 10,000 and 6,000 ohms plate to plate. Matches p.p. 46's, 59's, 2B6's, 71A's, 6F6's, 6B5's. Same secondary as LS-54. Shpg. wt. 8 lbs. (B)

K5420—Your Cost Each **\$8.23**

LS-6L3—Primary 6000 ohms plate to plate for self bias 6L6's. Same secondary as LS-54. Shpg. wt. 16 lbs. (C)

K5598—Your Cost Each **\$11.76**

LS-6L7—3800 and 3300 ohms plate to plate for p.p. 6L6's fixed bias or p.p. parallel 6L6's self biased. Will handle 80 watts. Same secondary as LS-54. Shpg. wt. 25 lbs. (D) mtg.

K5399—Your Cost Each **\$14.70**

LS-61—Primary same as LS-63. Secondary impedances 125, 50, 30, 20, 10, 7.5, 5, 2.5 and 1.2 ohms. Shpg. wt. 8 lbs. (B)

K5418—Your Cost Each **\$11.76**

Public Address Audios



These units incorporate many features never before obtainable in a popular priced line. Have universal mounting facilities; threaded inserts top and bottom. All low-level units have hum-bucking type construction, and are finished in black eggshell enamel. Overall dimensions are (L x W x H):

E—2½x3x3"; **F**—3¼x4½x3½"; **G**—3¾x4¾x4¾".

Line Matching and Coupling Units

PA-134—50, 200 and 500 ohm line, single or double button mike to single grid. Shpg. wt. 2 lbs. (E)

K5379—Your Cost Each **\$3.82**

PA-135—Same as above, but for p.p. grids. Shpg. wt. 2 lbs. (E)

K5380—Your Cost Each **\$4.41**

PA-131—Single plate to single grid. Ratio 8:1. Wt. 3 lbs. (E)

K5381—Your Cost Each **\$2.65**

PA-132—Single plate to two grids, split secondary. Ratio 2:1 each side. Shpg. wt. 3 lbs. (E)

K5382—Your Cost Each **\$2.94**

PA-133—From two plates to two grids. 1.75 to 1 ratio each side. Both primary and secondary split. Wt. 8 lbs. (E)

K5383—Your Cost Each **\$3.53**

PA-233—From two 56's, 6C5's, 6C6's triodes to 2A3, 45, 6L6, 6F6 triodes in A prime. Shpg. wt. 3 lbs. (E)

K5384—Your Cost Each **\$3.53**

PA-187—Mixing transformer, 50, 200 or 500 ohm line, or single or double button mike to 50, 200, 500 ohm line. Shpg. wt. 3 lbs. (E) mtg.

K5385—Your Cost Each **\$3.23**

Output Transformers

Secondary impedances 500, 200, 16, 8, 5, 3, 1.5 ohms in all units listed below.

PA-15—8000 ohms plate to plate for p.p. 50's, 45's, etc. Wt. 5 lbs. (F)

K5386—Your Cost Each **\$4.12**

PA-16—Primary 5000 and 3000 ohms plate to plate for p.p. 2A3's self or fixed bias. Shpg. wt. 5 lbs. (F)

K5387—Your Cost Each **\$4.12**

PA-19—Primary 10,000 and 6000 ohms plate to plate for p.p. 59's, 46's, 71A's, 6B5's 49's, 53's, 79's, etc. Wt. 5 lbs. (F)

K5388—Your Cost Each **\$4.12**

PA-710—20,000 and 14,000 ohms plate to plate for p.p. 10's, 47's, 2A5's, 42 pentodes, etc. Shpg. wt. 5 lbs. (F)

K5389—Your Cost Each **\$4.12**

PA-2L6—6600 ohms plate to plate for p.p. 6L6's self biased. Will handle 40 watts. Shpg. wt. 10 lbs. (G)

K5392—Your Cost Each **\$5.88**

PA-4L6—3800 and 3300 ohms plate to plate, for two 6L6's fixed bias or four 6L6's self-biased. Will handle 80 watts. Shpg. wt. 15 lbs. (G)

K5393—Your Cost Each **\$8.82**

Ultra-Compact Audios



Compact, high quality units having frequency range within plus or minus 2 db from 30 to 20,000 c.p.s. Only 1½x1½x1½" overall. Lug terminals. Threaded inserts for top or bottom mounting. Shpg. wt. 3 lbs.

A-10—Primary 50, 125, 200, 250, 333, 500 ohms for pick-ups and mikes to single grid. Secondary 50,000 ohms.

K5394—Your Cost Each **\$5.88**

A-12—Same as above, but secondary 80,000 ohms for p.p. grids.

K5738—Your Cost Each **\$5.88**

A16—Single plate to single grid. Ratio 2:1.

K5395—Your Cost Each **\$4.70**

A-18—Single plate to two grids. 1.15 to 1 ratio each side.

K5396—Your Cost Each **\$5.29**

A-24—Single plate like 6C6 triode, 955, 56, 6C5, etc. to 500, 333, 250, 200, 125 or 60 ohm lines.

K5397—Your Cost Each **\$5.88**

THORDARSON Replacement AUDIO TRANSFORMERS

Straight Audio Transformers

High quality units, ruggedly constructed. Designed to match a 10,000 ohm plate (like the 56, 76, 37, 27, 30, 55, 85, 57, 77, 6C6, etc.) to a single Class A grid delivering not more than 15 watts. Average shpg. wt. 3 lbs.

Stock No.	Type No.	Mount. Fig.	Turn Ratio	Dimensions H. W. D.	Mount. Holes	Your Cost
K213	R100	2C	1:3	2 1/2 x 2 x 1 1/2"	Univ.	\$1.03
K239	R300	2A	1:3	3 x 2 1/2 x 2 1/2"	2 1/8"	1.76
K265	T2999	2B	1:3.2	2 3/4 x 2 x 2"	2 1/8"	1.03
K266	T5736	2F	1:3.2	2 3/4 x 2 x 2"	2 1/8"	1.18
K267	T5737	2B	1:3	3 x 2 1/2 x 2"	2 1/8"	1.47
K268	T5738	2F	1:3	3 x 2 1/2 x 2"	2 1/8"	1.62
K210	T8604*	2B	1:3.2	2 x 2 3/4 x 2"	2 1/8"	1.03
K211	T7574	2F	1:2	2 3/4 x 2 x 2"	2 1/8"	1.47

* Has status shield between primary and secondary.



2A



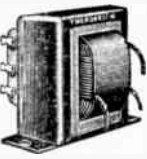
2B



2C



2D



2E



2F



2G

Output Coupling Transformers

Overall Dimensions (Length, Width, Height)

No.	Type	Size	No.	Type	Size
K275	R107	2 1/2 x 2 1/2 x 1 1/2"	K323	T6594	2 1/2 x 2 1/2 x 3"
K276	T3390	2 1/2 x 2 x 2"	K329	T6748	3 x 2 1/2 x 2 1/2"
K278	T5701	2 1/2 x 2 x 2"	K330	T7575	3 x 2 1/2 x 2 1/2"
K326	T6754	3 1/2 x 2 1/2 x 3"	K331	T6792	3 1/2 x 2 1/2 x 2 1/2"
K273	T5872	3 1/2 x 2 1/2 x 3"	K400	T8384	3 1/2 x 2 1/2 x 2 1/2"
K327	T6751	3 x 2 1/2 x 2 1/2"	K401	T8387	3 1/2 x 3 1/2 x 3 1/2"

Average shpg. wt. 3 lbs.

Stock No.	Type No.	Mtg. Fig.	Primary Matches	Sec. Imp. Ohms	Your Cost
K275	R107	2C	Universal	.1 to 29	\$1.32
K276	T3390	2B	P.P. 45, 71A, etc.	6-12	.94
K278	T5701	2F	Universal	.1 to 29	1.18
K326	T6754	2F	19 or P.P. 49's in Class B	4, 8, 15, 500	2.35
K273	T5872	2R*	P.P. 2A3's, 48's Tetrodes	4, 8, 15, 500	2.35
K327	T6751	2F	P.P. 2A5, 47, 41, etc., in Class A; 79 in Class B	4, 8, 15, 500	2.06
K328	T6594	2F	P.P. 50 in Class A; 2A5, 42 Class AB; parallel 79 Class A	4, 8, 15, 500	2.35
K329	T6748	2F	P.P. 45, 71A Class A; 43 pentode or 53 Class B	4, 8, 15, 500	2.06
K330	T7575	2F	P.P. 2B6 or 6B5	4, 8, 15, 500	2.35
K331	T6792	2F	P.P. parallel 2A3	4, 8, 15, 500	2.35
K400	T8384	2G	P.P. 50 Class AB	4, 8, 15, 500	3.53
K401	T8387	2G	P.P. parallel 50 Class AB	4, 8, 15, 500	4.70
K507	T8458	2C	P.P. Class AB 6L6's	4, 8, 15, 500	4.12

* Type 2R (not shown) fully shielded, mounting flanges, lug.

Push-Pull Input Transformers

Similar to the straight audios, but single plate (10,000 ohms) to push-pull grids. Average shpg. wt. 3 lbs.

Stock No.	Type No.	Mount. Fig.	Turn Ratio	Dimensions H. W. D.	Mount. Holes	Your Cost
K216	R101	2C	1:3.2	2 1/2 x 2 1/2 x 1 1/2"	Univ.	\$1.32
K281	T3391	2B	1:3.2	2 3/4 x 2 x 2"	2 1/8"	1.18
K282	T5739	2F	1:3.2	2 3/4 x 2 x 2 1/2"	2 1/8"	1.32
K283	T5740	2B	1:3	3 x 2 1/2 x 2"	2 1/8"	1.62
K284	T5741	2F	1:3	3 x 2 1/2 x 2 1/2"	2 1/8"	1.76
K285	T5742*	2B	1:3	3 x 2 1/2 x 2"	2 1/8"	1.91
K243	T4304	2A	1:3	3 x 2 1/2 x 2 1/2"	2 1/8"	1.91
K237	T8603	2B	1:3.2	2 x 2 3/4 x 2"	2 1/8"	1.18

* High Peak for Power Detection.

P. P. Interstage Transformers

Similar to the above, but p.p. plates to p.p. grids.

Stock No.	Type No.	Mount. Fig.	Turn Ratio	Dimensions H. W. D.	Mount. Holes	Your Cost
K2259	T5397	2F	1:1.3	3 x 2 1/2 x 2 1/2"	2 1/8"	\$2.20
K324	T6791*	2B	1:1.5	3 x 2 1/2 x 2"	2 1/8"	1.76
K272	T5870	2F	1:1.5	3 x 2 1/2 x 2 1/2"	2 1/8"	1.91

* May carry grid current in Class AB; not for Class B.

Audio Filter Chokes

All inductance ratings shown are with full rated current flowing through the winding. Average shpg. wt. 3 lbs.

Stock No.	Type No.	Mount. Fig.	Induct. Henrys	Rated Ma.	Res. Ohms	Your Cost
K241	R105	2C	10	75	266	\$1.03
K332	T7430	2B	42	15	2100	.88
K333	T1892	2B	22	35	405	1.03
K334	T6807	2B	15	85	375	1.18
K287	T5751	2B	5	80	138	.88
K288	T5752	2F	5	80	138	1.03
K289	T5753	2B	9.5	110	200	1.18
K290	T5754	2F	9.5	110	200	1.33
K335	T7549	2B	7.2	120	290	.88
K336	T7429	2G	9.85	150	200	2.20
K310	T6749	2F	5	200	80	1.62
K259	T2353A	2D	5	200	80	1.76
K5497	T2927*	2F	.5	6150	.88	
K269	T1700B	2F	8.75	130	231	1.62
K242	R196	2A	15	85	375	1.47
K252	T4707	2B	12	75	290	1.03
K254	T4402	2B	12	80	405	.88

* Screen Grid Coupler.

Transceiver Audios

Stock No.	Type No.	Mtg. Fig.	Description	Dimen. Inches	Your Cost
K363	T7258	2B	Output, single pent. (47, 42, etc.), to low or high imp. phones	2 x 1 1/2 x 1 1/2"	\$0.97
K377	T7259	2B	Single button (200 ohms) mike and audio	2 x 1 1/2 x 1 1/2"	.97

TRU-FIDELITY Audio Components

A new line of laboratory precision audio transformers featuring wide ranging frequency response averaging $\pm 1/2$ 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.



CRYSTAL MIKE OR PHOTO CELL TO LINE

T-9006—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. **\$9.11**

K571—Your Cost
PUSH-PULL POWER TUBES TO VOICE COIL
 T-9008—Primary: 5000/3000/1250/750 ohms (for p.p. 2A3, etc.). Max. operating level 32 db. Max. d.c. 60 ma. per side. Secondary: 1.25/13.75/5/7.5/10/15 ohms. **\$8.52**

K573—Your Cost
AUDIO REACTOR
 T-9009—For parallel feed audio circuits, etc. 300 henrys at 8 ma. d.c. or 75 henrys at 75 ma. d.c. **\$5.88**

K574—Your Cost
LINE TO VOICE COIL
 T-9012—Primary: 500*/333/250/200*/125/50 ohms. Max. operating level 30 db. Secondary 2.5/3.75/5/7.5/10/15 ohms. **\$8.52**

K577—Your Cost
 * Indicates inductive and capacitive balance to center tap for use on balanced transmission lines.

LINE, MIXER OR MIKE TO SINGLE GRID
 T-9000—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. **\$8.52**

K568—Your Cost
SINGLE TUBE TO LINE OR MIXER
 T-9002—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. **\$8.52**

K567—Your Cost
SINGLE PLATE TO PUSH-PULL GRIDS
 T-9004—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. **\$6.76**

K569—Your Cost
PUSH-PULL PLATES TO PUSH-PULL GRIDS
 T-9005—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. **\$7.35**

K570—Your Cost

STANDARD REPLACEMENT

AUDIO TRANSFORMERS

JEFFERSON AUDIO COMPONENTS



Audios

Type 467-403—Straight audio, ratio 1:3. Size: 2x 3 1/2 x 1 1/2".

Shpg. wt. 2 lbs.

K5443—

Your Cost Each **94¢**

Type 467-404—P.P. Input, ratio 8:1. 2x3 1/2 x 1 1/2".

K5444—Your Cost. **\$1.03**

Type 467-410—P.P. Output. Primary 7000 ohms c.t. Sec. for 6-8 ohm voice coil. 3 1/2 watts. 2x2 1/2 x 1 1/2". Shpg. wt. 2 lbs.

K5445—Your Cost. **82¢**

Type 467-412—P.P. Output. Primary 6000 ohms c.t. Sec. for 10-15 ohm voice coil. 10 watts. 2 1/2 x 4x2 1/2". Shpg. wt. 3 lbs.

K5446—Your Cost. **\$1.12**

K5449—Tube to 200 or 500 ohms. 2 1/2 x 2 1/2 x 2 1/2". Shpg. wt. 3 lbs.

K5450—200 or 500 ohms to tube. 2 1/2 x 2 1/2 x 2 1/2". Shpg. wt. 3 lbs.

Your Cost. **\$1.47**

Either Type. **\$1.47**

Universal Outputs

Primary and secondary tapped to match all types of output tubes to any voice coil. 1 1/2 x 2 1/2 x 2". Instructions furnished. Shpg. wt. 2 lbs.



K5432—Each. **\$1.18**

Same as above, but with oversized core. 2x2 1/2 x 2".

K5433—Your Cost. **\$1.32**

Universal Inputs

For use as straight audio, p.p. input or double p.p. input. 1 1/2 x 2 1/2 x 2". Shpg. wt. 2 lbs.

K5434—Your Cost. **\$1.18**

Same as above, but with oversized core. 2x2 1/2 x 2".

K5435—Your Cost. **\$1.32**

Single-button mike to grid. 30 to 7000 c.p.s. 2x3 1/4 x 1 1/2".

K5447—Your Cost. **94¢**

JEFFERSON Plastic Sealed Audios

A new line of compact audio components especially developed for the export trade, but entirely suited for home service work and set builders. All units are completely encased in a high melting point, black, moisture proof plastic compound. This material adheres perfectly. Moisture cannot penetrate, and windings are fully protected at all times. All units feature machine wound coils, high grade cores, etc.



AUDIO AND P.P. INPUT TRANSFORMERS

Stock No.	Part No.	Type and Turn Ratio	Size In.	Shpg. Wt. Lbs.	Your Cost
K5439	467-501	Audio. 2:1	2 1/2 x 1 1/2 x 1 1/2	2	\$0.31
K5440	467-502	P.P. Input 2:1	2 1/2 x 1 1/2 x 1 1/2	2	1.00
K5441	467-503	Audio. 8:1	3 1/2 x 1 1/2 x 2 1/2	3	1.06
K5442	467-504	P.P. Input 3:1	3 1/2 x 1 1/2 x 2 1/2	3	1.15

OUTPUT TRANSFORMERS

For single or p.p. output tubes such as the 71A, 45, 33, 42, 47, etc.

Stock No.	Part No.	Impedance	Watts	Size In.	Shpg. Wt. Lbs.	Your Cost
K5481	467-509	Sec. Primary	4/6 7000 ohms	2 2 1/2 x 1 1/2 x 1 1/2	2	\$0.79
K5482	467-510	Sec. Primary	6/8 7000 ohms	3 1/2 x 1 1/2 x 2 1/2	3	.94

FILTER AND PLATE CHOKES

Stock No.	Part No.	Induct. Henrys	Ma. D.C.	Res. Ohms	Size In.	Shpg. Wt. Lbs.	Your Cost
K5483	466-590	20	50	425	3 1/2 x 1 1/2 x 2 1/2	2	\$0.88
K5484	466-540	250	10	5000	2 1/2 x 2 1/2	2 1/2	.76



MIDGET CHOKES AND TRANSFORMERS



These midget audio transformers and chokes are designed to give unflinching service and efficiency. Unshielded strap mounting type with rust-proof frame, they are ideal for replacement use in a.c.-d.c. mid-gates and auto radios.



MIDGET AUDIO TRANSFORMERS

Stock No.	Application	Ratio	Dimensions L W D	Wt. Lbs.	Your Cost
K599	Single pl. to single gr.	3:1	1 1/2" 2" 1 1/2"	1 1/2	\$0.79
K600	Single pl. to P.P. grids	3:1	1 1/2" 2" 1 1/2"	1 1/2	.88
K601	P.P. plates to P.P. grids	1:1	2" 2 1/2" 1 1/2"	2	1.03
K602	Output—Sing. pent. to 1, 2, 4 ohms	1 1/2" 1 1/2" 1 1/2"	1 1/2	.67	
K603	Universal Output	1 1/2" 2" 1 1/2"	1 1/2	.88	

MIDGET CHOKES

Stock No.	Inductance Henrys	M. A.	D. C. Res.	Dimensions L W D	Wt. Lbs.	Your Cost
K604	7	40	530	1 1/2" 1 1/2" 1 1/2"	1 1/2	\$0.53
K605	10	40	475	1 1/2" 2" 1 1/2"	1 1/2	.62
K606	10	65	460	2" 2 1/2" 1 1/2"	2	.70
K607	9	85	250	2" 2 1/2" 2"	2	.94
K608	8	150	200	2" 2 1/2" 2"	2 1/2	1.18

CROMSHIELD AUDIO COMPONENTS

A high quality line of audio components featuring: chrome plated welded cases; units clamped internally; scientifically correct design; humidity proof. Only the more popular units listed below; others available on order. Write for FREE literature.



Dimensions of Cromshield Audios
C-2: 3 1/2" long, 1 1/2" wide, 2 1/4" high; centers 2 1/4".
C-3: 3 1/2" long, 2" wide, 2 1/2" high; centers 3 1/4".
C-4: 4 1/2" long, 2 1/2" wide, 2 3/4" high; centers 3 3/4".

Class "A" Inputs

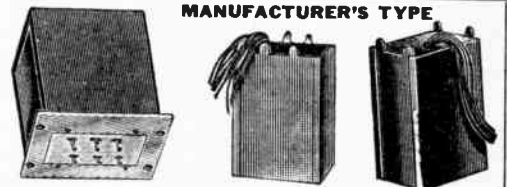
K5365—1 plate to 1 grid. 3:1 ratio. C-2 mounting. **Your Cost. \$1.37**
 K5369—Single or double button mike to 2 grids. C-2 mounting. **Your Cost. \$1.76**
 K5370—Single plate and carbon mike to 1 or 2 grids. C-2 mounting. **Your Cost. \$2.05**
 K5371—Single power det. plate to single grid. 3:1. C-4. **Your Cost. \$2.05**
 K5372—Single power det. plate to p.p. grids. 1 1/2:1. C-4. **Your Cost. \$2.20**
 K5368—Single or double button mike to grid. C-2 mtg. **Your Cost. \$1.47**

Cromshield Varimatch Line and Voice Coil Outputs
 Will handle up to 20 watts audio; designed for class A, AB and B tubes like 45, 50, 2A3, 42, 59, 46, 47, 2A5, 6F6, 6V6, 6A6, 53, 79, K5775—Line to voice coil. 500, **Your Cost. \$1.91**
 K5776—Line to voice coil. 15, 8, 4, 2 ohms. C-4. **Your Cost. \$2.20**

EXACT DUPLICATE AUDIOS and CHOKES for STANDARD RECEIVERS

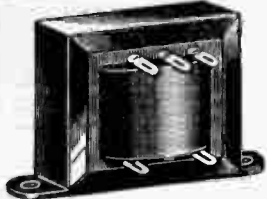
Manufacturer	Model and Type	Stock No.	Your Cost
Atwater-Kent	55, 55C, 60, 60C—P.P. Input and Output Pack	K2492	\$1.89
Atwater-Kent	67—Audio and P.P. Input	K2243	1.98
Clarion—See page 144.			
Crosley	60S, 61S, 62S, 63S—P.P. Input 32, 40, 41A, 41, 42, 704, 706—1st Audio and P.P. Input	K1892	1.89
Fada	42, 44, 46 (KA)—P.P. Input	K1842	1.35
Fada	42, 44, 46 P.P. Output	K1843	1.10
General Motors	120, 130, 140, 150, 160—P.P. Input.	K2298	1.45
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	1.25
Philco	20, 220—P.P. Output	K1746	1.20
Philco	20, 220—Filter Choke	K1750	1.39
Philco	70, 270—Output	K1749	1.27
Philco	76, 77—P.P. Input	K1740	.68
Philco	76, 77—P.P. Output	K1746	1.20
Philco	76, 77—Filter Choke	K1752	1.15
Philco	90, 90A (2-45's)—P.P. Input	K1742	1.15
Philco	90, 90A (2-45's)—P.P. Output	K1746	1.20
Philco	90, 90A (1-47)—Output	K1749	1.27
Philco	90, 90A (1-47)—Filter Choke	K1753	.98
Philco	95, 96, 296—P.P. Input	K1932	1.15
Philco	95, 96, 296—P.P. Output	K1746	1.20
Philco	111, 112 (2-45's)—P.P. Input	K1932	1.15
Philco	111, 112 (2-45's)—P.P. Output	K1746	1.20
Philco	111, 112 (2-45's)—Filter Choke	K1752	1.15

MANUFACTURER'S TYPE



Manufacturer	Model and Type	No.	Each
Philco	500 Series—Filter Choke	K1754	\$2.45
RCA-Victor	R32, RE45, R52, RE-75—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	K1999	1.45
RCA-Victor	R7, R9—P.P. Input and Output	K1994	2.35
RCA-Victor	R7A—P.P. Input and Output	K2098	1.95
Sparton	931, 301—Straight Audio	K2456	1.18
Sparton	101, 110, 111—P.P. Input	K2466	2.45
Sparton	801—P.P. Input	K2467	1.35
Sparton	589, 930, 931—P.P. Input	K281	1.18
Sparton	301—P.P. Output	K2487	1.94
Sparton	930, 931—P.P. Output	K276	.94
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
Zenith	50, 60, 70 Series—P.P. Interstage.	K2259	2.20

Trutest ALL PURPOSE Audio Components



Trutest Standard Replacement Audio Transformers and Chokes

This line of Trutest audio components is exceptionally complete. They are not to be confused with inferior types which are built to a price rather than a quality standard. All Trutest audio transformers are constructed using 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 $3\frac{1}{2} \times 2\frac{1}{4} \times 1\frac{3}{4}$ " ; mounting centers $2\frac{7}{8}$ ". Average shpg. wt. 3 lbs.

Trutest 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 $1\frac{1}{2} \times 1\frac{1}{2}$ ". Mtg. centers $2\frac{3}{8}$ " apart. Aver. shpg. wt. 1 lb.

Output Transformers

- K1553**—Output, Single '45 or 6F6 metal Triode type tube to 5-15 ohm voice coil. **65¢**
- Your Cost**
- K1554**—Output Push-pull '45s or 6F6 metal Triode type tubes to 5-15 ohm voice coil. **69¢**
- Your Cost**
- K1555**—Output, Single Pentode '47 or 6F6 metal Pentode to a 5-15 ohm voice coil. **65¢**
- Your Cost**
- K1556**—Output, P.P. Pentodes, 47's, 6F6 metal Pentodes to a 5-15 ohm voice coil. **69¢**
- 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. ($2\frac{1}{2} \times 3 \times 2\frac{1}{2}$ "). **\$1.89**
- Your Cost**

Microphone and Line

- K5448**—Single or double button mike to grid, 200 ohms each side of centertap. **82¢**
- Your Cost**
- K1574**—Single plate like 56, 27, 6C5, etc., to 500, 200 or 50 ohm line. **82¢**
- K1575**—Same as above, but p.p. plates.
- K1576**—50, 200 or 500 ohm line to grid. **90¢**
- 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 $1\frac{1}{4}$ " core of special high permeability iron. Frequency characteristics exceptionally fine. **K1565**—500 to 250 ohm line to $\frac{1}{2}$ - $\frac{3}{4}$ -1.5-2-2.5-4-6-8-10-15 ohm voice coil. **\$2.45**

Filter Chokes					
Current rating given is maximum d.c.					
Stock No.	Induct. Henrys	Curr. MA.	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	\$1.29
	(2.5 c.t.)	5.25	
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. **69¢**
- Your Cost**
- K1551**—Push-pull Input, from single plate to 2 grids. Ratio 2.5:1. **75¢**
- Your Cost**
- K1552**—Push-pull Inter-stage, between 2 plates and 2 grids. Ratio 1.75:1. **75¢**
- 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 $\frac{1}{2}$:1.
- K1620**—Push-pull Input, ratio 1 $\frac{1}{2}$:1.
- K1607**—Single Output: 45, 48, 71A, 49, 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: 45, 48, 71A, 49, 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. **49¢**
- Your Cost, Any Type**

Transceiver Audios

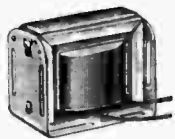
- K1627**—Single plate and carbon mike (200 ohms) to a single grid. **95¢**
- Your Cost**
- K1628**—Driver transformer, single 30 to Class B 49, 19, 79, 6A6 grids. **95¢**
- Your Cost**
- K1629**—Class B output, 49, 79, 19, 6A6 to secondary load 5000 or 3600 ohms. **95¢**
- Your Cost**

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. **29¢**
- Your Cost, Any Above Type**
- K1604**—20 henrys, d.c. resistance 500 ohms. Maximum d.c. 35 milliamperes. **35¢**
- Your Cost**

Universal Output Xformer

Matches single or p.p. Triodes or Pentodes, Class A or B, to any voice coil from .1 to 30 ohms. Diagrams furnished. Size: $1\frac{1}{4} \times 1\frac{1}{4} \times 3\frac{1}{4}$ " ; mounting centers $\frac{3}{4}$ " to 2". Shpg. wt. 3 lbs. **K1708**



75¢

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** **75¢**

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. $3\frac{1}{2} \times 2\frac{1}{4} \times 3\frac{1}{4}$ ". **K1929** Each **95¢**

P. P. Inputs
Fully shielded, lug terminals on bottom. High grade core material. Turns ratio 3:1. Size: $2 \times 2\frac{1}{2} \times 2\frac{1}{4}$ ". Shpg. wt. 2 lbs. **K1912** **Your Cost 73¢**
Similar to the above, but terminals on sides. $2\frac{1}{2} \times 2\frac{1}{4} \times 2\frac{1}{4}$ ". **K5485**—Your Cost **85¢**

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— $2\frac{1}{2}$ " L, 3" W, 3" H; centers $1\frac{1}{2} \times 2\frac{7}{16}$ ".
Type B— $3\frac{1}{16}$ " L, $4\frac{1}{4}$ " W, 3" H; centers $2\frac{1}{16} \times 3\frac{3}{4}$ ".
Type C— $3\frac{1}{2}$ " L, $4\frac{1}{8}$ " W, $4\frac{1}{4}$ " H; centers $3\frac{1}{16} \times 4\frac{1}{16}$ ".



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 mtg. **\$3.50**
K2592—Your Cost
Primary 6000 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.). $3 \times 3\frac{1}{4}$ ". Shpg. wt. 3 lbs. **K5638**—**95¢**
Your Cost Each

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 mount g. **\$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., 50 ma. max. d.c. resistance 450 ohms. $2\frac{1}{2} \times 1\frac{1}{4} \times 2\frac{1}{8}$ ". Shpg. wt. 3 lbs. **44¢**
K246—**Your Cost Each**

Lafayette Transceiver Xformers

Housed in welded metal cases with leads taken from side to permit flat mounting. Each unit is offered in two sizes; the large size offers extended frequency range and heavier windings. Large units are $2\frac{1}{4} \times 2\frac{1}{2} \times 1\frac{1}{2}$ " (LxHxD) centers $2\frac{3}{8}$ ". Small units are $2 \times 1\frac{1}{2} \times 1\frac{1}{2}$ ", centers $2\frac{1}{16}$ ". Large choke is $3\frac{1}{4} \times 2\frac{1}{4} \times 2\frac{1}{8}$ " and is designed to match into an r.f. load.



- K5646**—Large input; 30 plate to 19 grids. **\$1.48**
- Your Cost**
- K5647**—Small input; 30 plate to 19 grids. **\$1.25**
- Your Cost**
- K5648**—Large size; microphone plate to 30 grids. **\$1.48**
- Your Cost**
- K5649**—Small size; microphone plate to 30 grids. **\$1.25**
- Your Cost**
- K5650**—Large size; 19 plates to 3000 ohm load. **\$1.48**
- Your Cost**
- K5651**—Small size; 19 plates to 3000 ohm load. **\$1.25**
- Your Cost**
- K5652**—Large size; interstage 1 plate to 1 grid. **\$1.35**
- Your Cost**
- K5653**—Large size; output audio matching choke. **\$1.48**
- Your Cost**
- K5654**—Small size; output audio matching choke. **49¢**
- Your Cost**

MALLORY

UNIVERSAL REPLACEMENT CONDENSERS

MALLORY

69 UNITS SERVICE OVER 4000 DIFFERENT RADIO RECEIVERS

Compact Tubular Dry Electrolytic Audio By-Passes

These units are designed for bypassing the cathode bias resistors in audio frequency and other low voltage circuits.



Type TS—Single Section Units

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K3940	10	25	1 3/4 x 3/8	\$0.29
K3941	20	25	2 1/4 x 3/8	.35
K3987	25	25	2 1/4 x 3/8	.38
K3988	50	25	2 1/4 x 1/2	.56
K3942	5	60	1 1/4 x 3/8	.29
K3943	10	60	2 1/4 x 3/8	.38
K3989	25	60	2 1/4 x 1/2	.47
K3992	50	60	3 1/4 x 1/2	.70

Type TN—Dual Sections, Common Negative

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K3944	5-5	25	1 3/4 x 3/8	44¢
K3945	10-10	25	2 1/4 x 3/8	
K3946	5-5	35	1 3/4 x 3/8	
K3947	5-5	60	2 1/4 x 3/8	

Oil Filled Tubular Units



Paper dielectric, non-inductive, oil impregnated and oil filled, extremely low r.f. impedance and power factor.

Carefully sealed. All 2000 v. working voltage.

Stock No.	Cap. Mfd.	Size Inches	Your Cost	
K4021	.0025	1 3/4 x 5/8	32¢	
K4022	.005	1 3/4 x 5/8		
K4023	.0075	1 3/4 x 5/8		
K4024	.01	1 3/4 x 5/8		
K4025	.0125	2 1/4 x 5/8		
K4026	.015	2 1/4 x 5/8	35¢	
K4027	.02	2 1/4 x 5/8		
K4028	.03	2 1/4 x 5/8		38¢
K4029	.04	2 1/4 x 5/8		41¢
K4030	.05	2 1/4 x 5/8		44¢

Wet Electrolytics



Self-regulating type. Lug terminal can negative. 475 wkg. volts up to 18 mfd.; 35 mfd., 400 v.; 25 and 40 mfd., 450 v. Supplied with palnut. Mount upright.

Stock No.	Cap. Mfd.	Size Ins.	Your Cost
K3950	4	1 x 3 1/2	\$0.47
K3951	8	1 x 4 1/2	.56
K3952	12	1 1/2 x 4 1/2	.67
K3953	16	1 3/4 x 4 1/2	.79
K3954	18	1 3/4 x 4 1/2	.88
K3962	25	1 3/4 x 5	1.00
K3955	35	1 3/4 x 4 1/2	1.03
K3968	40	1 1/2 x 5	1.12

Dry Electrolytic Units



Heavy Duty and High Surge types HD and HS are primarily designed for trouble-free operation in public-address and theatre applications. HD is for use where the working voltage is high but surge voltage is not over 585 volts. HS types stand high voltage and surge.

HD—Single Section Type

Stock No.	Cap. Mfd.	Wkg. Volts	Container	Size Ins.	Your Cost
K4051	4	500	Carton	5/8 x 1 x 2 1/8	\$.70
K4052	4	500	Can	1 x 2 3/4	.85
K4053	8	500	Carton	1 1/4 x 1 1/2 x 2 1/8	.88
K4054	8	500	Can	1 x 3	1.03

HS—Single Section Type

Stock No.	Cap. Mfd.	Wkg. Volts	Container	Size Ins.	Your Cost
K4055	4	600	Carton	3/4 x 1 1/4 x 3	\$1.03
K4056	4	600	Can	1 3/4 x 3 1/2	1.09
K4057	8	600	Carton	1 1/2 x 1 1/2 x 3	1.44
K4058	8	600	Can	1 3/4 x 4 1/4	1.53

Round Can Electrolytic Filters



Compact universal metal can filters that can be used to replace any unit by means of the universal mounting hardware. With 8" leads. Palnut and flat washer included.

Type RS—Single Section Units

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K3916	4	250	2 3/4 x 1	\$0.44
K3917	8	250	2 3/4 x 1	.56
K3918	12	250	2 3/4 x 1	.65
K4031	25	250	1 x 3 1/2	.88
K3919	4	450	2 3/4 x 1	.50
K3920	8	450	2 3/4 x 1	.62
K3921	12	450	3 x 1	.82
K4032	16	450	3 1/2 x 1	.91

Type RN—With Common Negative

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K3922	4-8	250	3 x 1	.76
K3923	8-8	250	3 x 1	.85
K3924	8-8-8	250	3 x 1 1/2	1.23
K3925	4-8	450	3 x 1	.85
K3926	8-8	450	3 x 1 1/2	.94
K3927	8-8-8	450	3 1/2 x 1 3/8	1.35

Type RM—With Separate Sections

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K3928	4-8	250	3 x 1 1/2	.76
K3929	8-8	250	3 x 1 1/2	.85
K3930	8-8-8	250	3 1/2 x 1 1/2	1.23
K3931	8-8-16	250	3 1/2 x 1 1/2	1.38
K3932	8-16-16	250	3 1/2 x 1 1/2	1.53
K3933	4-8	450	3 x 1 1/2	.85
K3934	8-8	450	3 x 1 1/2	.94
K3935	8-8-8	450	4 x 1 1/2	1.35

AC Motor Capacitors

Designed for motors using either centrifugal or magnetic type switches. Supplied in sturdy round cans, with single-hole mounting bracket and metal cap protecting the terminals.

Stock No.	Cap. Mfd.	Wkg. Volt.	Diam. Inches	Your Cost
K4041	60	110	2"	\$2.18
K4042	70	110	2"	2.33
K4043	80	110	2"	2.47
K4044	100	110	2"	2.77
K4045	115	110	2"	3.06
K4046	135	110	2 1/2"	3.53
K4047	150	110	2 1/2"	3.88
K4048	100	150	2 1/2"	4.12
K4049	30	220	2 1/2"	3.30
K4050	40	220	2 1/2"	4.21

Universal Mounting Hardware

Type A—Terminal Connector. Eliminates splicing and affords neat anchor between condenser leads and wiring cable.
K3971—**3¢**
Each.....

Type B—For clamp mounting 1" round cans in a standard 1 1/2" clamp.
K3972—**3¢**
Each.....

Type C—Flat washer for mounting 1" round cans in 1 1/2" mounting hole.
K3973—**2¢**
Each.....

Type C—Large washer for mounting both 1" and 1 1/2" round cans in place of spade bolt mounting.
K3974—**2¢**
Each.....

Universal Mounting Bracket

Model 104-1 is a new mounting bracket that permits the round can stud mounting type of unit such as RS, RN and RM types to easily and efficiently replace the common double spade bolt mounting. 1 bolt support.
K3986—Your Cost Each..... **6¢**

ELECTROLYTIC Cardboard Carton Filters

Developed for use wherever cardboard carton type filter units are required, these units embody many striking improvements. All feature universal mounting flanges.



Type CS—Single Section Units

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K3855	4	250	1 1/2 x 3/4 x 2 1/8	\$0.37
K3856	8	250	1 1/2 x 3/4 x 2 1/8	.47
K3857	10	250	1 1/2 x 3/4 x 2 1/8	.56
K3858	12	250	1 1/2 x 3/4 x 2 1/8	.59
K3860	16	250	1 1/2 x 1 x 2 1/8	.65
K3861	2	450	1 1/2 x 3/4 x 2 1/8	.37
K3862	4	450	1 1/2 x 3/4 x 2 1/8	.44
K3863	6	450	1 1/2 x 3/4 x 2 1/8	.53
K3864	8	450	1 1/2 x 3/4 x 2 1/8	.56
K3865	10	450	1 1/2 x 3/4 x 2 1/8	.67
K3866	12	450	1 1/2 x 1 x 2 1/8	.76

Type CN—With Common Negative

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K3874	4-4	250	5/8 x 1 x 3	.53
K3875	4-8	250	5/8 x 1 x 3	.67
K3876	8-8	250	5/8 x 1 1/4 x 3	.76
K3878	8-8-8	250	5/8 x 1 1/4 x 3	1.15
K3879	4-4	450	5/8 x 1 1/4 x 3	.71
K3880	4-8	450	5/8 x 1 1/4 x 3	.79
K3881	8-8	450	5/8 x 1 1/4 x 3	.88
K3882	8-8-8	450	1 1/2 x 1 1/4 x 3	1.29

Type CM—With Separate Sections

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K3883	4-4	250	5/8 x 1 1/4 x 3	.53
K3884	4-8	250	5/8 x 1 1/4 x 3	.67
K3885	8-8	250	5/8 x 1 1/4 x 3	.76
K3886	8-8-8	250	1 1/2 x 1 x 3	1.15
K3996	16-16	250	1 1/2 x 1 x 3	1.06
K3887	4-4	450	5/8 x 1 1/4 x 3	.71
K3888	4-8	450	5/8 x 1 1/4 x 3	.79
K3889	8-8	450	1 1/2 x 1 x 3	.88
K3890	8-8-8	450	1 1/2 x 1 1/4 x 3	1.29

PAPER By-Pass Condensers

Tubular Type TP

Non-inductive, oil-treated, thoroughly impregnated, and have metal ends.



Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost	
K3891	.05	200	1 1/2 x 3/8	9¢	
K3892	.1	200	1 1/2 x 3/8		
K3893	.25	200	1 1/2 x 3/8		
K3894	.5	200	2 x 1 1/8		
K3895	1.0	200	2 1/2 x 1 1/8	.29	
K3896	.01	400	1 1/2 x 3/8	9¢	
K3897	.02	400	1 1/2 x 3/8		
K3898	.05	400	1 1/2 x 3/8		
K3899	.1	400	1 1/2 x 3/8		
K3900	.25	400	1 1/2 x 3/8		
K3901	.5	400	2 1/2 x 1 1/8	.21	
K3902	.0001	600	1 1/2 x 3/8	9¢	
K3903	.00025	600	1 1/2 x 3/8		
K3904	.0005	600	1 1/2 x 3/8		
K3905	.001	600	1 1/2 x 3/8		
K3906	.002	600	1 1/2 x 3/8		
K3907	.005	600	1 1/2 x 3/8		
K3908	.006	600	1 1/2 x 3/8	9¢	
K3909	.01	600	1 1/2 x 3/8		
K3910	.02	600	1 1/2 x 3/8		
K3911	.05	600	1 1/2 x 3/8		
K3912	.06	600	1 1/2 x 3/8		
K3913	.1	600	2 1/2 x 1 1/8		12¢
K3914	.25	600	2 1/2 x 1 1/8		
K3915	.5	600	2 1/2 x 1 1/8	.29	

NOTE: The new Mallory-Yaxley Encyclopedia—indispensable to every alert serviceman and experimenter is now available in a new limited edition. See Page 94 of this catalog for further details.

THE
450" LINE

SPRAGUE

Famous Condensers

THE
600" LINE

SPRAGUE "450" LINE

"PINHEAD" TINY MIKES

Small enough to fit any space. Both types average 2 1/2" long. Rated at 450 volts working; maximum surge voltage, 525 (up to 580 volts). (*) has four leads. Guaranteed maximum power factor, 10%.

Rectangular Type			
Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K3564	4	3/8 x 1 1/2 x 2 1/2	44c
K3565	8	3/8 x 1 1/2 x 2 1/2	56c
K3586	12	1 1/8 x 1 1/2 x 2 1/2	76c
K3587	16	1 1/8 x 1 1/2 x 2 1/2	85c
K3567*	8-8	1 1/8 x 1 1/2 x 2 1/2	88c

"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 palnut.

Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K2795	4	1 x 2 1/2	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.

UPRIGHT CAN TYPE



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. Especially designed for use in the older type radio receivers.

Stock No.	Cap. Mfd.	Size-Ins. D L	Your Cost
K3533	8-8	2 1/2 x 4 1/2	\$1.06
K2791	5-15	2 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

Type EC Dry Electros



Only
2 1/2"
Long

D.C. working voltage, 475; maximum surge voltage, 600. Leads are imbedded—no corrosion.

Stock No.	Cap. Mfd.	Size-Ins. L W D	Your Cost
K2670	1	2 1/2 x 1 1/2	50c
K2671	2	2 1/2 x 1 1/2	56c
K2672	4	2 1/2 x 1 1/2	67c
K2673	6	2 1/2 x 1 1/2	76c
K2674	8	2 1/2 x 1 1/2	79c

OIL-FILLED BY-PASS FOR S. W. RECEIVERS

High quality non-inductive by-pass units.



Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K2945	.005	1500	\$0.27
K2946	.002	1500	.27
K2947	.01	1500	.41
K2950	.02	1500	.44
K2948	.05	1000	.47
K2949	.1	1000	.53



Tubular Type			
Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K2918	4	1 x 2 1/2	44c
K2920	8	1 1/8 x 2 1/2	56c
K2922	8-8*	1 1/8 x 3 1/2	88c

* Has common negative.

CARDBOARD UNITS



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 1/2 x 1 1/2	44c
K3528	8	4 1/2 x 1 1/2 x 1 1/2	56c
K2792	12	4 1/2 x 1 1/2 x 1 1/2	76c
K2793	16	4 1/2 x 1 1/2 x 1 1/2	85c
K3529	4-4*	4 1/2 x 1 1/2 x 1 1/2	71c
K3530	8-8*	4 1/2 x 1 1/2 x 1 1/2	88c
K2794	8-8†	4 1/2 x 2 x 1 1/2	\$1.29

(*) Has four leads; (†) 6 leads.

INVERTED TYPE

Cased in aluminum containers with mounting brackets. Fit in any mounting hole—may be used to replace cans of much larger size. Continuous working voltage, 450; maximum surge voltage 525. (*) Has 4 color-coded leads.



Stock No.	Cap. Mfd.	Size-Ins. D L	Ins.	Your Cost
K3534	4	1	3	50c
K3535	8	1 1/2	4 1/2	62c
K2789	12	1 1/2	4 1/2	82c
K2790	16	1 1/2	4 1/2	91c
K3536*	4-4	1 1/2	4 1/2	76c
K3537*	8-8	1 1/2	4 1/2	94c

Midget Round and Square Hi-Capacity Electros

Both are 2 1/2" long; average diameter of rounds, 1". Will fit the smallest midget. Will withstand high heat. (*) Have 4 leads. Pig-tail leads of push-back wire.

25 VOLTS WORKING			
Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K2644	K3538	5	29c
K2645	K3539	10	29c
K3232	K3540	25	38c
K2785	K2786	50	56c
K3230	K3541	10-10	44c

50 VOLTS WORKING			
Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K3231	K3542	10	38c
K3233	K3543	25	47c
K2787	K2788	50	70c

200 VOLTS WORKING			
Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K3224	K3547	2	32c
K3225	K3548	4	38c
K3226	K3549	8	47c
K3300	K3503	16	61c
K3301	K3504	25	73c
K3228	K3550*	4-4	53c
K3227	K3551*	8-8	73c
K2678	K3505*	8-12	82c
K2679	K3506*	8-16	85c

SPRAGUE "600" LINE

PAPER TUBULARS at NEW LOW PRICES!

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 1/2	9c
K2628	.00025	1 1/2 x 3 1/2	9c
K2629	.0004	1 1/2 x 3 1/2	9c
K2630	.0005	1 1/2 x 3 1/2	9c
K2631	.001	1 1/2 x 3 1/2	9c
K2632	.002	1 1/2 x 3 1/2	9c
K2633	.003	1 x 3 1/2	9c
K2634	.004	1 x 3 1/2	9c
K2635	.005	1 x 3 1/2	9c
K2636	.006	1 1/2 x 3 1/2	9c
K2637	.01	1 1/2 x 3 1/2	9c
K2638	.02	1 1/2 x 3 1/2	9c
K2639	.05	1 1/2 x 7 1/2	12c
K2640	.06	1 1/2 x 7 1/2	15c
K2641	.1	1 1/2 x 7 1/2	21c
K2642	.25	1 1/2 x 7 1/2	29c
K2643	.5	1 1/2 x 7 1/2	47c
K2681	1.0	2 1/2 x 1 1/2	47c

Metal-Cased Paper By-Pass Condensers

Indrawn metal case. 1200 v. test; 600 v. surge; 400 volts working. Heat and moisture-proof.



Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K2619	0.1	1 1/2 x 3 1/2 x 1 1/2	29c
K2620	0.25	1 1/2 x 3 1/2 x 1 1/2	35c
K2621	0.5	2 x 3 1/2 x 1 1/2	44c
K2622	1.0	2 x 3 1/2 x 1 1/2	59c
K2623	1-1	1 1/2 x 3 1/2 x 1 1/2	38c
K2624	.25-25	2 x 3 1/2 x 1 1/2	47c
K2625	.5-5	2 x 3 1/2 x 1 1/2	59c
K2626	1-1-1	2 x 3 1/2 x 3 1/2	50c

New "Cased" Uncased 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 3 1/2	44c
K2780	2	2 1/2 x 1 1/2 x 3 1/2	67c
600 VOLTS WORKING			
K2781	1	2 1/2 x 1 1/2 x 3 1/2	53c
K2782	2	3 1/2 x 1 1/2 x 3 1/2	79c
1000 VOLTS WORKING			
K2783	1	4 1/2 x 1 1/2 x 3 1/2	88c
K2784	2	4 1/2 x 2 1/2 x 3 1/2	\$1.47

NEW FIXED MICAS

Rated At 600 Volts

Stock No.	Cap. Mfd.	Your Cost
K2769	.0001	9c
K2770	.0002	9c
K2771	.00025	12c
K2772	.0005	12c
K2773	.001	15c
K2774	.002	18c
K2775	.003	24c
K2776	.004	26c
K2777	.005	29c
K2778	.006	35c

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

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

Similar in appearance to above. 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	\$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

Self-Regulating—Type S

Operating voltage, 300 volts; regulation voltage, 360; regulation current, 50 ma. Wet electrolytic type.

Stock No.	Cap. Mfd.	Size-Ins. L. D.	Your Cost
K2722	18	3 1/2 x 1 1/2	88c

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 1/2 x 1 x 1	\$0.56
K2647	4	4 1/2 x 1 1/2 x 3 1/2	.68
K2649	8	4 1/2 x 1 1/2 x 3 1/2	.79
K2651*	4-4	4 1/2 x 1 1/2 x 3 1/2	1.06
K2653	4-8	4 1/2 x 1 1/2 x 3 1/2	1.18
K2655	6-8	4 1/2 x 1 1/2 x 3 1/2	1.29
K2656*	8-8	4 1/2 x 1 1/2 x 3 1/2	1.29

SOLAR CONDENSERS QUALITY ABOVE ALL!

New 1" Diameter Dry Electrolytics

Ultra-compact dry electrolytics designed



for inverted mounting. Only 1" in diameter (dual units $1\frac{1}{2}$ " diameter). Sections are insulated from the can and provided with leads. $\frac{3}{8}$ " screw base. Average height $2\frac{3}{8}$ ".

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K800	4	250	\$0.44
K801	8	250	.56
K802	16	250	.73
K803	25	250	.88
K804	30	250	.97
K805	*8-8	250	.85
K806	*8-8	250	1.23
K807	4	450	.50
K808	8	450	.61
K809	16	450	.91
K810	*8-8	450	.94

* Common negative lead.

Inverted Can Type Dry Electrolytics



Standard size, mounts in $\frac{3}{8}$ " hole; cans insulated from sections. Flexible wire color-coded leads for each section. Dimensions: $1\frac{1}{2}$ " diameter by $4\frac{3}{8}$ " high.

Stock No.	Cap. Mfd.	D.C. Voltage	Peak	Your Cost
K2840	8	500	500	\$0.61
K2841	4 + 4	500	500	.76
K2734	4 + 8	500	500	.85
K2842	8 + 8	500	500	.94

Inverted Can Type Wet Electrolytics



Metal can is negative terminal; $1\frac{1}{2}$ " diameter, $4\frac{3}{8}$ " high. Self-healing 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	600	\$0.88
K2727	8	500	500	.56
K2728	10	500	500	.64
K2729	12	500	500	.68
K2730	20	500	500	.88
K2731	30	500	500	1.18
K2732	16	350	350	.73

"LITTLE GIANT" Dry Electrolytics

- ★ Smaller Than "Midgets"
- ★ Full Rated Capacities
- ★ Low Power Factor
- ★ Minimum Leakage



Ultra-compact units that are highly efficient in operation. Housed in impregnated cardboard containers that are provided with insulated leads. Containers have metal flanges for mounting. Ideal for use in a.c.-d.c. compact receivers and for general repairs.

525 V.P. (450 W.V.)				250 V.P. (200 W.V.)			
Stock No.	Cap. Mfd.	Dimensions Inches	Your Cost	Stock No.	Cap. Mfd.	Dimensions Inches	Your Cost
K3475	2	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	\$0.38	K3481	4	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	\$0.38
K3476	4	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	.44	K3482	8	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	.47
K3477	6	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	.53	K3483	10	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	.53
K3478	8	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	.56	K3484	12	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	.55
K3479	10	3 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	.67	K3485	16	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	.61
K3480	12	3 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	.76	K2880	20	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	.70
K3459	16	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	.85	K2881	25	3 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	.73
K3460	8-8	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	.88	K3462	8-8	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	.73
K3461	8-8-8	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	1.29	K3464	8-8-8	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	1.12

Tubular Cartridge Dry Electrolytics



A line of extremely compact tubular dry electrolytics which are ideal for use where space is limited. Perfectly sealed. Wire leads.

Stock No.	Cap. Mfd.	Peak Volts	Dimen. In.	Your Cost	Stock No.	Cap. Mfd.	Peak Volts	Dimen. In.	Your Cost
K2703	.5	500	1 $\frac{1}{4}$ x $\frac{3}{8}$	\$0.32	K2710	5	60	1 $\frac{1}{4}$ x $\frac{3}{8}$	\$0.29
K2704	1	500	1 $\frac{1}{4}$ x $\frac{3}{8}$	.32	K2711	10	60	1 $\frac{1}{4}$ x $\frac{3}{8}$	.38
K2705	2	500	2 $\frac{1}{2}$ x $\frac{3}{8}$	.38	K2714	25	60	2 $\frac{1}{2}$ x $\frac{3}{8}$	.47
K2706	4	500	2 $\frac{1}{2}$ x $\frac{3}{8}$	.44	K2715	5	35	2 $\frac{1}{2}$ x $\frac{3}{8}$	.29
K2707	8	500	3 x1	.56	K2716	10	35	1 $\frac{1}{2}$ x $\frac{3}{8}$	.29
K2708	4	175	1 $\frac{1}{2}$ x $\frac{3}{8}$	.35	K2717	25	35	2 $\frac{1}{2}$ x $\frac{3}{8}$	.38
K2709	8	175	3 x1	.44	K2712	6-5	35	2 $\frac{1}{2}$ x $\frac{3}{8}$	.44
					K2713	10-10	35	2 $\frac{1}{2}$ x $\frac{3}{8}$	.44

"Tom Thumb" Compact Uncased Paper Sections



Usually compact uncased paper capacitors well sealed within varnished wrappers, and supplied with flexible leads. Ideal for replacing defective sections of blocks.

400 Working Volts D.C.				600 Working Volts D.C.				1000 Working Volts D.C.			
Stock No.	Cap. Mfd.	Dimen. Inches	Your Cost	Stock No.	Cap. Mfd.	Dimen. Inches	Your Cost	Stock No.	Cap. Mfd.	Dimen. Inches	Your Cost
K831	1.0	2x1 $\frac{1}{2}$ x $\frac{1}{2}$	\$0.44	K834	1.0	2x1 $\frac{1}{2}$ x $\frac{3}{8}$	.53	K837	0.5	4 $\frac{3}{8}$ x2 $\frac{1}{2}$ x $\frac{3}{8}$	.59
K832	2.0	2x1 $\frac{1}{2}$ x $\frac{3}{8}$	.67	K835	2.0	2x1 $\frac{1}{2}$ x $\frac{3}{8}$	.79	K838	1.0	4 $\frac{3}{8}$ x2 $\frac{1}{2}$ x $\frac{3}{8}$	.88
K833	4.0	2x1 $\frac{1}{2}$ x $\frac{1}{2}$	1.18	K836	4.0	2x1 $\frac{1}{2}$ x1 $\frac{1}{2}$	1.59	K839	2.0	4 $\frac{3}{8}$ x2 $\frac{1}{2}$ x1 $\frac{1}{2}$	1.47

"Postage Stamp" Micacs



Tiny bakelite housed units only $\frac{3}{8}$ " square. Terminals are securely anchored. All capacities marked directly on the units. All factory tested and inspected.

Leads	Lugs	Stock No.	Cap. Mfd.	Your Cost Each
		K3403	K3429-.0005	
		K3405	K3431-.0001	
		K3407	K3433-.0002	
		K3408	K3434-.00025	
		K3409	K3435-.0003	
		K3410	K3436-.0004	
		K3411	K3437-.0005	
		K3416	K3442-.001	
		K3418	K3444-.002	
		K3419	K3445-.0025	

8c per doz. 9c 12c 12c

Standard Size Cardboard Electrolytics



High quality electrolytics encased in impregnated cardboard containers that have mounting flanges. 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				Multiple Sections—4 lugs			
Stock No.	Cap. Mfd.	Dimensions Inches	Your Cost	Stock No.	Cap. Mfd.	Dimensions Inches	Your Cost
K2844	4	2 $\frac{1}{2}$ x1 $\frac{1}{2}$ x $\frac{3}{8}$	\$0.44	K2846	4-4	4 $\frac{3}{8}$ x1 $\frac{1}{2}$ x $\frac{3}{8}$	.76
K2845	8	4 $\frac{3}{8}$ x1 $\frac{1}{2}$ x $\frac{3}{8}$	.56	K2748	4-8	4 $\frac{3}{8}$ x1 $\frac{1}{2}$ x $\frac{3}{8}$	.78
K2745	10	4 $\frac{3}{8}$ x1 $\frac{1}{2}$ x $\frac{3}{8}$	.67	K2847	8-8	4 $\frac{3}{8}$ x1 $\frac{1}{2}$ x $\frac{3}{8}$	.88
K2746	12	4 $\frac{3}{8}$ x1 $\frac{1}{2}$ x $\frac{3}{8}$	.76				
K2747	16	4 $\frac{3}{8}$ x1 $\frac{1}{2}$ x $\frac{3}{8}$	.88				

"Sealdtite" Tubular Paper Condensers

Compact, dependable paper condenser ideal for all radio work. Double vacuum impregnated in treated cardboard tubes, with spun ends. Non-inductively wound with tinfoil. Leads are hot-soldered to the section. Bare wire leads.



400 Working Volts D.C.				600 Working Volts D.C.			
Stock No.	Cap. Mfd.	Dimen. In.	Your Cost	Stock No.	Cap. Mfd.	Dimen. In.	Your Cost
K811	.05	1 $\frac{1}{2}$ x1 $\frac{1}{2}$	9c	K817	.0001	3 $\frac{1}{2}$ x1	12c
K812	.1	2 $\frac{1}{2}$ x1 $\frac{1}{2}$	12c	K818	.00025	3 $\frac{1}{2}$ x1	15c
K813	.2	3 $\frac{1}{2}$ x2	15c	K819	.0005	3 $\frac{1}{2}$ x1	9"
K814	.25	3 $\frac{1}{2}$ x2	18c	K820	.001	3 $\frac{1}{2}$ x1	9"
K815	.5	1 x2	21c	K821	.002	3 $\frac{1}{2}$ x1	9"
K816	1.0	1 $\frac{1}{2}$ x2	29c	K822	.005	3 $\frac{1}{2}$ x1	12c
K817	.0001	3 $\frac{1}{2}$ x1	12c	K823	.006	3 $\frac{1}{2}$ x1	15c
K818	.00025	3 $\frac{1}{2}$ x1	15c	K824	.01	3 $\frac{1}{2}$ x1	9"
K819	.0005	3 $\frac{1}{2}$ x1	9"	K825	.02	3 $\frac{1}{2}$ x1 $\frac{1}{2}$	9"
K820	.001	3 $\frac{1}{2}$ x1	9"	K826	.05	3 $\frac{1}{2}$ x1 $\frac{1}{2}$	12c
K821	.002	3 $\frac{1}{2}$ x1	9"	K827	.1	3 $\frac{1}{2}$ x2	15c
K822	.005	3 $\frac{1}{2}$ x1	12c	K828	.2	1 $\frac{1}{2}$ x2	21c
K823	.006	3 $\frac{1}{2}$ x1	15c	K829	.25	1 $\frac{1}{2}$ x2	21c
K824	.01	3 $\frac{1}{2}$ x1	9"	K830	.5	1 $\frac{1}{2}$ x2	29c
K825	.02	3 $\frac{1}{2}$ x1 $\frac{1}{2}$	9"				

ALL SOLAR capacitors are guaranteed to be free from defects in workmanship or material for a period of one year.



CAPACITOR ANALYZER AND RESISTOR BRIDGE

- ★ "Eye" Indicator
- ★ Measures Capacity



K10437—For 110 v., 60 cycles a.c. Less tubes \$18.82
 Your Cost
 K10438—For 110/200 v., 25/60 cycles a.c. Less tubes \$23.52
 Your Cost
 Tubes for either above, 1-6E5, 1-1V \$1.40



"DOMINO" Paper Condensers



Special flat units molded into treated bakelite cases and provided with long stiff wire leads. Completely sealed against moisture. Capacities plainly marked on housings. Compact type, approximately $1\frac{1}{2}$ x $\frac{1}{2}$ x $\frac{1}{2}$ ". Suitable for all types of radio equipment.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K4200	.001	1000	15c	K4214	.02	600	18c
K4201	.002	1000	15c	K4215	.05	600	12c
K4202	.003	1000	15c	K4216	.01	400	15c
K4203	.004	1000	15c	K4217	.02	400	15c
K4204	.005	1000	15c	K4218	.05	400	12c
K4205	.006	1000	15c	K4219	.1	400	12c
K4206	.01	1000	15c	K4220	.01	200	11c
K4207	.001	600	12c	K4221	.02	200	12c
K4208	.002	600	12c	K4222	.05	200	12c
K4209	.003	600	12c	K4223	.1	200	15c
K4210	.004	600	12c	K4224	.15	200	18c
K4211	.005	600	12c	K4225	.2	200	18c
K4212	.006	600	12c	K4226	.25	200	18c
K4213	.01	600	15c				

AEROVOX - Dependable Quality - CONDENSERS

Midget Micacs

Type 1460



Ruby mica dielectric, 450 volts, d.c. working. Case size, $\frac{5}{8}$ " wide, $1\frac{1}{2}$ " long. Case mounting centers, $1\frac{1}{4}$ "; lug mounting centers, $1\frac{1}{4}$ ".

Stock No.	Cap. Mfd.	List Price	Your Cost
K4591	.00005	\$0.15	9c
K4592	.0001	.15	12c
K4593	.00015	.20	
K4594	.0002	.20	
K4595	.00025	.20	
K4596	.0005	.20	12c
K4597	.001	.25	15c
K4598	.002	.30	18c
K4599	.0025	.35	21c
K4600	.003	.35	21c

Type 1450



Molded Bakelite

Mica dielectric. $1\frac{1}{2}$ " square. 500 volts d.c., working. Tinned lugs.

Stock No.	Cap. Mfd.	List Price	Your Cost
K4601	.00005	\$0.25	15c
K4602	.0001	.25	
K4603	.0002	.25	
K4604	.00025	.25	
K4605	.0005	.25	
K4606	.001	.30	18c
K4607	.0015	.30	18c
K4608	.002	.35	21c
K4609	.003	.40	24c
K4610	.004	.45	26c
K4611	.005	.45	26c
K4612	.006	.55	32c
K4613	.01	.70	41c
K4614	.02	.95	55c

Type 1467

Bakelite case, mica dielectric. With long, tinned wire leads. Case size $\frac{3}{4}$ " square. 250 v. d.c.

Stock No.	Cap. Mfd.	List Price	Your Cost
K4615	.00004	\$0.15	9c
K4616	.00005	.15	9c
K4617	.00007	.15	9c
K4618	.000075	.15	9c
K4619	.0001	.15	9c
K4620	.00015	.15	9c
K4621	.0002	.15	9c
K4622	.00025	.20	12c
K4623	.0005	.20	12c
K4624	.001	.25	15c
K4625	.002	.30	18c
K4626	.003	.40	24c
K4627	.004	.45	26c
K4628	.005	.50	29c
K4629	.006	.60	35c
K4630	.01	.75	44c

Universal Mounting Condensers



Furnished with mounting rings for universal mounting. Hermetic sealing maintains original operating characteristics. Multiple units contain separate sections with common negative grounded to can.

Type E-5 Multiple Section 525 V. Surge - 450 V. D.C. Work

Stock No.	Cap. Mfd.	Size—In. Dia.—H.	Your Cost
K4630	5-8	2 $\frac{1}{2}$ x4 $\frac{1}{2}$	\$1.06
K4494	5-15	2 $\frac{1}{2}$ x4 $\frac{1}{2}$	1.35
K4631	8-8	3x4 $\frac{1}{2}$	1.59
K4632	9-9-18	3x4 $\frac{1}{2}$	2.20

SPACE-SAVER MIDGET ELECTROS

Almost half the size of the average unit without sacrificing, full working voltage, full rated capacitance and economical service life. All with flanges and 8" leads.

Type PBS450 - 525 V. Surge - 450 V. D.C. Working

Stock No.	Cap. Mfd.	Size—Inches D. W. L.	List Price	Your Cost
K4633	2	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	\$0.65	38c
K4634	4	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	.75	44c
K4635	8	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	.95	56c
K4636	10	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	1.15	68c
K4637	12	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	1.30	77c
K4495	16	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	1.45	85c

Type PBS450 - 525 Volts Surge 450 Volts D.C. Working

Stock No.	Cap. Mfd.	Size—In. D. W. L.	Your Cost
K4644	4-4	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	\$0.70
K4645	8-8	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	.88
K4650	8-8-8*	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x3	1.30

* Equipped with six leads.

Type PBS25 - 40 Volts Surge 25 Volts D.C. Working

Stock No.	Cap. Mfd.	Size—In. D. W. L.	Your Cost
K4496	5	1 $\frac{1}{2}$ x $\frac{1}{2}$ x2 $\frac{1}{2}$	.29
K4497	10	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	.29
K4498	25	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	.38

Type PBS50 - 75 Volts Surge 50 Volts D.C. Working

Stock No.	Cap. Mfd.	Size—In. D. W. L.	Your Cost
K4499	5	1 $\frac{1}{2}$ x $\frac{1}{2}$ x2 $\frac{1}{2}$	.29
K4500	10	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	.38

Type PBS600 - High Surge 600 Volts D.C. Working

Stock No.	Cap. Mfd.	Size—In. D. W. L.	Your Cost
K4501	4	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	1.03
K4502	8	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	1.44

Type PBS200 - 250 Volts Surge 200 V. D.C. Working - Singles

Stock No.	Cap. Mfd.	Size—In. D. W. L.	Your Cost
K4638	2	1 $\frac{1}{2}$ x $\frac{1}{2}$ x2 $\frac{1}{2}$	\$0.32
K4639	4	1 $\frac{1}{2}$ x $\frac{1}{2}$ x2 $\frac{1}{2}$	.38
K4640	8	1 $\frac{1}{2}$ x $\frac{1}{2}$ x2 $\frac{1}{2}$	.47
K4641	10	1 $\frac{1}{2}$ x $\frac{1}{2}$ x2 $\frac{1}{2}$	.53
K4642	12	1 $\frac{1}{2}$ x $\frac{1}{2}$ x2 $\frac{1}{2}$	.55
K4643	16	1 $\frac{1}{2}$ x $\frac{1}{2}$ x2 $\frac{1}{2}$	.61
K4503	20	1 $\frac{1}{2}$ x $\frac{1}{2}$ x2 $\frac{1}{2}$	.71
K4504	25	1 $\frac{1}{2}$ x $\frac{1}{2}$ x2 $\frac{1}{2}$	.73
K4505	30	1 $\frac{1}{2}$ x $\frac{1}{2}$ x2 $\frac{1}{2}$	.82

Type PBS200 - 250 Volts Surge 200 V. D.C. Working - Doubles

Stock No.	Cap. Mfd.	Size—In. D. W. L.	Your Cost
K4646	4-4	1 $\frac{1}{2}$ x $\frac{1}{2}$ x2 $\frac{1}{2}$	\$0.53
K4647	8-8	1 $\frac{1}{2}$ x $\frac{1}{2}$ x2 $\frac{1}{2}$	.73
K4648	8-16	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	.85
K4506	12-16	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	.94
K4507	16-16	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x2 $\frac{1}{2}$	.97

Type PBS200 - 250 Volts Surge 200 V. D.C. Working - Triples

Stock No.	Cap. Mfd.	Size—In. D. W. L.	Your Cost
K4649	8-8-8	1 $\frac{1}{2}$ x $\frac{1}{2}$ x2 $\frac{1}{2}$	1.12

Cardboard Container Dry Electrolytics



Same specs. as metal can units. Flanges.

Type P450 - Single Section 525 V. Surge - 450 V. D.C. Work

No.	Cap.	Size—In.	Each
K4671	4	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x4 $\frac{1}{2}$	44c
K4672	8	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x4 $\frac{1}{2}$	56c
K4673	16	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x4 $\frac{1}{2}$	85c

Type PBM450 - Double Section - Four Leads 525 V. Surge 450 V. D.C. Work

Stock No.	Cap. Mfd.	Size—In. D. W. L.	Your Cost
K4674	4-4	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x4 $\frac{1}{2}$	70c
K4675	8-8	1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x4 $\frac{1}{2}$	88c

Grounded and Insulated Metal Can Units



Both are inverted mounting type. Insulated type (I450) has negative lug riveted to can. Negative can in grounded unit. Both 525 volts surge, 450 volts d.c. working. Both 1 $\frac{1}{2}$ " diameter.

Ins. No.	Grd. No.	Cap. Mfd.	Ins. High	Your Cost
K4659	K4508	4	2 $\frac{1}{2}$	50c
K4660	K4509	8	4 $\frac{1}{2}$	61c
K4661	K4510	12	4 $\frac{1}{2}$	82c
K4662	K4511	16	5 $\frac{1}{2}$	91c

PG Hi-Farad Wets



Type PG500 - 450 Volts Work

Stock No.	Cap. Mfd.	Size—In. Dia.—H.	Your Cost
K4784	4	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	\$0.47
K4785	8	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	.56
K4512	10	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	.65
K4786	12	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	.68
K4513	18	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	.82
K4514	20	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	.85
K4515	30	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	1.06

Type PG300 - 300 Volts Work

Stock No.	Cap. Mfd.	Size—In. Dia.—H.	Your Cost
K4787	8	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	.53
K4788	16	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	.70
K4789	20	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	.79
K4790	40	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	1.18

Inverted Electrolytics

Provided with a lock-washer, nut and $\frac{1}{4}$ " screw bushing. Available in single and double section units with separate terminal leads. Double section units are provided with four leads—two negative and two positive. Thus, the sections are entirely separated.

Type GL-450 Single Section With Two Wire Leads 525 V. Surge 450 V.D.C. Work

Stock No.	Cap. Mfd.	Size—In. Dia.—High	Your Cost
K4651	4	1 $\frac{1}{2}$ x3 $\frac{1}{2}$	50c
K4652	8	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	61c
K4653	12	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	82c
K4654	16	1 $\frac{1}{2}$ x5 $\frac{1}{2}$	91c

Double Section Units Separate Sections: Four Leads 525 V. Surge 450 V.D.C. Work

Stock No.	Cap. Mfd.	Size—In. Dia.—High	Your Cost
K4655	4-4	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	76c
K4656	8-8	1 $\frac{1}{2}$ x5 $\frac{1}{2}$	94c

Triple Section Units Separate Sections: Six Leads 525 V. Surge 450 V. D.C. Work

Stock No.	Cap. Mfd.	Size—In. Dia.—High	Your Cost
K4657	4-4-4	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	\$1.12
K4658	8-8-8	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	1.41

Type GL600 Single Units High Surge - 600 V. D.C. Work

Stock No.	Cap. Mfd.	Size—In. Dia.—High	Your Cost
K4516	4	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	\$1.09
K4517	8	1 $\frac{1}{2}$ x4 $\frac{1}{2}$	1.53

Inverted Midgets

An ultra-compact metal can electrolytic for general replacement. With threaded hard rubber stem for inverted mounting and two flexible leads. Can is insulated from section.

GLS450 450 V. D.C. Work

Stock No.	Cap. Mfd.	Size—In. Dia.—High	Your Cost
K4663	4	1x2 $\frac{1}{2}$	50c
K4664	8	1x2 $\frac{1}{2}$	61c
K4665	12	1x3 $\frac{1}{2}$	82c
K4666	16	1x4 $\frac{1}{2}$	91c
K4518	8-8	1 $\frac{1}{2}$ x2 $\frac{1}{2}$	94c

Type GLS250 250 V. D.C. Work

Stock No.	Cap. Mfd.	Size—In. Dia.—High	Your Cost
K4667	4	1x2 $\frac{1}{2}$	44c
K4668	8	1x2 $\frac{1}{2}$	56c
K4669	12	1x2 $\frac{1}{2}$	66c
K4670	16	1x3 $\frac{1}{2}$	81c

Cardboard Tubular Dry Electrolytics



PR450 - 450 V. D.C. Working

Stock No.	Cap. Mfd.	Size—In. Dia.—Long	Your Cost
K4676	2	1 $\frac{1}{2}$ x2 $\frac{1}{2}$	\$0.38
K4677	4	1 $\frac{1}{2}$ x2 $\frac{1}{2}$.44
K4678	8	1 $\frac{1}{2}$ x2 $\frac{1}{2}$.56

PR200 - 200 V. D.C. Working

Stock No.	Cap. Mfd.	Size—In. Dia.—Long
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Exact Duplicate a.c.-d.c. ELECTROLYTICS

Stock No.	Mfrs. No.	Cap. Mfd.	Wkg. Volts	Your Cost
ATWATER-KENT				
K4538	26158	8-14-8	150	\$0.95
K4539	22472	7	200	.40
K4540	24602	8-8-8	150	.81
K4541	24955	8-8-8	150	.81
K4542	27592	4-8-10	450-450-25	1.08
BELMONT (FRESHMAN)				
K3018	C-525C	5-25	100	.54
K3006	C-525-B	5-25-5	100	.78
K4543	119-11	4-9-4	300-250-25	.86
K2952	119-24	5-5	200	.50
K2953	11093-1	5-25-5	200	1.05
BOSCH				
K3016	105287	4-8-20	450-450-25	1.13
K4544	150722	4-12-8-4	150-25	1.13
K4545	105309	16-4-4-5	150-10	1.21
K2954	104422	8-8-4	475-300	1.60
K3002	108950	8-8-44	450-350	1.45
COLONIAL				
K4546	R8780-C	8-4	850-150	.62
K4547	8357	8-20	150-20	.70
K4548	8449	8-8-35	150-20	1.13
K4549	R11909	4-12	350-25	.59
K4550	R10678	6-6-25	150-25	.81
K3135	R8058	8-8-8	200	1.00
CROSLLEY				
K2804	W27488	6-8	300-25	.42
K2805	W27488A	6-8	450-25	.47
K502	80124	16-16-8	100-125	.95
K503	29012	12-2-5	40-80 a.c.	.67
K504	29150	7-6-8	450-400-25	.88
K505	80059	8-8-8	450-250-450	1.10
K3023	26896A	12-6	300-25	.70
K3024	29264A	16-16-8	125-100-20	.98
K3025	29804A	16-16-8	150	1.22
K3027	30419	8-8	25-250	.65
K2975	28068	12	200	.47
K4551	30962	8-25	150	.78
K2976	25857B	8-8	200-25	.45
K2977	26119	8-4	150-300	.55
K3824	27677	8-8	15	.40
K3825	28468	8-12	350-475	1.21
K3826	29097B	8-8-8	450-350-250	1.05
K3828	29808	12	250	.56
DETROLA				
K3039	Aberne	4-17-8	135	.94
K3040		8-8-8-4	100	.75
EMERSON				
K2956	KC88	4-8-16	175	.88
K3830	HC31	4-4	200	.44
K4552	TC89	4-12-16	150	1.03
K4553	TTC169	6-8-12	450-25	1.13
K4554	GGC137	8-16-6-5	175-35	1.00
K4555	UUC179	12-8-5-6	150-25	1.15
K3030	2DC203	8-16	150	.71
K3031	KKC148	8-12	150	.68
K3032	ZZC192A	4-8-16	150	1.00
K3033	2CC194	8-16	150	.75
K3034	2WC289	8-5-5	150-25	.75
ERLA (SENTINEL)				
K4556		8-16-8	150	1.05
K4557	9982	8-8-20	100-150	.97
K4558	9442	4-10-7-7	150	.97

We offer the most comprehensive line of exact duplicate a.c.-d.c. electrolytic condenser blocks for popular receivers. All units listed conform physically and electrically with the original manufacturers' specifications. If the part you desire is not shown, we can supply a replacement at the lowest net price—send sample or give manufacturer's name, part number, capacities and working voltage and any other pertinent information.

Stock No.	Mfrs. No.	Cap. Mfd.	Wkg. Volts	Your Cost
FADA				
K3043	1362MS	8-16	200	\$0.94
K4559	1450MS	8-8-16	250-150-250	1.29
GALVIN (MOTOROLA)				
K4560	1388	8-8-25	350-25	1.18
K4561		2.7-6.91	250-200-10	.81
K4562	8426	4-8-5	300-200	1.00
K4563	1540	3-5-6	200-25	.79
K4564	1668	6-4-6	200-12	.82
K3136	1424	2-4	250	.60
K2807	8826	8-8-25	350-300-25	.98
GENERAL ELECTRIC (see RCA-Victor)				
GENERAL HOUSEHOLD (GRUNOW)				
K3041	27151	10-4-25-4	100-25	1.08
K4565	30091-1	8-8-8-12	450-475-25	1.57
K4566	30326	8-8-12	350-250	1.08
K4582	26508	8-8-4-4	300-25	1.01
GRIGSBY-GRUNOW (MAJESTIC)				
K2819	8118	20	30	.30
K2821	7824	8-16	300	.81
K2823	8755	4-8	450	.55
K2825	9661	8-10-16	140-15-140	.79
K2827	9979	8-8	350	.69
K2831	10369	8-8	450	.81
K2835	11200	4-2	450	.65
K2850	11640	4-6-10	300-350-25	.95
K3835	7988	7	150	.40
K3836	10827	10-8-8	25-350	.90
K4568	10536	4-6-10	300-350-25	.83
K4569	6277	8-4-4	450	.98
INTERNATIONAL (KADETTE)				
K2978	A424	4-10-10	150	.89
K2979	A426	2-7	100	.47
K2980	A427	3 1/2-3 1/2-3 1/2	100-25	.59
K4570	A412	8-30	150	.76
K4571	A425	10-10-4	150	.97
K4572		4-12-7	150	.97
K3137	A407	4-4	175	.41
RCA-VICTOR				
K2863	66143-3	4-4	450-150	.52
K2864	66122-2	4-4	250	.51
K2865	66140-4	1-3-6	250-100	.39
K2867	66143-2	10-4	350-150	.63
K2885	66174	4-4-4	140-220-140-15-4-4	1.35
K2887	66185-1	8-8-5-5	40-230-380	1.08

Stock No.	Mfrs. No.	Cap. Mfd.	Wkg. Volts	Your Cost
RCA VICTOR—Cont.				
K2889	66189-2	8-4-4-4	350-150-280-25	\$0.93
K2893	66185-2	8-8-5-5	450-50	1.03
K2894	66197-11	4	150	.39
K2899	68531-2	4-10-8	450-50-200	1.39
K2900	68527-2	10-10-4	25-25-200	.70
K2929	66160-2	8-4-10	150-100-25	.73
K2930	66155-1	4-4-10	300-300-4	.98
K2934	66197-2	5-5	50	.40
K3838	66160	8-8	250-175	.67
K3840	66189-1	8-4-4	350-150-300	.81
K3839	6535	4-4	150-300	.43
K3838	7589	4-4	450	.68
R. K. RADIO LABS.				
K2718	Radio Keg	12-8-5	150-25	.32
K4573		16-16-8	150-400	.32
SPARTON				
K2935	9550	5-25-5	150	.98
K4574	10001	6-10-4	250-200	1.03
K4575	10118	6-2	500	.84
K4576	11093-1	5-25-5	175	1.05
K4577	9308	20	25	.32
K4578	10318	2	150	.27
STEWART WARNER				
K3842	83111	8-8-5-5	250-25	.96
K4579	81959	4-13-7	150	.81
K4580	85665	40	100	.81
K4581	83962	10-5	25-350	.66
U. S. RADIO & TEL. (APEX)				
K3843	6201	4-4-12	150	.83
K4582	6508A	8-8-4-4	300-25	1.01
K4583	2719	8	300	.53
UNITED MOTORS				
K4582	6508B	8-8-4-4	300-25	1.01
K3843	6201	4-4-12	150	.83
K4584	4038	10-10	300	.84
K4551	4062	8-25	150	.78
WELLS GARDNER (MONT'Y WARD)				
K2905	80939	8-16	300	.98
K2907	81021	12-12	25	.35
K2939	80984B	16-6	475-150-4-8	1.75
K3844	80944E	4-12-16	150	.98
WILCOX GAY				
K4585	1085	4-6-5	150	.83
K4586	1085	4-12-4	150	1.03
WURLITZER (LYRIC)				
K4587	Y3764	12-16-10	150-25	1.09
K4588	37-3715	8-8-10	450-25	1.18
K4589	37-3773	4-8-10	250-25	.97
K4590	20180	2-8	450-200	.59
ZENITH				
K3010	22-236	8-8-10	300-25	1.03
K3006	525-P	5-25-5	100	.78
K3147	22-481	4-8-16	150	.97
K2910	22407B	2-4-8	450	1.02
K3149	22416F	8-8-2	450	1.05

Name of Receiver and Model	Stock No.	Your Cost
APEX		
Model 41.....	K1407	\$1.95
Model 46, 46A.....	K1406	1.70
Models 47, 47A.....	K1405	1.70
ATWATER KENT		
37-38 condenser and choke assemb.....	K1378	1.95
45 condenser.....	K1370	1.48
46, 47, 53 condenser unit.....	K1369	2.45
55, 55C, 60, 60C.....	K1368	2.45
72 series.....	K1365	1.39
BOSCH		
Model 28.....	K1349	1.45
Model 48.....	K1347	2.65
Model 10.....	K1340	2.75
CLARION (see page 118)		
COLUMBIA RADIO		
Model S.G. 8.....	K1290	2.75
COLUMBIA-KOLSTER		
C-1, C-3.....	K1280	1.20
EDISON		
R-1, R-2, C-2.....	K1220	3.30
R-4, R-5, C-4.....	K1219	2.45
R-6, R-7.....	K1218	2.45
EVEREADY		
30, 40; 50 series.....	K1210	2.95
1, 2 and 3.....	K1349	1.45

Exact REPLACEMENT CONDENSER BLOCKS

Name of Receiver and Model	Stock No.	Your Cost	Name of Receiver and Model	Stock No.	Your Cost
FADA					
42, 44, 46, 47, No. 1830X.....	K1199	\$2.98	MAJESTIC—Cont.		
50, 70, 71, 72, 75, 77, 1492MS.....	K1197	2.98	90 series, 9PB6 power unit.....	K1067	\$1.85
Model 43.....	K1206	2.98	90-B and 100-B.....	K1065	1.49
KOLSTER-COLUMBIA			50, 52.....	K1063	2.45
6-J, 6-K, 6-R.....	K1089	2.95	20 condenser and input transf.....	K1064	3.65
Model K-43, K-48.....	K1334	2.25	30, 31 condenser and choke assemb.....	K1073	1.49
MAJESTIC			60, 61, 62, 160, 163.....	K1072	1.49
25B, 251B, 253B, 254B.....	K1062	2.45	PHILCO		
85, 351, 353.....	K1061	2.45	Model 20, 220.....	K1030	2.20
70 series, 7P6 power, early.....	K1071	1.74	Model 65.....	K1029	2.20
70 series, 7P6 power, late.....	K1070	1.74	Model 82.....	K1028	2.20
80-180, 8PB6 power unit.....	K1069	2.95	RCA-RADIOLA		
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
RCA—RADIOLA—Cont.		
66 filter block.....	K1010	\$1.95
R81, R74, 7		

Trutest ELECTROLYTIC Condensers

THEY ARE BETTER

TRUTEST electrolytic condensers conform with ALL RMA acceptance standards. Each is guaranteed to have a power factor of from 4% to 8%, and each is rated within +20% and -10%. Leakage is less than 0.1 milliamperes per microfarad. They ARE better.

Dry Electrolytic Cartridge Condensers



In waxed cardboard containers with metal ends and 1 1/4" 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	24c
K3384	5	50	75	20c
K3295	10	50	75	22c
K3297	25	50	75	28c
K3387	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	26c
K3256	8	450	525	33c
K3255	10-10	35	50	29c

In lots of 10, deduct 10%.

Dry Electrolytic Can-Type Multiple Section



All are rated at 450 volts, d.c. working, 500 volts surge. 4" high aluminum can. Terminals are of the screw and nut type. Each section is a separate electrolytic of the genuine self-healing type. Can is negative.

Stock No.	Cap. Mfd.	Diam. Inches	Your Cost
K3316	8-8	2 1/2	\$0.65
K3317	5-15	2 1/2	0.85
K3318	8-8-8	3	1.04
K3320	9-9-18	3	1.47
K3319	8-8-8-8	3 1/4	1.44
K3321	8-8-18-18	3 1/4	1.94

Wet Electrolytics

All in tubular metal containers - can is negative. Dimensions, under 500 volts, 3 1/2 x 1 1/2"; 600 volts, 4 1/2 x 1 1/2"; 600 volts, 4 3/4 x 1 1/2". Excellent power factor and long life. Self-healing, able to withstand voltage overloads without harm.

Stock No.	Cap. Mfd.	Surge Volts	Your Cost
K491	4	450	35c
K492	8	500	38c
K493	10	500	43c
K494	12	500	46c
K495	8	600	59c

INVERTED TYPE DRY Electrolytics

For inverted, hole-in-chassis mounting. Standard size, round aluminum can fits hole for 1/4" stud. Can is insulated from condenser sections and is grounded. Rated at 450 volts, d.c. working and 500 volts surge. Shpg. wt. 1 lb.



Stock No.	Cap. Mfd.	Diam. In.	Ht. In.	Your Cost
K3323	4	1 1/2	4 1/4	34c
K3324	8	1 1/2	4 1/4	42c
K3398	8-8	1 1/2	4 1/4	72c

Compact Dry Electrolytics

These compact, cardboard cased dry electrolytics are ideal for replacement in all types of modern receivers. Ideal for a.c.-d.c. sets.

Stock No.	Cap. Mfd.	Surge Voltage	Terminal Connect.	Size Inches	Your Cost
K3575	4-4	175	Neg. Com.	2 1/2 x 1 x 3/4	\$0.38
K3576	8-5	175	Neg. Com.	3 x 1 x 1	.42
K3577	8-8	175	Separate	3 x 1 1/2 x 1	.50
K3578	8-8	175	Neg. Com.	3 x 1 x 1	.50
K3579	16-8	175	Neg. Com.	4 1/2 x 1 1/2 x 3/8	.58
K3580	16-16	175	Neg. Com.	3 x 2 x 1	.70
K3581	25-5	175	Neg. Com.	3 x 2 x 1	.63
K3582	16-16-8	175	Separate	4 3/8 x 1 1/2 x 1 1/2	1.15
K3583	25-5-5	175	Separate	2 1/2 x 1 1/2 x 1 1/2	.89
K3584	8-8-8	220	Separate	2 1/2 x 2 1/2 x 1 1/2	.85

Small Dry Electrolytics

525 Volt Surge



Full capacitance. Heavy cardboard case. Wax impregnated containers. 450 volt working. 1 1/4" wide. Equipped with insulated leads.

Stock No.	Cap. Mfd.	Size T. L.	Your Cost
K3223	1	1 1/2 x 2 1/2	20c
K3219	2	1 1/2 x 2 1/2	24c
K3220	4	1 1/2 x 2 1/2	29c
K3222	8	1 1/2 x 2 1/2	36c
K3218	8-8	1 1/2 x 2 1/2	59c

Special "600" V. Surge Dry Electrolytics

600 volts peak, d.c. 475 volts d.c. working. Boxes 1 1/2 x 2 1/2". Sealed and impregnated. Long, insulated leads.

Stock No.	Cap. Mfd.	Inches Thick	Your Cost
K3205	1	1/8	\$0.38
K3206	2	1/8	.42
K3207	4	1 1/8	.52
K3209	8	1 1/8	.60

Special Compact Filters

For A.C.-D.C. Receivers 225 Volts D.C. Peak

Rated 200 working volts d.c. In cardboard containers 2 1/4" long.

Stock No.	Cap. Mfd.	Size	Your Cost
K3210	4	5/8 x 3/4"	24c
K3212	8	5/8 x 1"	29c
K3213	10	5/8 x 1"	36c
K3214	12	1 x 1"	35c
K3215	16	1 1/4 x 1"	39c
K3216	20	1 1/2 x 1"	48c
K3217	25	1 3/4 x 1"	52c

VIBRATOR CONDENSER

Oil impregnated. Rated at 1600 volts. Small square metal cans are 1 1/2 x 1 1/2" with the exception of K3246, which is 7/8 x 1 1/2 x 3/8".

Stock No.	Cap. Mfd.	Stock No.	Cap. Mfd.
K3240*	.007	K3241*	.01
K3242*	.02	K3243	.007
K3244	.01	K3245	.02
K3246*	.007		

Your Cost, Any Type... **22c**

*Have two leads—others, one.

THEY COST LESS

With TRUTEST electrolytic condensers, you can increase your profit and customer good will. They give better results, longer life and cost less. There is a TRUTEST condenser for every circuit and every purpose. Stock up now for better servicing.

Dry Electrolytic Filter and By-Pass Condensers

500 v. surge 460 v. working. Heavy cardboard containers. Completely climate-proofed with heavy wax impregnation. All with tinned lugs. K3348 has colored leads.



Stock No.	Cap. Mfd.	Size Inches	Your Cost
K3351	2	2 1/4 x 5/8 x 1 1/4	24c
K3346	4	4 1/4 x 5/8 x 1 1/4	29c
K3347	6	4 1/4 x 5/8 x 1 1/4	32c
K3348	8	4 1/4 x 5/8 x 1 1/4	35c
K3349	10	4 1/4 x 5/8 x 1 1/4	39c
K3350	12	4 3/8 x 1 1/4 x 1 1/4	46c

MULTIPLE UNITS

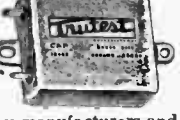


All 500-volt surge, 450 working, and 4 1/2" high. Heavy cardboard containers; wax impregnated. With tinned solder lug terminals.

Stock No.	Cap. Mfd.	Size Inches	Your Cost
K3337	4-4	1 1/2 x 1 1/2	48c
K3339	4-8	1 1/2 x 1 1/2	56c
K3342	8-8	1 1/2 x 1 1/2	60c
K3366	8-8-8	1 1/2 x 2	89c

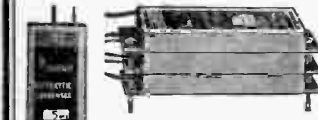
Shielded Paper By-Pass

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	19c
K3270	.25	400	21c
K3271	.5	400	26c

"BLUE • SPOT" Compact Dry Electrolytics



By stocking only a few of each of the numbers listed below, any replacement job involving filter or by-pass condensers can be easily taken care of. Units are especially compact—only 3" long by 5/8" deep. Make up required blocks

by ganging units (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.	Wkg. Volts	Your Cost	Stock No.	Cap. Mfd.	Wkg. 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

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.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K3173	.01	200	6c	K3185	.002	600	
K3175	.05	200		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	9c
K3180	.02	400		K3191	.25	600	12c
K3181	.05	400		K3192	.05-.05	200	12c
K3182	.1	400		K3193	.1-.1	200	14c
K3183	.25	400		K3194	.25-.25	200	16c
K3174	.5	400	15c	K3195	.05-.05	400	14c
K3184	.001	600	6c	K3196	.1-.1	400	14c

Deduct 10% when ordering in lots of 10.

NOISE Eliminators

SOLAR ELIMINATORS AND FILTERS

"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. Shpg. wt. 5 lbs.

K12684—Your Cost.....\$2.45

FOR DIAL PHONES



For application to any dial telephone which creates electrical disturbance. Installed in a few minutes. Will not affect the operation of the telephone. Constructed to satisfactorily reduce most noises on all frequencies. Shpg. wt. 8 oz.

K12435—Your Cost Each.....73¢

SOLAR RAZOR FILTER



Does your electric razor interfere with radio reception when you shave? This ELIM-O-STAT filter eliminates the radio noise which all electric razors give rise to. Works on both a.c. or d.c. lines and uses no current.

K12424—Your Cost.....\$1.47

C-D NOISE FILTER

Type IF-1-Cornell-Dubilier inductance-capacitive type. Current rating 5 amperes. Can be used for appliances using up to 200



watts. Power line disturbances are reduced appreciably. Metal case size 4x4x5". With cord and plug. Shpg. wt. 4 lbs.

K3553—Your Cost...\$2.94

NOISE ELIMOSTATS 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.....24¢

TYPE RB



Similar to above. For more severe noise conditions. Plug end fits directly into receptacle, set plugs into unit.

K12433—Your Cost.....44¢

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.

K12434—Your Cost.....\$2.94

TYPE AD

Similar to above, but for application to small appliances. Has ground post for frame of unit causing noise. For 110 volts, 5 amperes, a.c., or d.c.

K12436—Your Cost.....73¢

SPRAGUE NOISE REDUCING CONDENSERS



Type A left, B right



Type C right



Designed to meet all requirements. Type A (IF33 and 21) is a small two-lead condenser for small appliances and tool motors. Type C (IF50) is an oil-filled unit for higher capacitance requirements. Type IF11 is a dual unit for use on flashers, oil burners, etc. Type B (CH1) is a choke designed for 10 ampere loads. CH2 carries 20 amps.

Stock No.	Type	Model	Shpg. Wt.	List Price	Your Cost
K12438	C	IF-11	1 lb.	\$2.50	\$1.47
K12439	C	IF-50	1 lb.	1.75	1.03
K12440	A	IF-33	1 lb.	.75	.44
K12441	A	IF-21	1 lb.	1.00	.59
K12442	B	CH-1	1 lb.	1.35	.73
K12443	B	CH-2	1 lb.	2.75	1.62

KNOCKOUT BOX—Heavy steel with three knockouts on each side. 6 1/2 x 6 1/2 x 3" For mounting any above.

K12672—Your Cost.....88¢

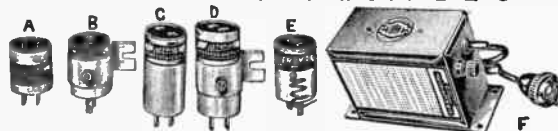
SPRAGUE INTERFERENCE ANALYZER

Ferrets out the source of interference and shows how to eliminate it. Truly a laboratory instrument. No computations, design problems or guess work. Connect it to the electrical appliance suspected, turn on the receiver and manipulate the switch on the analyzer. The answer to the problem is then read direct. It is compact in construction, measures 4 1/2" wide, 7" high and 3" deep. Case is of molded Bakelite, walnut finished. With flexible leads for quick and safe connections. Saves time and money and is a business getter. Parts employed have a large safety margin and will easily withstand up to 220 volts, a.c. or d.c. With direct-reading charts and complete instructions. Shpg. wt. 10 lbs.

K12697—Your Cost Complete.....\$9.55



AEROVOX INTERFERENCE FILTERS



IN-27, IN-28 and IN-29 are capacitive filters, and provide low impedance paths for the interference to ground. IN-24, IN-30, IN-31 use induction and capacity. ANT-32 substitutes for an aerial.

Stock No.	Type No.	Size	Fig.	List Price	Your Cost
K4792	IN-24	4 x 2 1/2 x 3 1/2"	F	\$4.75	\$2.79
K4801	IN-27	1 1/2 x 1 1/2"	A	.50	.29
K4802	IN-28	1 1/2 x 1 1/2"	B	.75	.44
K4803	IN-29	1 1/2 x 2 1/2"	C	.75	.44
K4804	IN-30	1 1/2 x 2 1/2"	C	.85	.50
K4805	IN-31	1 1/2 x 2 1/2"	D	1.00	.59
K4806	ANT-32	1 1/2 x 1 1/2"	E	.70	.41

AEROVOX INTERFERENCE ANALYZER

This handy analyzer makes it a simple matter to select the correct interference filter for any job. The interference device is plugged into the analyzer which is plugged into the line. A rotor switch is turned until interference is gone and indicates which of standard interference filters to select. In crackle black metal cabinet 5 1/2 x 5 1/2 x 8".

K4807—Your Cost.....\$7.50



Filterette For Electric Razors



The Tobe Electric Razor or 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¢

ALL-WAVE FILTER



For suppressing radio noise caused by appliances. Approved by Underwriters.

For 110 volts, a.c., or d.c. Maximum current rating, 5 amps. With receptacle and attachment cap for plug-in connection. Has ground post. In metal case, size 5 1/2 x 4 1/2 x 3 1/2". Shpg. wt. 18 lbs.

K12683—110-PO Your Cost.....\$6.18

TOBE ELIMINATORS & FILTERS

PLUG-IN FILTER



Capacitance type. Needs no ground connection. Plugs into any 110-volt outlet, either a.c., or d.c.

K12607—Your Cost.....59¢

OIL BURNER FILTERS



Effective on all waves. Mounted in cut-out box, with detachable clamps to mount on pipes or flat surface. Furnished with full instructions. Fully approved. For 110 volts, 4 amps., a.c. or

d.c. Shpg. wt. 8 lbs.

K12609—OB-110 Your Cost.....\$5.70

Power Line Filterette



Reduces noises which enter set through the power line. With cord and plug. Metal case.

Type RF2 K12608—Your Cost \$2.90

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	\$7.15
K12681	10	15	11.75

Filterette Junior



For household appliances, cash registers, etc. Easily makes all small motors noise-free. Has ground post for frame of appliance. May be used on 110-120 volt, a.c. or d.c. apparatus rated at 1/4 horsepower or less. Especially suitable for use on vacuum cleaners, small hair dryers, fans, etc. For use only with appliances which are connected to the power line by means of an attachment cord and a standard two-prong plug. In Bakelite case, 2 1/2" long, 1 1/2" in diameter.

K12601—Each.....\$1.32

FILTERETTE SR.

Similar to above, but designed for larger interference-causing devices than can be handled with the above Filterette Jr. Fully approved by Underwriters' Labs.

K12600—Wt. 4 lbs. Your Cost Each...\$3.23

IRC RESISTORS IRC

Resisto-Chest Free!

Offered FREE with every purchase of 56 type-B-T1 (each of the 28 most popular types) resistors. Chest has 7 small and 1 large drawers. Size: 8 1/2" high, 4 3/4" wide and 6 1/2" deep. Shpg. wt. 6 lbs. Resisto-Chest with 56 selected type BT-1 (1-watt) resistors. List \$11.20.

K5208—Your Cost \$6.59
Resisto-Chest only
K5209—Your Cost 90¢



Precision Wire Wound Resistors



WW-4—1x 1/4"



WW-1—2 1/4 x 1/4"

Precision wire wound resistors designed for use as meter multiples and other applications where great accuracy is a requisite. Guaranteed accuracy 1%. These resistors are non-inductively wound. Winding is fully shielded. Type WW-1 has ferules 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	50c	K5136	30000	79c
K5126	300		K5137	35000	
K5124	500		K5138	40000	
K5127	1000	53c	K5139	50000	94c
K5128	2500		K5140	60000	
K5129	5000	59c	K5141	75000	1.09
K5130	7500		K5142	100000	
K5131	10000		K5099	150000		1.38
K5132	12500	65c	K5101	200000	1.53
K5133	15000		K5102	250000	
K5134	20000	79c	K5102	300000	1.68
K5135	25000		K5122	400000		1.76
			K5123	500000	2.00

Type WW-1

Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
K5150	1	68c	K5148	15000	79c
K5154	5		K5171	20000	
K5159	10	68c	K5149	22500	94c
K5160	25		K5172	25000	
K5161	50	68c	K5173	30000	1.12
K5162	100		K5176	60000	
K5163	150	68c	K5177	60000	1.12
K5164	200		K5178	75000	
K5200	250	68c	K5179	100000	1.23
K5204	400		K5181	150000	
K5165	500	68c	K5182	175000	1.56
K5166	1000		K5183	200000	
K5146	7000	68c	K5184	225000	1.56
K5147	15000		K5185	250000	
K5144	20000	68c	K5190	275000	1.71
K5167	25000		K5186	300000	
K5145	30000	73c	K5187	400000	1.85
K5168	50000		K5188	500000	
K5146	70000	73c	K5191	1 Meg.	3.09
K5147	75000		K5202	1 1/2 Meg.	
K5147	75000	73c			4.41
K5169	100000				

Volume Control Guide

The new 1938 IRC volume control guide is now ready for the service trade. It's crammed with valuable information—and it's FREE. Write for one today.

IRC TYPE BT INSULATED RESISTORS WITH METALLIZED ELEMENT



An all purpose line of high quality units that employ the famous metallized element sheathed in an overall covering of moisture proof phenolic compound. Non-inductive and noiseless in operation. Pigtail contact leads are solidly molded to the element.

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Megs.
450	2000	7000	15000	50000	200000		1.0
500	2250	7500	17500	60000	250000		1.5
600	2500	8000	20000	65000	300000		2.0
750	3000	9000	22500	70000	400000		3.0
800	3500	10000	25000	75000	500000		4.0
1000	4000	11000	30000	100000	600000		5.0
1250	5000	12000	35000	125000	750000		6.0
1500	6000	12500	40000	150000			10.0
							20.0

Specify Resistance Desired When Ordering

Actual Sizes	Actual Sizes	Actual Sizes
1/2-Watt BT-1/2 5/8x3/8". All sizes K5206— Each	1-Watt BT-1 1 1/4x3/4". 500 ohms up K5207— Each	2-Watt BT-2 1 3/4x3/4". 750 ohms up K5263— Each
10¢	12¢	18¢

BT-1/2 Kit: 10 popular 1/2-watt units in handy container. **K5264—Your Cost 98¢**

BT-1 Kit: 10 popular 1-watt units in handy container. **K5265—Your Cost \$1.18**

FUSED RESISTANCE INDICATOR



Range 0-1 Meg.

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. \$4.85**

IRC 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.

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	\$1.03
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.

No.	From	To	Each
K5266	100	5,000	\$1.18
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". Available in sizes marked by asterisk in list above.

No.	From	To	Each
K5270	500	10,000	\$1.77
K5271	25,000	100,000	2.06

Extra Sliders

Slider to fit both 50 and 80-watt resistors. **K5215—Your Cost Each 6¢**

Slider to fit both 100 and 200 watt resistors. **K5216—Your Cost Each 9¢**

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*	7200	40000
100*	2250	7500*	50000*
150	2500*	10000*	60000
200	3000	12000	75000
250*	3500	12500	100000

Type "AB"

10-Watt Rating (Max.)
1 1/4" long, 3/8" diam. Range up to 50,000 ohms (see list). **K5210—Your Cost Each 24¢**

Type "DG"

20-Watt Rating (Max.)
2" long, 1/2" diam. Range up to 100,000 ohms (see list).

No.	From	To	Each
K5211	1	15,000	38c
K5212	20,000	50,000	44c
K5290	60,000	100,000	59c

Type "EP"

50-Watt Rating (Max.)
4 1/4" long, 3/4" 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	\$0.88
K5261	7,500	25,000	1.03
K5264	50,000 ohms		1.18
K5235	75,000 ohms		1.32
K5236	100,000 ohms		1.47

WIRE-WOUND INSULATED UNITS

In 1/2, 1 and 2-Watt Sizes



Offer new opportunities for stabilized inexpensive resistor applications in meters, cathode-bias resistors, for air-cell battery use, etc. Similar in appearance to the BT-1 above, but contains a wire-wound element completely encased in molded high-voltage insulating 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. 5/8" long by 3/8" in diam. **Your Cost Each 10¢**

K5299—Type BW-1. 1 watt. Available in above sizes from 1 to 2500 ohms. 1 1/2" long by 1/2" in diam. **Your Cost Each 12¢**

K5299—Type BW-2. 2 watt. Available in above sizes from 1 to 5000 ohms. 1 3/4" long by 5/8" in diam. **Your Cost Each 18¢**

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
 Your Cost Each, Any Size **18¢**
 In lots of 10—Your Cost **\$1.60**
K4439—TRUTEST 10-Watt Resistors
 Your Cost Each, Any Size **21¢**
 In lots of 10—Your Cost **\$1.94**

Trutest Fixed Resistors



Guaranteed to be within plus or minus 10% of their rated value, most are within 5%. All are non-porous, dissipate heat rapidly, have positive lug contacts and do not change in resistance value. Baked vitreous enamel coating. Each resistor is individually marked showing resistance.

10-Watt Rating $\frac{1}{2}$ x 1 $\frac{1}{2}$ " Isolantite Tube			
Stock No.	Ohms	Stock No.	Ohms
K4850	1	K4861	30
K4851	2	K4863	40
K4854	5	K4864	50
K4856	10	K4866	100
K4858	15	K4868	150
K4859	20	K4869	200
K4860	25	K4870	250

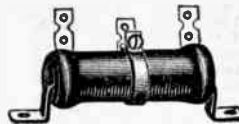
Your Cost Each, Any Size **20¢**
 In lots of 10, Your Cost **\$1.90**

20-Watt Rating $\frac{1}{2}$ x 2" Isolantite Tube				50-Watt Rating $\frac{1}{2}$ x 4" Isolantite Tube			
Stock No.	Ohms	Milli-amps.	Volts	Stock No.	Ohms	Milli-amps.	Volts
K4910	25	895	22	K4956	201581	36	61
K4911	50	633	32	K4958	100	707	70
K4912	75	517	38	K4959	250	447	111
K4913	100	447	44	K4960	500	316	157
K4915	200	316	63	K4962	750	258	192
K4917	300	258	77	K4963	1000	223	200
K4919	400	224	90	K4964	1500	182	275
K4920	500	200	100	K4965	2000	158	315
K4923	750	163	122	K4969	4000	111	450
K4926	1000	141	141	K4970	5000	100	500
K4930	1500	115	173	K4971	6000	91	540
K4933	2000	100	200	K4973	7500	81	610
K4934	2250	94	211	K4976	10000	70	700
K4936	2500	89	222	K4978	12500	63	790
K4938	3000	81	240	K4979	15000	57	850
K4940	4000	71	284	K4981	20000	50	1000
K4942	5000	63	315	K4982	25000	44	1100
K4943	6000	57	342	K4983	30000	41	1200
K4946	8000	50	400	K4984	40000	35	1400
K4947	10000	44	440	K4985	50000	31	1550
K4948	12500	40	500	K4987	75000	26	1950
K4949	15000	37	550	K4988	100000	22	2200
K4950	25000	28	700				
K4951	35000	24	850				
K4952	50000	22	1000				
K4891	75000	19	1150				
K4892	100000	16	1250				

Wattage ratings taken with one foot of free air circulating around unit.

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 may be used without shorting out much resistance. Each unit equipped with one sliding contact and brackets. Vitreous enamel coating.



25 Watts (2" Long x $\frac{1}{2}$ " O.D.)				50 Watts (4" Long x $\frac{1}{2}$ " O.D.)			
Stock No.	Resist. Ohms	Curr. Ma.	List Price	Stock No.	Resist. Ohms	Curr. Ma.	List Price
K20740	1	5000	\$0.85	K20770	100	700	\$1.30
K20741	2	3500	.85	K20771	200	500	1.30
K20742	3	2800	.85	K20772	300	406	1.30
K20743	5	2225	.85	K20773	400	353	1.30
K20744	10	1500	.85	K20774	500	316	1.30
K20745	20	1100	.85	K20775	800	252	1.30
K20746	50	700	.85	K20776	1000	224	1.30
K20747	100	500	.85	K20777	1500	182	1.30
K20748	200	353	.85	K20778	2000	158	1.30
K20750	500	224	.85	K20779	2500	141	1.30
K20751	750	182	.85	K20780	3000	129	1.30
K20752	800	177	.85	K20781	4000	112	1.30
K20753	1000	158	.85	K20782	5000	100	1.30
K20754	1500	129	.85				
K20755	2000	112	.86	K20783	6000	91	1.45
K20757	2500	100	.85	K20784	7000	84	1.45
K20759	4000	79	.85	K20785	8000	79	1.45
K20760	5000	71	.85	K20786	9000	74	1.45
				K20787	10000	71	1.45
K20761	6000	64	.95	K20788	12000	65	1.45
K20762	7000	60	.95	K20789	15000	58	1.45
K20763	8000	56	.95	K20790	20000	50	1.45
K20765	10000	50	.95	K20791	25000	45	1.45
K20795	15000	41	.95	K20792	30000	41	1.85
K20796	20000	35	1.05	K20793	40000	35	1.85
K20797	25000	32	1.05	K20794	50000	32	1.85

75 Watts—6" Long x $\frac{1}{2}$ " O. D.			
Stock No.	Resist. Ohms	Curr. Ma.	List Price
K20800	100	865	\$1.75
K20801	200	610	1.75
K20802	300	500	1.75
K20803	400	432	1.75
K20804	500	387	1.75
K20805	750	316	1.75
K20806	1000	274	1.75
K20807	1500	224	1.75
K20808	2000	194	1.75
K20809	2500	173	1.75
K20810	3000	158	1.75
K20811	4000	137	1.75

Extra sliders to fit any of the above resistors.
K20825—Your Cost Each 5¢

5 WATT ZIPOHM WIRE WOUND REPLACEMENT RESISTORS



Zipohms are a new type Muter replacement resistor especially made for servicemen. They are flat and fit into tight places easily. The $1\frac{1}{2}$ " tinned leads are long enough for unusual installations.

The ohm value is clearly stamped in large type on an aluminum tag. Each unit is covered with a protective high temperature electric cement. Size: Under 10,000 ohms, $1\frac{1}{2}$ x $\frac{1}{2}$ inches; above 10,000 ohms, $2\frac{1}{2}$ x $\frac{1}{2}$ inches. Available in the following values, accurate within 5%.

100	400	1500	5000	15000
150	500	2000	7500	17500
200	750	2500	9000	20000
250	1000	3000	10000	25000
300	1250	4000	12500	

K5300—Zipohm Resistors. Specify Value. Each 15¢

CENTRALAB POWER RHEOSTATS



Ideal for use as motor speed 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 Each **\$1.18**

50-Watt Units			
Stock No.	Res. Ohms	Stock No.	Res. Ohms
K8987	25	K8990	500
K8988	60	K8991	1000
K8989	150		

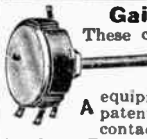
Your Cost Each **\$1.47**

K8992—50-watt power rheostat, 5000 ohm resistance. Your Cost Each \$1.62

75-Watt Units			
No.	Ohms	No.	Ohms
K8995	50	K8998	500
K8996	150	K8999	1000
K8997	300		

Your Cost Each **\$1.76**

CENTRALAB ECONOMY P-A CONTROLS



Gain Control

These controls are designed for moderately priced p.a. equipment. All have patented non-rubbing contacts.

Stock No.	Res. Ohms	Your Cost
K9000	250M	\$1.03
K9001	500M	
K9002	1 Meg.	
K9003	2 Meg.	

Straight Fader (A)

For use with high impedance generating devices, xtal pickups, mikes.

Control consists of 2 half sections equal in resistance equal in value. Give smooth quiet fading from one source to the other.



No.	Each Side Tap	Each
K9004	500M.	\$1.18
K9005	1 Meg.	

"Delta-T" Pad (B)

Controls tapered for substantially straight line attenuation. No. Impedance Your Cost

K9006	50 ohms	\$2.06
K9007	200 ohms	
K9008	500 ohms	

Trutest Carbon Resistors

Trutest 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.

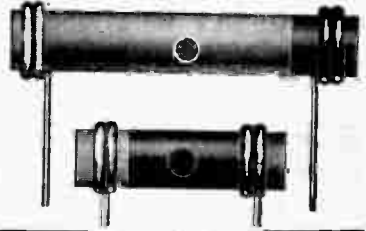
Specify resistance desired when ordering.

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, 1x1/4"				7c
Your Cost Each				
In Lots of 12				70c
K5258—1-watt, 1 1/2x1/4"				8c
Your Cost Each				
In Lots of 12				80c

GENERAL REPLACEMENT RESISTORS

All absolutely moisture proof and will stay permanent regardless of atmospheric conditions.

TRUTEST RESISTORS are R.M.A. color coded for easy identification and are made of the finest material and workmanship. Guaranteed accuracy, 10% plus or minus. The average are within 5%. Resistance values 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	
5000	K4264	K4314	K4464	750000	K4289	K4339	
6000	K4265	K4315	K4465	Megohms			
7000	K4266	K4316	K4466	1	K4288	K4338	
7500	K4267	K4317	K4467	1.5	K4248	K4351	
8000	K4268	K4318	K4468	2	K4289	K4339	
9000	K4246	K4349	K4469	2.5	K4249	K4352	
10000	K4269	K4320	K4470	3	K4290	K4340	
12000	K4270	K4321	K4471	4	K4291	K4341	
15000	K4271	K4322	K4472	5	K4292	K4342	
17000	K4272	K4323	K4473	6	K4293	K4343	
20000	K4273			7	K4294	K4344	
				8	K4295	K4345	
				9	K4296	K4346	
				10	K4297	K4347	

Trutest Ohm Indicator

Handy Simple Reliable



Range 0-100,000 Ohms

Wire wound on a vitreous enameled insulating 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.

K4997—Your Cost \$1.49

POWER CLAROSTATS



These heavy-duty variable resistors have many uses for the experimenter, radio man and industrial electrician. The Power Clarostat type will handle 80 watts continuously and the Super-Power Clarostat, 250 watts. Both are of the single-hole mounting type and are supplied with knobs. Have screw terminals.

Power Stock No.	Super-Power Stock No.	Range Ohms
K6831	K6834	1/4 to 10
K6832	K6835	25 to 500
K6833	K6836	200 to .1 Meg.
Power Clarostats		
Your Cost Each \$2.05		
Super-Power Clarostats		
Your Cost Each \$3.50		

HARDWICK-HINDLE POWER RHEOSTATS



Each element is wound on a pure mica form placed in a refractory base which is embedded in vitreous enamel. Each has a 3/8" bushing and nut for single hole mounting; depth behind panel, 1 1/2"; base diameter, 1 1/4"; 1/4" shaft;

rotation 285 degrees—circuit open at extreme position; no switch is required. All types are rated at 25 watts maximum. Screw terminals. Furnished complete with knob. Shpg. wt. each, 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	
K8969	1000	.158	\$1.96
K8970	2500	.100	
K8971	5000	.070	

1/2-WATT SIZE

Your Cost Each	5c
Per Dozen	49c
Per 100	\$4.00

1-WATT SIZE

Your Cost Each	6c
Per Dozen	60c
Per 100	\$4.85

2-WATT SIZE

Your Cost Each	10c
Per Dozen	99c
Per 25	\$2.00

FREE! With each purchase of 3 or more Trutest Carbon Resistors, a pocket-size R.M.A. color code chart.

\$1.60

Kit of 25



\$2.75

R.M.A. Color-Coded Resistors in Sturdy Metal Box with Hinged Cover

FREE! Color Code Chart

KIT OF 25 RESISTORS

25 popular 1-watt R.M.A. coded carbon resistors, ranging from 200 ohms to 2 megohms. In metal box 4 1/2x6 1/4x3 1/4". Shpg. wt. 2 lbs. K4432—Your Cost Each \$1.60

Trutest "RESISTO-CAN" 1-WATT CARBON RESISTOR KITS

Handy for the serviceman's tool kit or work bench. These popular kits are made up of assortments of the most commonly used 1-watt carbon resistors. All are R.M.A. color-coded, and a chart is furnished with each kit. Resistors are contained in a sturdily built metal box that is finished in a durable lacquer.

IN HANDY METAL BOX

Box has hinged top cover. By replacing resistors as they are used, a good working stock is always on hand. The kit of 25 units contains 25 different value resistors; the larger kit contains a total of 34 different sizes, with two and three of the most popular resistances to make a total of 48 units. Kits are offered at extremely low prices—stock up now.

KIT OF RESISTORS

48 popular 1-watt R.M.A. coded carbon resistors ranging from 200 ohms to 3 megohms. In metal box 10 1/4x4 1/4x3 1/4". Shpg. wt. 3 lbs. K4433—Your Cost Each \$2.75

Trutest FILAMENT AND CENTER-TAPPED RESISTORS



WITH CENTER TAP

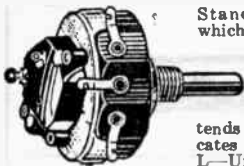
Dependable wire wound units, accurately rated. Tapped at the electrical center. Have solder lug terminals and mounting feet. Available in 10, 20, 30, 40, 50, 60, 100 and 200 ohms. Specify resistance desired. K3999—10 For 72c Your Cost Each 8c

WITHOUT CENTER TAP

For filament circuits. Available in 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 25, 30, 40, 50 and 60 ohms. Specify resistance desired. K3997—10 For 63c Your Cost Each 7c Same as above, but 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000 or 1500 ohms. Specify resistance desired. K3998—10 For 73c Your Cost Each 8c

STANDARD TYPE VOLUME CONTROLS

CLAROSTAT Wire-Wound Volume Controls



Standard controls to which switch may easily be attached. Bakelite cases. Diameter $1\frac{1}{2}$ " mount in $\frac{3}{8}$ " hole. Shaft extends $1\frac{1}{2}$ ". Letter indicates taper as follows: L—Untuned Ant.; N—Antenna or R.F. Coil; U—Combined Ant. and "C" Bias; V—"C" Bias; W—Screen Grid. Units with no letter following resistance have uniform taper.

Stock No.	Ohms	Stock No.	Ohms
K7099	50	K7082	5000V
K7096	100	K7081	7500
K7097	200	K7080	7500U
K7098	300	K7079	7500V
K7095	400	K7078	10000
K7094	500	K7076	10000U
K7093	750	K7075	10000V
K7092	1000	K7074	10000W
K7090	2000	K7073	15000
K7089	2000L	K7072	15000U
K7088	2000V	K7070	20000
K7087	3000	K7068	25000
K7086	3000U	K7067	30000
K7084	5000	K7066	40000
K7083	5000U	K7065	50000

Your Cost Each, Any Above Type, Less Switch **57c**
 K6837—Switch Coverplate. Each 20c

CARTER Midget Rheostats and Pots.

Extremely compact units, rheostats $1\frac{1}{2}$ " diameter and pots. $1\frac{1}{2}$ " diameter. Mount in $\frac{3}{8}$ " hole and extend $\frac{1}{2}$ " back of panel. $\frac{3}{8}$ " shaft extends $1\frac{1}{2}$ ". 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					
No.	Ohms	No.	Ohms	No.	Ohms
K6524	8	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 **28c**

I.R.C. VOLUME CONTROLS

A complete line of standard replacement volume controls built to a high standard of perfection. Features include: Bakelite base for resistance element; multi-spring noiseless contact arm; recessed terminals; easily attachable line switch. Shafts $2\frac{1}{4}$ " long, milled. Bushing $\frac{3}{8} \times \frac{3}{8}$ " 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.

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	100000A
K9105	5000A	K9122	100000C
K9106	5000C	K9123	200000A
K9107	10000F	K9124	200000D
K9108	10000A	K9125	250000C
K9109	10000D	K9126	500000A
K9110	10000C	K9127	500000C
K9111	15000D	K9129	1 Meg. C
K9112	15000F	K9136	1 Meg. †
K9113	20000F	K9131	2 Meg. C
K9114	25000D	K9132	3 Meg. C
K9115	25000A	K9137	10 Meg. A
K9116	25000F		

† Fader Control.
 Your Cost Each, Any Type **59c**
Center Tapped Controls
 Tapped for tone compensation circuits.
 K9128 500,000 ohms) Each **88c**
 K9130 1 Megohm)

Switch Coverplates

K9133—S.P.S.T.	K9134—S.P.D.T.	K9135—D.P.S.T.
Each 29c	Each 35c	Each 35c

IRC "Twin" Controls



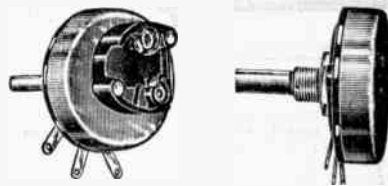
Dual controls for replacement purposes. Use IRC No. 35-1620 for "C" bias circuits; No. 61-1623 for screen grid circuits. Shaft section shunts from ant. to gnd.

No.	IRC No.	Shaft Sect.	Back Sect.	Your Cost
K9138	35-1620	10,000 ohms	25,000 ohms	\$1.47
K9139	61-1623	10,000 ohms	50,000 ohms	

FREE! IRC FREE! Volume Control Guide

A new, up-to-date volume control data book that will prove of valuable assistance to the serviceman. Send for it—it's FREE.

Truest TRU-TAPER Volume Controls



A line of standard replacement volume controls featuring extra hard composition elements; multi-point wiping contact; correct taper. $1\frac{1}{4}$ " milled shaft, $\frac{3}{8}$ " bushings. Taper indicated: A—Ant. Shunt; B—Ant. Shunt and "C" Bias; C—"C" Bias; D—Screen Voltage or Tone Control; E—Audio Shunt or Tone Control.

With Switch Stock No.	Res. Ohms	Taper	Without Switch Stock No.
K9070	1000	A	K9081
K9071	2000	B	K9082
K9072	5000	A	K9083
K9073	10000	B	K9084
K9074	25000	B	K9085
K9075	50000	D	K9086
K9076	75000	C	K9087
K9077	100000	D	K9088
K9078	250000	E	K9089
K9079	500000	E	K9090
K9080	1 Meg.	E	K9091

Your Cost **40c** Less Switch Your Cost **28c**

Truest Duplicate Controls

For VICTOR Models R-32, RE-45, R-52 and RE-75



K9094 Your Cost **92c**
 For RCA-Victor models 42, 48, R-14, R-15, R-17, 10,000 and 25,000 ohms **\$1.15**
 K9093—Your Cost

PHILCO 20, 20A and 220 Dual unit, 285 and 5000 ohms. K9092—Your Cost Each **92c**

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 75c

C.R.L. Midget Radiohms



Small diameter controls for use in auto radio sets or in midget radios. Molded Bakelite cases. Potentiometer type, terminals insulated. Diameter $1\frac{1}{4}$ ". Depth, less switch $\frac{3}{4}$ ", with switch $\frac{3}{8}$ ". $2\frac{1}{4}$ " shaft, milled entire length. Separate switches easy to install. Taper indicated: A—Ant. and "C" Bias; GT—Audio Grid or Tone.

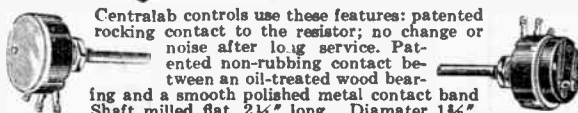
No.	Ohms	Each
K8190	10,000 A	59c
K8191	25,000 A	
K8192	250,000 GT	
K8193	500,000 GT	
K8194	1 Megohm GT	29c
S.P.S.T. switch coverplate for midget radiohms.		
K8195—Each		

SWITCH COVERPLATES FOR STANDARD RADIOHMS

No.	Type	Each
K8665	S.P.S.T.	35c
K8667*	S.P.S.T.	
K8666	S.P.D.T.	
K8668	3-Point	
K8669	4-Point	

* Heavy duty, for auto sets.

Centralab Radiohm POTENTIOMETERS

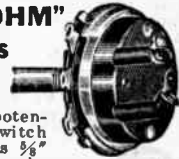


Centralab controls use these features: patented rocking contact to the resistor; no change or noise after long service. Patented non-rubbing contact between an oil-treated wood bearing and a smooth polished metal contact band. Shaft milled flat, $2\frac{1}{4}$ " long. Diameter $1\frac{1}{4}$ ". Depth, $\frac{3}{8}$ "; shaft, $\frac{3}{8}$ "; 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	100000GT
K8865	1000U	K8931	15000A1	K8878	200000GT
K8859	2000U	K8877	20000A	K8894	200000C
K8866	3000U	K8869	25000U	K8879	250000GT
K8867	4000U	K9032	25000C	K8864	500000U
K8868	5000U	K8860	25000S	K8841	500000P
K8842	5000S	K8861	50000U	K8863	500000GT
K8872	10000A	K8875	50000T	K8874	1 Meg. GT
K8871	10000A1	K9033	75000T	K8890	2 Meg. GT
K8843	10000A2	K8840	75000C	K8896	3 Meg. GT
K8858	10000S	K8862	100000U		

Your Cost Each, Any Type **59c**
TAPPED RADIOHMS (FOR TONE COMPENSATION)
 K8891 250,000 ohms GT) Each **88c**
 K8881 500,000 ohms GT)
 K8882 1 Megohm GT)

"FLATOHM" Controls



Ultra-thin potentiometers. Switch type extends $\frac{3}{8}$ " back of panel; without switch only $\frac{1}{8}$ " back of panel. Diam. $1\frac{1}{4}$ ". $\frac{3}{8}$ " shaft $1\frac{1}{2}$ " long. $\frac{3}{8}$ " bushing. A—Antenna Shunt; C—"C" Bias; A—Ant. Shunt and "C" Bias; S—Screen; T—Audio or Tone.

Less Switch Stock No.	Res. Ohms	With Switch Stock No.
K8172	1000A	K8161
K8173	2000 AC	K8162
K8183	3000 AC	K8184
K8174	5000 A	K8163
K8176	10000 AC	K8164
K8185	15000 AC	K8186
K8176	25000 AC	K8165
K8177	75000 C	K8166
K8178	50000 S	K8167
K8179	100000 S	K8168
K8180	250000 T	K8169
K8181	500000 T	K8170
K8182	1 Meg. T	K8171

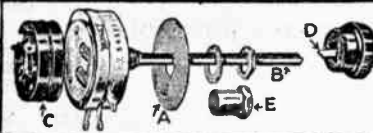
Less Switch Your Cost **27c** With Switch Your Cost **36c**

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	A20AMP*	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	Y*	Car.	25000	I
K6666	W	WW	100	IV	K6743	Y50MP	Car.	50000	IV
K6667	X	WW	200	IV	K6677	K*	Car.	50000	II
K6732	A400P	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	C*	WW	2000	II	K6745	Y200MP	Car.	200000	IV
K6704	C12*	WW	2000	I	K6746	Y250MP	Car.	250000	IV
K6736	A3MP*	WW	3000	IV	K6679	M	Car.	250000	I
K6671	D*	WW	3000	II	K6730	UC511†	Car.	250000	II
K6705	D7*	WW	3000	VII	K6728	UC509*	Car.	250000	II
K6706	D12*	WW	3000	I	K6747	Y500MP	Car.	500000	IV
K6737	A5MP*	WW	5000	IV	K6680	N	Car.	500000	I
K6738	Y5MP	Car.	5000	IV	K6731	UC512†	Car.	500000	I
K6672	E*	WW	5000	II	K6795	UC515*	Car.	500000	I
K6707	E7*	WW	5000	VII	K6793	UC513	Car.	500000	II
K6708	E12*	Car.	5000	I	K6722	UC503	Car.	750000	II
K6673	F*	WW	7500	II	K6748	Y1000MP	Car.	1 Meg.	IV
K6709	F7*	WW	7500	VII	K6681	O	Car.	1 Meg.	I
K6710	F12*	Car.	7500	I	K6794	UC514†	Car.	1 Meg.	I
K6739	A10MP*	WW	10000	IV	K6682	P	Car.	2 Meg.	I
K6740	Y10MP	Car.	10000	IV	K6723	UC504	Car.	3 Meg.	I
K6674	G*	WW	10000	II	K6724	UC505	Car.	4 Meg.	I
K6711	G7*	WW	10000	VII	K6725	UC506	Car.	5 Meg.	I
K6712	G12*	Car.	10000	I	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. ‡—Has long, slotted shaft and special couplings, for auto sets.

Your Cost Each, Any of the above Controls **59¢**

UNIVERSAL TAPPED CONTROLS

These units service practically all sets using 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	50000	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				
K6579	TRP608	1 Meg.	200000	K6594	TRP621	2½ Meg.	1 Meg.
K6580	TRP609	1 Meg.	500000				
K6581	TRP610	1 Meg.	200000	K6595	TRP622	44000	50000
K6582	TRP611	1 Meg.	170000				
K6583	TRP612	2 Meg.	25000	K6596	TRP623	250000	14000
K6586	TRP613	2 Meg.	450000				

Your Cost Each, Any of the above Controls **88¢**

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 Res.	Rear Res.	Taper Front	Taper 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.	100000	100000	I	I
K6687	LM	Car.	100000	250000	I	I
K6749	MM	Car.	250000	250000	I	I
K6750	MN	Car.	250000	500000	I	I
K6689	NN	Car.	500000	500000	I	I

WW—Wire wound element. Car.—Carbon element.

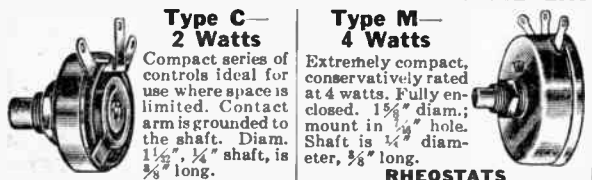
†—Slotted shaft for auto sets.

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 volume 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

No.	Ohms	No.	Ohms
K6498	1000	K6499	2000
K6500	3000	K6501	5000

POTENTIOMETERS

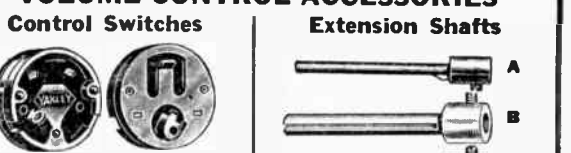
No.	Ohms	No.	Ohms
K6205	6	K6210	40
K6206	10	K6211	50
K6207	15	K6212	100
K6208	20	K6213	200
K6209	30	K6214	400

TYPE E—9-WATT POTENTIOMETERS

Similar to Type M, but larger. 2½" diameter. Arm grounded.

No.	Ohms	Each	No.	Ohms	Each	No.	Ohms	Each
K6188	5000	\$1.47	K6191	25000	\$1.62	K6194	100000	\$1.62
K6189	10000		K6192	50000		K6195	125000	
K6190	20000		K6193	75000		K6196	150000	

VOLUME CONTROL ACCESSORIES



Control Switches

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.	

Extension Shafts

Type A—Length 4".
 K6561—¼" diam., ¼" flat.
 K6562—¼" diam., ¼" flat.
 K6563—¾" diam., ¼" flat.

Mounting Brackets

For use where control mounts off the chassis. Plated metal.

K6297—Type RB-248. Mounting centers 1½" to 2¾".
 K6298—Type RB-249. Mounting centers 2¾" to 2¾".

Your Cost Each **12¢**

CONTROL HEX NUTS

For ¾" bushings.

No.	For Panels	Each
K6384	¾"	6c
K6386	½"	9c
K6385	¾"	12c

PLATES

Aluminum, numbers etched in white.

K6234—1 to 12
 K6233—0 to 100
 Your Cost Each **9¢**

We Will Not Knowingly Be Undersold

YAXLEY VOLUME CONTROLS

APPROVED RADIO PRODUCTS

Manufacturer and Models	Stock No.	Your Cost
ALL-AMERICAN MOHAWK		
D, DC, H, B80	K6614	\$1.47
60, 61, 62, 65, 66, 80, 83, 84, 85, 86, 88, 8T	K6690	.88
ATWATER KENT		
37, 38, 40, 40F, 41DC, 42, 42F, 43, 44, 45, 46, 47, 52, 53, 56, 57 (Strip Only)	K6656	.29
55, 55C, 55F, 60, 60C, 61, 61C, 66 (Strip Only)	K6657	.29
67, 67C, 228Q	K6678	.59
72 (H1, H2 Chassis)	K6605	1.47
80, 80F, 83, 83F, 90, 90F	K6672	.59
82, 82F, 86, 86F	K6733	.59
82Q (1st), 84, 84D, 84F (Early), 84Q, 89, 89F, 89P, 84, 84F (Late)	K6680	.59
87, 94, 94F	K6754	.88
92, 92F, 96, 96F, 99, 99F, 99P, 145, 155, 165, 185, 185A, 188, 188F, 165Q	K6680	.59
206, 217, 228, 275, 310, 315, 318, 325, 376	K6680	.59
246, 260, 260F, 266, 387, 424, 427, 427D, 448, 469	K6680	.59
510, 525, 534, 555, 558, 559	K6680	.59
612, 627, 636, 667, 708, 711, 756, 768, 808, 812, 825	K6715	.59
854, 944	K6680	.59
135Z, 215Z, 237Q, 285Q, 286, 305Z, 317, 325 (Early), 337, 415Q, 435 (Early), 437Q, 475, 545, 565Z, 649 (Early), 735, 768Q, 856, 976, 978Q	K6680	.59
112, 511, 810	K6577	.88
55, 55C (Late), 55F, 55FC (Late), 60, 60C (Late), 60, 60C (3rd type), 66, D1 (70, 74, 76), D2 (70, 74, 76), F (70, 74, 76), L1 (70, 74, 76), L2 (70, 74, 76), P (75), 87D, Q (70, 76)	K6604	1.47
	K6606	1.47
BELMONT RADIO		
401, 444	K6720	.59
580, 585, A, B, C, 670A	K6680	.59
578, 777 A, B	K6681	.59
404	K6543	.88
541, 544, 545, 555, 640, 755	K6580	.88
770A	K6582	.88
BOSCH		
28, 29	K6641	.88
48, 49 (Type 1)	K6686	1.47
48, 49 (Type 2)	K6688	1.47
58, 62DC	K6671	.59
BRUNSWICK		
11, 12, 16, 33 ("D" chassis below 25000)	K6765	.88
11A, 12A, 16A, 18, 33A ("D" chassis above 25000), 17, 24, 25AC	K6766	1.18
14DC, 21DC, 31DC	K6672	.59
14, 21 (AC)	K6676	.59
CLARION		
90, 91, 92, 94, 95, AC94, C-94 AC-160, 25-C, 160	K6668	.59
40, 100, 220	K6669	.59
84, 85, 320	K6672	.59
84, 85, 91, 92, 75	K6674	.59
Junior, 60, 60Jr., AC-60, 25-C, 60, 61, 63, 55	K6676	.59
422, 423, 425, 440	K6676	.59
300, 420, 450	K6680	.59
260, 340, 470, 472, 480, 280, AR-100 Auto.	K6681	.59
COLONIAL		
250, 279, 300, 301, 500, 250AC, 279AC, 300AC, 301AC	K6671	.59
44, 50, 46, 47, 48, 73, 76, T-345, C-399, T-397, C-495, 52, 96, 99, 100, 62, 62E, 136, 96, 91, 92, 75	K6675	.59
700AC, 702	K6680	.59
71	K6666	.59
36, 38, 114, 117 (Hum)	K6597	.88
164, 164B, 182	K6674	.88
CROSLEY RADIO CORP.		
De Luxe Fiver	K6680	.59
5M3, 124, 125, 133, 135, 141, 147, 148, 155	K6707	.59
50-5H1, 50B-5H1, 61-6H2, 61-LB, 6H2	K6723	.59
95 (Roamio), 96 (Auto)	K6723	.59
51S, 60, 75	K6662	.59
99 (Tone), 127-1 (Tone), 129, 129-1 (Tone), 132-1 (Tone)	K6718	.59

PRICES DO NOT INCLUDE SWITCH Switches listed on page 138

The listing on this and the following page, when used in conjunction with the Universal volume controls listed on page 139, permits the serviceman to service practically any radio receiver in use today. For best results, use Yaxley controls.

Manufacturer and Models	Stock No.	Your Cost
CROSLEY (Con't)		
120	K6711	\$0.59
129	K6709	.59
159, 163, 166, 167, 172, 169, (Revised), 174, 176	K6707	.59
136-1, 146, 157, 158, 160, 164, 168, 170, 171, 179, 180, 181, 182, 1014 (ALL Tone controls)	K6718	.59
146-1, 150 (Tone), 157, 158, 160, 164, 168, 175, 179, 180	K6723	.59
173, 173-5	K6680	.59
41, 41A, 42, 608AC, 609, 704, 704A, 704B, 705, 706	K6693	.88
132-1, 136-1	K6757	1.47
27, 58, 53, 54, 55, 56, 57, 58, 59AC, 77-1	K6585	.88
5V2, 8B3, 6H3, 614, 534, 635, 714, 715, 725, 855	K6681	.59
431	K6748	.59
408, 41S, 42S, 82S	K6608	1.47
525, 555, 526, 916, 955, 1016, 1155, 5525, 5555, 6625, 629 (666), 634 (666), 644 (5666), 649 (5656), 1026	K6607	1.47
DE-WALD		
51, BAH, BAG, BAC	K6673	.59
40, 41, 50, BLG	K6673	.59
DC727, 724-1, 55R, 171-2, AC524, 60, 55, 54AC-DC, 54, 56	K6674	.59
58, KAF, KAD	K6675	.59
80, 100, 61 Auto, 52 Auto, 403-4 (Type 2), 425R, 440, 505F, 505R, 506R	K6680	.59
EMERSON RADIO		
32, 38, 42, 49, 103 (F5), 106, 107, 111, 108, 110	K6680	.59
19 (UV4)	K6715	.59
34C, 101, C6, D6	K6679	.59
36 (B5)	K6708	.59
39, 59 (D-S5)	K6750	1.47
40, 71, 77, 375, 375LW, 770	K6681	.59
EVEREADY		
52, 53, 54 (early)	K6751	1.47
52, 53, 54 (late)	K6761	1.47
FADA RADIO		
10, 10Z, 11, 11Z, 16, 16Z, 30, 30Z, 32, 32Z (Early), 50, 50Z, 70, 70Z, 71, 72, 45 (KU)	K6770	.88
48, 49 (KW)	K6673	.59
41, 42, 44, 46, 47	K6680	.59
43, 73, 75 (RE), 74, 76 (RA)	K6681	.59
761, 762, 764, 766, 767	K6752	1.47
GENERAL ELECTRIC		
A64, A67, A70, A75	K6545	.88
A82, A87	K6601	1.47
B-40	K6767	.88
C-41	K6798	.88
E52	K6635	.88
J70, J75, S22, S22X, S22D, S42, S42D, SZ42F	K6621	.88
J80, J85, JZ835, K62, K82, KZ62P, S182	K6636	.88
J109 (Phono)	K6545	.88
C60, K64, K64D, K66, K66M, K80, K80X, K85, K88, K88X, M50, M51, M52, M55, M56, M51, M62, M65, M66, M67, M68, M69, M81, M85, M86, M89, M106, M107	K6545	.88
C67, K60, K60P, K63, K65, K65P, K78, K79, M63	K6578	.88
J125A	K6543	.88
K105, K106, K106P, K107, K126, M125, M128, M128R, M129	K6595	.88
T41	K6694	1.47
K78, K79 (Phono)	K6580	.88
H31, H51, H71	K6672	.59
H91, H91R	K6677	.59

Manufacturer and Models	Stock No.	Your Cost
GENERAL HOUSEHOLD UTIL.		
470 (4C)	K6709	\$0.59
501, 520, 530, 550 (5B)	K6680	.59
1151, 1152 (11A, 11B), Tone	K6680	.59
570, 571 (5D), 821 (8B), 1151, 1152 (11A, 11B)	K6681	.59
GENERAL MOTORS		
110, 120, 130, 140 between serial No. 29100A and 62100A, 180, 190	K6609	1.47
120, 130, 140 below serial No. 29100A	K6610	1.47
GRAYBAR ELECTRIC CO.		
600	K6668	.59
331	K6670	.59
700, 770, 900	K6672	.59
GB8, GB8A, GC13, GG15, GT7	K6621	.88
GB9, GB989, GC14, GT8	K6636	.88
GB310, GB311, GB320	K6629	.88
GB330, GB340	K6623	.88
GB500, GB550	K6627	.88
GB600	K6624	.88
GB678	K6694	.88
GRIGSBY-GRUNOW (MAJESTIC)		
50, 51, 52	K6753	1.47
55, 55, 66, 75, 77, 85, 86 (800), 95 (520), 105 (520), 195 (500), 211, 214, 215 (210)	K6679	.59
90, 91, 92, 93 (90, 90B)	K6717	.59
90, 91, 92, 93 Equalizer	K6697	.88
71, 72 (70, 70B)	K6712	.59
151, 153, 154, 155, 156 (15, 15B, 150)	K6713	.59
211, 214, 215 (210), 221, 223 (220), 303, 304, 307 (300, 300A), 311, 314, 315	K6679	.59
121, 123 (120, 120B)	K6685	1.47
201, 203, 204 (200)	K6680	.59
252, 253, 254 (25)	K6673	.59
251B, 253B, 254B (25-B)	K6710	.59
320, 330, 340, 360, 390, 460, 490, 500, 570, 600, 998	K6679	.59
381 (Treasure Chest)	K6716	.59
411, 411A, 413, 413A	K6715	.59
40, 49, 194 (Ch. 440)	K6709	.59
GRUNOW		
5G (580, 581), 6G (680, 681), 6J (640, 641)	K6546	.88
6A Early (650, 651), 6C Early (660, 661, 662), 7A (700, 701), 7B (750, 751, 752, 753), 9A Early (901, 902 revised)	K6581	.88
HALSON RADIO		
515, 515SW, 516, Dual Range (LW and BR), 20B, 615DC, 610	K6674	.59
NS50, 20A-AC-DC	K6674	.59
NS40 AC-DC	K6679	.59
Roadmaster Auto.	K6682	.59
45, 52, 54, 530, 535, 580	K6585	.88
INTERNATIONAL (KADETTE)		
CS, J, TS, T	K6673	.59
K40, Regal (M), KS, JS	K6673	.59
AW55	K6675	.59
AB, JS Kadette	K6679	.59
F Kadette Jr. (Types 1, 2)	K6682	.59
F Kadette Jr. (Types 3, 4)	K6681	.59
76, 676	K6585	.88
KOLSTER		
K63, K66, K73, K76, K83, K86, K93, K96, K103	K6758	1.47
MONTGOMERY WARD		
AE10, 2655	K6762	1.47
7GM, 62-185, 62-187, 62-190, 62-196	K6611	1.47
62-179, 62-194, 62-206, 62-216, 62-218	K6612	1.47
62-86, 62-86X (Supp.)	K6613	1.47
62-25	K6700	1.47
62-20, 62-20X, 62-25	K6599	.88
62-53, 62-71, 62-74, 62-74X	K6598	.88
62-128	K6544	.88
77, 95, 62-120, 62-122, 62-126, 62-128	K6542	.88
62-360, 62-367	K6542	.88
62-178, 62-181, 62-189, 62-211	K6590	.88
MOTOROLA (GALVIN)		
44, 55, 77, 77A	K6600	.88
88	K6680	.59

YAXLEY VOLUME CONTROLS

APPROVED RADIO PRODUCTS

Manufacturer and Models	Stock No.	Your Cost
NOBLITT-SPARKS (ARVIN)		
7, 17, 27, 37	K6731	\$0.59
51, 61, 62, 61M, 62M, 81M	K6680	.59
61M, 62M Tone	K6678	.59
41	K6712	.59
10A (2 Types), 15, 16, 20A (2 Types), 20B, 25, 30A (3 Types), 35 (2 Types), 45 (2 Types)	K6798	.88

Manufacturer and Models	Stock No.	Your Cost
PHILCO		
20, 20A, 21, 41DC, 42DC, 70, 70A (below #B22000), 77, 77A, 90, 90A (2-45's), 220, 220A, 270, 270A, 470, 470A, 570 (below B22000)	K6683	1.47
CT11 (Chrysler), FT9 (Ford), G1418, G1436, LT14X3, LT14X4, MT14X4 (Pierce Arrow), NT12X, NT12X2, NT15 (Nash), N1418, N1433, P1417, P1430, P1432H, PT14 (Packard), RT14X (Reo DeLuxe), SI431, ST12 (Studebaker), ST15 (Studebaker)	K6789	1.47

Manufacturer and Models	Stock No.	Your Cost
AC989 (Nash), C (Nash), AC989, D (Nash), E- (10) Pierce Arrow, ME (Pierce Arrow), 10 Transstone	K6545	.88
17 (Early), 17 (Code 121), 17, 17A (Code 122 and 123), 19 (Code 128)	K6546	.88
AC206 (Code 122) Studebaker, AC266 (ST3) Studebaker DeLuxe, D (Code 122), H (Code 122), MT3 (Pierce Arrow DeLuxe), PHD, PHXD, RT3 (Reo DeLuxe), T3, T7, T8 (Nash), 10 (Code 122) C (Studebaker), E (Pierce Arrow), 14 (Codes 121, 122)	K6547	.88

Manufacturer and Models	Stock No.	Your Cost
14 (123), 14 (126-226), 15 (Early 223), 15 (Late 18), 18 (Codes 121, 122), 18 (124), 28, 29, 29 (Code 123TX), 45, 49 (DC), 91 (126-226), 118, 118 (Code 123RX), 144, 508, 506, 507, 800 (Code 122), 802, 806...	K6547	.88
37-604	K6578	.88
620, 620 (Code 121), 625, 630, 630 (121), 635, 635 (Code 124), 640 (Code 121), 640X (Code 122), 645...	K6579	.88
645	K6582	.88
808	K6586	.88
116X (Code 122), 645, 650, 655, 660, 665, 665 (122)	K6586	.88

Manufacturer and Models	Stock No.	Your Cost
C6 (Chrysler), CT2, CT5, CT2 (Chrysler DeLuxe), CT5 (Chrysler Airflow DeLuxe), CV and CV (Chrysler), CZ (CT2, CT5), DU (Dodge)	K6587	.88
FT6, G (Code 122), N (Ford Center Control), P1 (Plymouth), PT5 (120) (Packard DeLuxe), SE (DeSoto), SF, SG (DeSoto), T2, T5, T6, 16 (Codes 121, 122, 123), 16 (Late), 17 (Code 121), 17, 17A (Codes 122, 123), 116B (Code 121), 500, 501	K6591	.88
200X, 201, 509X	K6592	.88
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 (Code 121 and 122)	K6593	.88

Manufacturer and Models	Stock No.	Your Cost
96A, 504, 505, 610, 700, 800, 1200 (Series), 1289AC	K6680	.59
70, 70A (2nd Type), 71	K6681	.59
38, 53, 57, 59, 80, 81, 84	K6715	.59
50, 50A, 65	K6735	.59
51, 51A, 62	K6706	.59
90, 90A (1-47)	K6680	.59
90, 90A (2-47's)	K6681	.59
91 (121, 122)	K6681	.59
39, 391, 97	K6679	.59
610, 611, 623	K6680	.59

Manufacturer and Models	Stock No.	Your Cost
RCA-VICTOR		
R32, RE45, R52, RE75	K6698	1.47
R14, R15, RE17, R42, R48	K6694	1.47
R35, R39, RE57, RE78	K6773	1.47
R4, R6, R7, R7A, R7A DC, R8, R9, R10, RE16, RE16A, 25	K6621	.88

MALLORY-YAXLEY ENCYCLOPEDIA
 Refer to page 34 for listing of the new Mallory-Yaxley serviceman's encyclopedia. Every serviceman, set builder and experimenter can make good use of this complete data-book. Contains detailed information on all radio receiver circuits; shows diagrams, etc., etc.

Manufacturer and Models	Stock No.	Your Cost
RCA-VICTOR (Cont.)		
60, 62	K6623	\$0.88
66	K6624	.88
64, 67, 9-18, 9-54	K6626	.88
18, 18DC, 33AC, 41AC, 41DC, 51AC, 51DC, 50	K6629	.88
RE16, RE16A, RE18, RE18A, RE19 (AVC), RE20, RAE26, CE-29, R35, R39, R47, RE57, RAE59, 67, RAE68, RE73, 86, Phono Control	K6635	.88
R8, 10, 11, 12, RE18, RE18A, RE19, R21, R023, RAE26	K6636	.88
AR4229, M105, M34	K6798	.88

Manufacturer and Models	Stock No.	Your Cost
5M, T-5-2, M107, 117, 118, 119, 121, 122, 125, 127, 128, 128E, ACR136, 140, 141, 141E, 143, 211, 214, 220, 221, 222, 224, 224E, 225, 226, 240, 242, 243, 262, 263, 320, 321, 322, 322E, 327, 340, 340E, 341, 342	K6545	.88
R78 (with noise suppressor), RAE84	K6543	.88
R37, R37P, R38, R38P, 120, 124, 223, 330, 331	K6578	.88
6M, 6M2	K6579	.88
330, 331 (Phono)	K6580	.88
R71B	K6582	.88
5T, 6K, 6K2, 6T, 6T2, C6-2, C6-3, T6-1, T6-7, 7K, 7T, 7U, 7X, C7-6, C7-14, D7-7, T7-5, T7-12, 8K, 8T, 8U, C8-15, C8-17, C8-19, C8-20, D8-28, T8-1, T8-16, T8-18, C9-4, C9-6, D9-19, T9-9	K6586	.88
9K, 9K2, 9T, 10K, 10T, T10-1, T10-3, C11-1, D11-2, T11-8, C13-2	K6594	.88

Manufacturer and Models	Stock No.	Your Cost
C15-3, D22-1, R90, R90P, 260, 261, 280, 281, 380, 380HR, 381	K6595	.88
17M, 18W	K6745	.59
C11-1, D11-2 (Treble), T10-1, T10-3 Tone	K6680	.59
R28, R28P, R28BW, R28BWC	K6736	.59
M32, A-73A, R75 (2A5)	K6682	.59
RE40, RE40P	K6736	.59
R71, R72	K6747	.59
74, 76, 77, RE81, 300	K6677	.59
R75 (47), RE80	K6737	.59
80, 82, 86	K6672	.59
100, 101, 301, 310, 110, 111, 115, 210	K6671	.59
R7, R9, RE20, R50, R55, RAE59, R70, RAE79 (Tone)	K6680	.59
RE18A Tone	K6745	.59
T4-8, T4-9, 103	K6672	.59

Manufacturer and Models	Stock No.	Your Cost
SEARS ROEBUCK (Silvertone)		
1800, 7106, 7111X, 7112, 7114, 7121	K6585	.88
1705, 1729	K6580	.88
1715, 1720, 1721, 1722, 1722 (Revised), 1722X, 1725, 1726X, 1732, 1732 (Revised), 1732X	K6603	1.47
7065	K6602	1.47
1700, 1762	K6671	.59
1430, 1370, 1390, 1400, 1402, 1404, 1406, 1580, 1582, 1584, 1590, 1592	K6675	.59
1703, 1764	K6679	.59
1708, 1709, 1706, 1707, 7075, 7076, 7077, 7078, 7091, 7092, 7093, 7094, 1704, 7070, 7071, 7072, 7073, 7074	K6680	.59
C	K6661	.59
E, F	K6662	.59

Manufacturer and Models	Stock No.	Your Cost
SPARTON		
12	K6614	1.47
400, 410AC (Jr.), 410DC, 420AC (Jewell), 420DC, 9A, AC62, AC63, 69, 79, 79A, 89, 89A, 99, 101, 109 DeLuxe, 110, 111, 301AC, 301DC, 930, 931AC, 931DC, AC7	K6700	1.47
	K6699	.88

Manufacturer and Models	Stock No.	Your Cost
SPARTON (Cont.)		
589, 591, 593, 9-30	K6699	\$0.88
30, 30A, 30B (Phono)	K6790	.88
103, 111A, 235, 564, 564DC, 570, 570DC, 574, 578, 600, 600DC, 610, 610DC, 620, 620DC, 737, 740, 740DC, 750, 750DC, 870	K6774	.88
616, 616X, 666, 666X	K6681	.59
655, 716, 716X, 766, 766X, 766XP, 766XS	K6679	.59

Manufacturer and Models	Stock No.	Your Cost
STEWART-WARNER		
R100A, B, E, 950 (AC) Series, R126, R126A, R126P, R126X (1261-1269)	K6701	.88
R142A, R142AS (1421-1429), R149 (1491-1499)	K6577	.88
R101A, B	K6585	.88
R102A, B, E	K6579	.88
R104A, B, E	K6711	.59
R123 (1231-1239)	K6680	.59
108, 108X	K6709	.59
R120A, 1201, 1209, 112, 1121, R112 Auto	K6679	.59
116, R119, R110, R111, R115	K6680	.59

Manufacturer and Models	Stock No.	Your Cost
STROMBERG-CARLSON		
150	K6582	.88
638 (Rear Control)	K6797	.88
641, 642, 652, 654, 846, 848, (Rear Control)	K6651	.88
641, 642, 652, 654 (Front)	K6653	.88
635, 636 (Rear Control)	K6652	.88
635, 636, 638 (Front)	K6654	.88
846, 848 (Front Control)	K6655	.88
29 (Vol. and Tone)	K6680	.59
37	K6749	1.47
38, 39, 40, 41	K6749	1.47
37, 38, 39, 40, 41 (Tone)	K6722	.59
48, 49, 50, 51	K6541	1.47
60, 64	K6682	.59
68	K6674	.59
58	K6681	.59
62, 62B, 63, 63B	K6682	.59

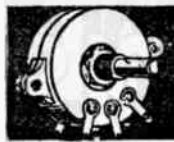
Manufacturer and Models	Stock No.	Your Cost
UNITED MOTOR SERVICE		
980525 (Buick), 980526 (Buick), 980529 (Buick), 980534-5 (Buick), 985301 (Chevrolet)	K6579	.59
4048	K6676	.59
4036, BOP, 4037, 4038	K6680	.59
4049, 4050, 32 Volt	K6680	.59

Manufacturer and Models	Stock No.	Your Cost
WELLS-GARDNER		
ODM, 2CM	K6612	1.47
5E Series (25E1, 25E5)	K6544	.88
5G Series (35G510, 35G560)	K6590	.88
7GM Series (37G508, 37G566), 7K	K6611	1.47
9 in line, 90, 91, 92, 93, 200, 291, 292, 295	K6760	1.47
50, 572, 872	K6598	.88
60, 63, 161, 162	K6542	.88
C, C G (1st and 2nd types)	K6762	1.47

Manufacturer and Models	Stock No.	Your Cost
WESTINGHOUSE		
WR5, WR6, WR7, WR8	K6672	.59
WR4	K6694	1.47

Manufacturer and Models	Stock No.	Your Cost
ZENITH		
50, 60, 70 Series (Dual)	K6619	1.47
50, 60, 70 Series (Single)	K6584	.88
91, 92, (Type 1)	K6737	.59
230 240, 245	K6680	.59
410, 411, 420, 430, 440	K6577	.88
460, 462, 474, 475, 476B, 500, 501, 503, 514, 515, 516, 600, 604, 606, 610, 616, 618	K6680	.59
701, 702, 715, 755, 756, 760, 765, 767, 770B, 775B	K6680	.59
10, 11, 12, 15, 16, 52, 53, 54, 60, 61, 62, 64, 67, 41, 42, 80, 102, 112, 122, 422, 563DC	K6584	.88
811, 862, 865, 866, S-829, 870, S-870, S-871, 908, 909, 960, 961, S-908, S-909, S-961, 945, 950, 1117, 1162, 1167, 1170, 4V31, 4V59, 6V27, 6V62	K6679	.59
220, 250, 260, 272	K6674	.59
4P26, 4T26, 4P51, 4T51	K6671	.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
730, 735	K6544	.88

We Will Not Knowingly Be Undersold



Centralab

CENTRAL RADIO LABORATORIES

REPLACEMENT

Manufacturer and Model Numbers Stock No. Your Cost

ALL AMERICAN MOHAWK

714, 742.....	K8931	\$0.59
D.....	K8673*	1.76
D-L, H Series.....	K8912*	1.47
K.....	K8863	.59

ATWATER KENT

37, 38, 40, 41, 42, 43, 44, 45, 46, 47, 52, 53, 56, 57.....	K8870*	.59
55, 55C, 55F, 55FC, 60, 60C (Late), 66.....	K8658*	1.76
55, 55C, 55F, 55FC, 60, 60C (Early), 61, 61DC.....	K8659*	1.76
60, 60C, 70 (D & L-chassis) 74 (D & L-chassis), 76 (D, L & P-chassis), 87D (F-chassis).....	K8657*	1.76
67, 67C.....	K8862	.59
70, 76 (Q chassis).....	K8902*	1.18
72 (H chassis).....	K8905*	1.47
80, 80F, 83, 83F, 90, 90F.....	K8674*	1.18
82D, 89, 89P, 92, 92F, 96, 96F, 99, 99F, 99P, 135Z, 137, 145, E145, E145X, 155, 165 (1st and 2nd types) 168, 185, 185A, 188, 188F.....	K8863	.59
200, 206, 206D, E206, E206X, E208, E208X, 215Z, P216, P216X.....	K8863	.59
217, 217D, 225, 228, 228F, 228D, 236, 237Q, 246, E248, E248X, 257, 260, 260F, 266 (2nd type), 275 (1st type), 286, 305Z.....	K8863	.59
E308, 810, 812, E312, 317, 318, 325, 328 (early), P336, P336X, 337, 349, 356.....	K8863	.59
376, 376D, E412, E412X, P412, P412X, 425, 427, 427D, 435, 447, 448, 456, 467Q, 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.....	K8863	.59
710, P710, 711, 717, 725, P725, P725X, 725X, 735, P755, E765, E765X, 776, 788, 808, 808A, 812, 825 (AC-DC), 828, 856 (Early), E865, P875, 976 (Early).....	K8863	.59
82Q (below #2,550,940), 84, 84D, 84F, 84Q, 8585F (Early), 273D, 285Q, 415Q, 424, 469Q, 486Q, 509, 534, 558Q, 667Q, 747Q, 768Q, 978Q.....	K8863	.59
112, 810, 511.....	K8861	.59
255.....	K8882	.59

BELMONT

40, 41, 50, 60, 70 Series, 444.....	K8843	.59
50F Series, 420, 425, 430, 440, 575, 600 (Early).....	K8840	.59
650, 650, 670, 670A, 675, 775, 770, 778 Series A, 879.....	K8863	.59
525, 550, 580, 585 Series D, 600 (Late), 625, 601-B.....	K8882	.59
879.....	K8863	.59
	K8759*	1.18

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, 605C, 610.....	K8863	.59
54, 56.....	K8913*	1.47
910A, 312, 313, 350, 352, 355, 360, 361, 364, 370, 386, 420, 421, 440, 441, 444, 460, 480, 461, 462, 464, 470, 471, 474, 481, 484, 576, 585, 601, 602, 670, 812.....	K8863	.59
524, 536 (with switch), 565, 634.....	K8776*	1.18
536 (no switch), 636, 637.....	K8782*	.86
736, 737, 738, 838.....	K8784*	.88

COLONIAL

1-SG, 32AC.....	K8786*	1.47
44, 47, 48, 50.....	K8843	.59
222, 236, 238, 242, 601, 602, 603, 604, 656.....	K8863	.59

The revised listing of Centralab volume controls on this and the following page has been made as comprehensive as space permits. However, if the control you require is not shown, if the control you require is not shown, you may order it by specifying the CRL part number (see note on free guide book on next page) and we will ship with little delay.

NOTE: All CRL controls priced at 59c. do not include a switch. If original control requires a switch, a switch coverplate must be added (switches listed on page 138).

All controls having stock number followed by an ASTERISK (*) exactly duplicate the manufacturers original unit.

Manufacturer and Model Numbers Stock No. Your Cost

COLONIAL (Cont.)

250, 300, 501, 501AC, 605, 650, 655, 657, 658, 662, 700, 701, 702.....	K8863	\$0.59
279, 300AC, 301, 500A, B, 654.....	K8866	.59

CROSLEY

4-C-1, M-5-3, 141, 146-1, 147, 148, 155, 159, 163, 167, 176, 184, 5536.....	K8868	.59
5-A-3, 5-V-2, DeLuxe River, 102, 103, 173, 173-5, 182, 615.....	K8863	.59
5-II-1, 7-V-2, 8-B-3, 8-H-1, 50, 50LB, 119, 131-1, 134, 146, 146-1, 157, 158, 164, 168, 168-D, 170, 171, 181, 622, 6-V-2, 60LB.....	K8696	.59
6-D-6-2, 6-H-2, 6-H-3, A-156, 162-1, A166, 605, 616, 636, 646, 714, 725, Viking, 815, 855, 865, 915, 1014, Centurian, 1055 Constitution, 6615.....	K8874	.59
6-B-1, 6-H-3, 8-B-3, 8-AF, 134, 134-1, 175, 182, 614, 715 Corsair, 814.....	K8863	.59
27, 28, 30, 31, 32, 33, 34, 40S, 41S, 42S, 82S, 315.....	K8851*	.88
41A, 42, 61, 602, 608, 609, 610, 704, 705, 706.....	K8785*	.88
124, 125.....	K8677*	1.18
132-1.....	K8787	1.47
154, 172, 174, 176, 435.....	K8871	.59
169, 425, 515 Fiver, 516, 545, 546, 5516, 6516.....	K8843	.59
635 Buccaneer, 645, 655 Olympia.....	K8874	.59

DE WALD

40, 51, 503, 504, 609 (Late), 611, 611LW, 630, BAC, BAG, BAH.....	K8843	.59
41, 42, 42R, 50, 55R, 55X, 56, 58R, 58L, 59, 403-4 (2nd type), 425R, 440, 500A, 501, 553-4-S, BLG.....	K8871	.59
60X, 403, 403-4 (1st type), 430, 506R, 518, 570.....	K8860	.59
805, 805A, 805C, 811A, 1100.....	K8663	.59

EMERSON

C5, F5, K5, LLW, 107AC, 114, 117, F117, 117LW, L117, L117LW, L122, L122LW, F122, B131, L133, L133LW, F133, L135, L135LW, F135, L141, L141LW, F141, B Chassis, F Chassis, L Chassis.....	K8879	.59
F5 (d.p.d.t. switch), U68, 101U, 103 (d.p.d.t. switch), E128, H-130 (d.p.d.t. switch), C134, C136, C138, C139, C140, C142, C, E, H Chassis (d.p.d.t. switch).....	K8863	.59
H5, 5J, 26, 28, 30, 33, 250AW, 250LW, 300AW, 300LW, 321AW, 321LW, 350AW, 409, 410, 411, 415, 416, 420.....	K8877	.59
U5S, U6, U6B, U6F, U6A, 32, 35, 38, 42, 49, 106, J106, 107, 107LW, 108LW, 110LW, 111, 111LW, 119, A130, A132, A Chassis, J Chassis.....	K8863	.59
A8, 8B, A111, 102, 102LW, 104, 104LW, 105, 112.....	K8882	.59

Manufacturer and Model Numbers Stock No. Your Cost

EMERSON (Cont.)

D134, D136, D138, D139, D140, D142, D146, D Chassis.....	K8881	\$0.59
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EVEREADY (National Carbon)

1, 2, 3.....	K8849*	.82
50 Series.....	K8892*	1.47

FADA RADIO

41, 42, 44, 46, 47, 81, 84.....	K8874	.59
48, 49KW, 150, 167, 168, 1462, 1463.....	K8863	.59
66, 73, 74, 76, 83, 85, 88, 89, 160, 170, 272, 273, 280, 281, KY, NA, NE, NF, RN, RS, RU, RW, RX, RY.....	K8874	.59
126, 127, 128.....	K8874	.59
211, 290, 291, 811.....	M8882	.59
270, 271.....	K8874	.59

GENERAL ELECTRIC

B1, B2.....	K8850*	.88
S22, S22X, S22D, S42, S42D, S424, J70, J75.....	K8868	.59
H31, H51, H51R, H71, H71R T-41.....	K8867	.59
S42B, C62, B81, B86, A90, JZ822, JZ822A, MDO-2530, K48.....	K8905*	1.47
D50, D51, D52, D72.....	K8861	.59
K50, K50P, K51P, K54P, K55, K58.....	K8757*	1.18
L50, L51, L52, L53, A53.....	K8866	.59
M50, M51, M51A, M52, M65, M56, C60, M62, M655.....	K8868	.59
K52, K53, K53N.....	K8691*	1.18
K60, K60P, K63, M63, K65, K65P, C67, K78, K79.....	K8866	.59
N60.....	K8690*	.88
E61, E62, E68, E71, E72, E76, S81, E86, E91, E95, E101, E105, E106.....	K8790*	1.18
M61, M66, M67, M69, M81, M85, M86, M89.....	K8756*	1.18
K62, KZ62P, J80, K82, J85, S132, JZ835.....	K8791*	.88
A64, K64, K64D, M65, K66, K66M, A67, M68, A70, A75, K80, K80X, K85, K88, K88X.....	K8693*	.88
H72, J86, H91, H91R, J100, J105, J107.....	K8779*	.88
A82, A86, A87.....	K8875	.59
A83, A85.....	K8813*	1.47
K105, K106, K106P, K107, K126, M128, M128R, M129.....	K8783*	.88
M106, M107.....	K8692*	1.18
A125.....	K8811*	.83
J125A.....	K8814*	1.47
J125.....	K8792*	.88
M125.....	K8815*	1.47
	K8806*	.88

GENERAL MOTORS

120, 130, 140, 150 (Chassis A below Serial #29100A, Chassis B below Serial #1700B).....	K8899*	1.47
120, 130, 140, 150 (Chassis A between #29100A and 62100A; Chassis B between #1700B and 1964B), Little General.....	K8818*	1.47
120, 130, 140, 150 (Chassis A above #62100A; Chassis B above #1964B).....	K8822*	1.47

GRUNOW (General Household)

4A Chassis, 450, 451.....	K8871	.59
5B, 8B, 9C, 11A, 11B Chassis, 500, 570, 571, 921, 1151, 1152.....	K8874	.59
5E, Chassis 501, 520, 530, 550, 560.....	K8863	.59
5G, 6G, 6J Chassis, 580, 581, 640, 641, 680, 681.....	K8698*	1.18
6A, 6C, 6F Chassis, 650, 651, 660, 661, 662.....	K8688*	1.18
6D, 7A, 8D, 12B, 12W Chassis, 670, 671, 690, 700, 701, 861, 1291, 1297.....	K8882	.59
6HB, 7DB Chassis, 620, 621, 720, 721.....	K8676*	1.18
7B, 7E Chassis, 750, 751, 752, 753.....	K8689*	1.18
7C Chassis, 760, 761.....	K8874	.59

Volume Controls



FREE

The new Centralab 1937 Volume Control Guide is now available to the trade—it's complete, up-to-the-minute and full of valuable technical information. 168 pages in all, consisting of a complete listing of all standard manufacturers type replacement controls, a complete list of universal replacement controls, a complete detailed description of volume control circuits, sound projection controls, etc., etc. You can't afford to be without it. **FREE** with orders for 5 or more CRL controls.

Manufacturer and Model Numbers	Stock No.	Your Cost
GRUNOW (Cont.)		
8A, 9A Chassis, 901, 902.....	K8695*	\$1.18
8E, 15W Chassis, 760, 761, 871, 1541.....	K8882	.59

Manufacturer and Model Numbers	Stock No.	Your Cost
MAJESTIC		
15, 15B, 55, 56, 58, 150, 151, 153, 154, 155, 156.....	K8797*	1.18
25, 251, 253, 254 (Early).....	K8799*	1.18
25B, 35, 251B, 253B, 351, 353, 60, 61, 62, 160, 163.....	K8675*	1.18
65, 66, 75, 76, 85, 86, 650, 750, 850.....	K8874	.59
70, 70B, 71, 72.....	K8972*	.88
77, 280, 291, 293, 294, 30, 300A, 303, 304, 307, 310A, 310B, 311, 314, 315, 320, 321, 330, 331, 336.....	K8824*	.88
90, 90B, 91, 92, 93.....	K8767*	.88
370, 371, 373.....	K8678*	1.18
440.....	K8654*	1.18
460.....	K8655*	.88
1050.....	K8882	.59

Manufacturer and Model Numbers	Stock No.	Your Cost
MONTGOMERY-WARD (Airline)		
AE-10.....	K8894*	1.47
13, 15, 16, 16X, 17, 18, 18X.....	K8871	.59
62-16, 62-PC-65, 62-PC-64, 62-PC-68, 62-89, 62-103, 62-105.....	K8874	.59
62-38, 62-40, 62-50, 62-91, 62-93, 62-114, 62-116, 62-233.....	K8874	.59
62-166, 62-202.....	K8790*	1.18
62-179, 62-194, 62-206, 62-216, 62-218.....	K8672*	1.76
62-185, 62-186, 62-187, 62-190, 62-196.....	K8671*	1.76
62-197, 197.....	K8836*	1.76
62-313 (Tone).....	K8778*	1.18
62-313 (Volume).....	K8760*	1.18

Manufacturer and Model Numbers	Stock No.	Your Cost
MOTOROLA		
7 Tube DeLuxe.....	K8862	.59
9 Tube DeLuxe.....	K8877	.59
50, 100 (2 types), 110.....	K8761*	1.18
57, 62.....	K8763*	1.18
60, 70, 75, 79, 80 Golden Voice.....	K8762*	1.18

Manufacturer and Model Numbers	Stock No.	Your Cost
PHILCO RADIO		
CT-2 Chrysler, CTS De Soto and Chrysler, C6, PTF6 Ford, CZ Chrysler, DU, Dodge, G (Code 122) Dodge, Chrysler, Hupmobile, N, PJ Plymouth Car Radio.....	K8837*	1.18
MT-3 Pierce Arrow, Rt-3 Reo, AC266 Studebaker, 800 (Code 122) 802, D (122), Nash, H (Code 122) Hupmobile, PHD, PHXD, Packard Car Radio.....	K8650*	1.18
5, 6, 7, 8, 9, 12, 624, PA, PB Packard (use d.p.s.t. switch).....	K8863	.59
10, AC206 Studebaker, CNash, D Nash, ME Pierce Arrow.....	K8771*	1.18
11, AC236 Studebaker, 700, 800, H Hupmobile, J Nash, R Hupmobile.....	K8764*	1.18
14, 15 (Late), 18 (Code 124), 91 (Late).....	K8796*	.88
643.....	K8844*	1.18
805 Car Radio.....	K8830*	.88
806 Car Radio.....	K8810*	.88
808 Car Radio.....	K8809*	.88
809, 810 Car Radio.....	K8834*	.88
818, 819 Car Radio.....	K8780*	.88

Manufacturer and Model Numbers	Stock No.	Your Cost
RCA-VICTOR		
T-4-10, R17M, R18W, R27, 102.....	K8694	.59
121, 122, 127, 140, 141, 141E, 220, 221, 222, 240, 320, 321, 327, 340, 340E.....	K8779*	.88
R4, R6, R7, R7A, R7DC, R7LW, R9, R9DC, RE16, RE16A.....	K8868	.59
T-4-8, T-4-9, 100, 101, 103, 301, 6-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, 7-T, 7-K, 7-U, 7-X, C-8-15, C-8-19, C-8-20.....	K8798*	.88

Manufacturer and Model Numbers

RCA-VICTOR (Con't.)

Manufacturer and Model Numbers	Stock No.	Your Cost
20, 8-K, 8-T, T-8-14, T-8-19, C-9-4, D-9-19, T-9-10.....	K8798*	\$0.88
T-5-2, M-10-107, 117, 118, 119, 125, 211, 214, 255.....	K8691*	1.18
R8, R10, R11, R12, RE18, RE18A, RE19, R21, RD-23, RAE-26.....	K8693*	.88
9K, 9K2, 9T, 10K, 10T, T10, T-10-3, C11, C11-3, D-11-2, C-13-2.....	K8800*	.88
R14, R35, R39, RE57, RE73, R15, RE17, R42, R48.....	K8904*	1.18
C-15-3, C-15-4, D-22-1, 281.....	K8905*	1.47
RE20, R50, R55, RAE59, R71, R72, R74, R76, R77, RAE79, RE81.....	K8875	.59
R22, 112, AC-DC, 114.....	K8868	.59
R24, R24A, M30, R43, 126B, 142B, 241B, 46Rad, 46DC.....	K8861	.59
R32, RE45, R52, 145.....	K8911*	1.47
R37, R38, R37F, R38P, 120, 124, 223, 330, 331.....	K8690*	.88
R78 (1st type).....	K8815*	1.47
R78 (2nd type), RAE84.....	K8792*	.88
80, 82, 86.....	K8867	.59
R90, R90P, 260, 261, 280, 380, 381.....	K8692*	1.18
M10, M104, M108, M109.....	K8757*	1.18
128, 128E, ACR186, 143, 224, 224E, M226, 242, 243, 322, 322E, 341.....	K8791*	.88
262, 263.....	K8811*	.88

SEARS ROEBUCK (Silvertone)

Manufacturer and Model Numbers	Stock No.	Your Cost
B118A, 1082, 1083, 1704, 1706, 1707, 1743, 1760, 1801, 1802A, 1803A, 1804, 1805, 1807, 1820, 1821, 1825A.....	K8863	.59
1826, 1827, 1828, 1832, 1832A, 1835, 1840, 1863, 1864, 1903, 1905, 1909, 1912, 1915, 1942, 1944, 1953, 1955, 1962, 1965, 1972.....	K8863	.59
7070, 7071, 7072, 7073, 7074, 7075, 7076, 7077, 7078, 7091, 7092, 7093, 7094, 7141, 7142, 7144, 7160, 7164, 7155, 7167.....	K8863	.59
359, 359X, 1857A, 1936, 1996, 1700, 1923, 1933, 1983, 1993, 7062.....	K8866	.59
1703, 1728A, 7074, 7126, 7144, 1705.....	K8694	.59
1708, 1708A, 1709, 1733, 1750, 1805A, 1806, 1808A, 1809, 1811, 1823, 1826A, 1829, 1833, 1841, 1845, 1854, 1854A, 1855, 1915, 1925.....	K8863	.59
1927X, 1930, 1933A, 1935, 1937X, 1940, 1941, 1954X, 1956, 1970A, 1981, 1981C, 1983A, 1985, 1992X, 1993X, 1995, 4405, 4407, 4428, 4448, 4548, 7118, 7124.....	K8863	.59
1715, 1721, 1721X, 1722, 1722X, 1726X, 1732, 1732X.....	K8789*	1.47
1922A, 1932A, 1982A, 1992A (use d.p.s.t. switch).....	K8866	.59
4404, 4406, 4409, 4410, 4411, 4413, 4424, 4425, 4442, 4443, 4444, 4445, 4522, 4528, 4524, 4542, 4543, 4544 (use d.p.s.t. switch).....	K8863	.59

Manufacturer and Model Numbers

SPARTAN

Manufacturer and Model Numbers	Stock No.	Your Cost
10, 20, 410, 420, 430, 600, 750D, 870.....	K8823*	\$0.88
33A, 33B, 57, 61, 62, 65, 66, 67, 68, 71, 71B, 72, 73, 73AX, 73BX, 76, 78, 80, 83, 84, 85X, 86X, 104, 134, 136, 655, 691, 716, 766, 766X, 766XP, 766XS, 966, 966X.....	K8879	.59
53, 506, 515, 516X, 594, 616M, 616MX, 666M, 666MX, 1116X, 1166, 1166XP, 1166XS, 1176, 1176XP, 1176XS, 1186, 1196, 1466, 1476.....	K8863	.59
54, 70, 75, 77 (use d.p.s.t. switch), 475A, 478A.....	K8879	.59
69, 79A, 101, 109, 110AC, 301, 589, 591, 593, 620, 930, 931, 89A, 103, 111A, 564, 570, 574, 600, 610, 620, 737, 740, 870.....	K8825*	.88
	K8826*	.88

STEWART-WARNER

Manufacturer and Model Numbers	Stock No.	Your Cost
R100, 985, Series 950 AC.....	K8901*	.88
R104A, B, E, 106, R106, 108, 108X, 109, 110A, 110E, R110, 111, R111, 112, R115, R116, R118, R119, R125, R125A.....	K8863	.59
R125X, R127, R127X, R130, R130A, R131, R133, R140, 1181, 1182, 1183, 1251 to 1259, 1271 to 1279, 1301 to 1309, 1311 to 1319, R1332, 1401 to 1409.....	K8863	.59
R128D, R139D, 1281D to 1289D, 1391D to 1399D, (use 3-point switch).....	K8863	.59
R132, R134, R136, R137, R138, R1322, 1341 to 1349, 1361 to 1369, 1371 to 1379, 1381 to 1389.....	K8879	.59

STROMBERG-CARLSON

Manufacturer and Model Numbers	Stock No.	Your Cost
10, 11, 12, 14.....	K8865	.59
58, 62.....	K8888*	.88
58L, 58LB, 58T, 58TB, 58W, 58WB, 61T, 61TB, 61L, 61LB, 61W, 61WB, 61Y, 61Z, 61S.....	K8874	.59
60, 62, 65, 80.....	K8890	.59
635, 636 (Rear).....	K8885*	.88
635, 636 (Panel).....	K8886*	.88
638 (Rear).....	K8893*	.88
638 (Panel).....	K8857*	.88
641, 642, 652, 654 (Rear).....	K8883*	.88
641, 642, 652, 654 (Panel).....	K8884*	.88
846, 848 (Rear).....	K8846*	.88
846, 848 (Panel).....	K8848*	.88

WESTINGHOUSE

Manufacturer and Model Numbers	Stock No.	Your Cost
WR-2.....	K8850*	.88
WR-4.....	K8905*	1.47
U6F, WR100, WR101, WR201, WR209, WR501.....	K8863	.59
WR15, WR15A, WR16, WR18, WR19, WR20.....	K8693*	.88
WR23, WR26, WR204, WR205, WR304, WR305, WR601.....	K8875	.59
WR24.....	K8863	.59
WR26, WR26M.....	K8861	.59
WR28, WR36.....	K8694	.59
WR30, WR31, WR37, WR38, WR39.....	K8696*	.88
WR 45, WR 45 A, WR 46, WR46A, WR49, WR50.....	K8779*	.88
WR48, WR48A, WR53.....	K8791*	.88
WR500.....	K8691*	1.18
	K8776*	1.18

ZENITH

Manufacturer and Model Numbers	Stock No.	Your Cost
6B107, 6B129, 6B164, 6S128, 6S137, 6S147, 6S152, 6S157, 6S34, 6S35 Chassis.....	K8680*	1.18
9S30, 9S54, 9S55, 12L57, 12L58 (use extension shaft), 16A61, 16A63, 1202, 1202A, 1601C, 1601P, 5809 Chassis.....	K8679*	1.18
11, 12, 15, 16, 17, 35APX, 52, 53, 54, 57, 70, 102, 112, 212, 522, 532, 542.....	K8802*	1.18
35, 730.....	K8906*	1.18
50, 60, 70, 71, 72, 73, 77, 712, 722, 732, 772.....	K8924*	1.76

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Clarion Radio REPLACEMENT PARTS

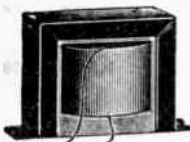
Power Transformers



All units listed below are for **110 volts, 50-60 cycles a.c. only.** 25 cycle and 220 volt transformers on order.

Stock No.	Clarion No.	Model No.	Your Cost
CL132	G1578	300	\$3.50
CL264	G1152	56	3.50
CL267	G1644	340	2.70
CL482	G1768	470	1.95
CL103	G2013	51	2.75
CL200	G1151	61, 70	3.25
CL232	G1381	160	2.95
CL102	G1255	80	2.00
CL230	G1490	260	3.10

Audio Transformers



Input And Output Units

Stock No.	Clarion No.	Model No.	Your Cost
CL245	G1109	60 Jr.	\$1.45
CL248	G1182	61	1.45
CL249	G1778	480	1.95
CL438*	G1838	500	1.25
CL558	G1419	280	1.25

* Driver Transformer.

Output Transformers

Stock No.	Clarion No.	Model No.	Your Cost
CL279	G1516	280	\$0.85
CL240	G1660	360	.85
CL247	G1813	490	.85
CL243	G1697	425, 440	.75
CL241	G1617	320	.55
CL242	G1689	400	.65

Variable Condensers

Stock No.	Clarion No.	Model No.	Your Cost
CL194*	G1817	40	\$2.50
CL182*	P4668	340	2.25
CL173†	P4629	422, 425	1.25
CL174†	P4712	440	1.25
CL175†	P4856	470	1.25
CL176†	P4744	AR-100	1.50

* 8-Gang † 2-Gang.

Wholesale Radio Service Company, as sole distributor of Clarion radio replacement parts, can supply practically any Clarion part you may require. Write giving model number, year, number and type of tubes, name of part, and all other pertinent information, and we will quote lowest net prices. Shipments are subject to slight delay when special parts are ordered. Power transformers and filter blocks listed below are for 110 volts, 60 cycles a.c. only. Units for 25 cycle or 220 volt operation can be supplied on order at reasonable cost.

Filter Condenser Blocks



Genuine Original Replacement Parts

Stock No.	Clarion No.	Model No.	Your Cost
CL217	G1529	240	\$2.95
CL226	G1480	220	2.95
CL209	G1384	100	2.95
CL212	G1573	300	2.95
CL219	G1319	40	2.95
CL201	G2033	51	3.95
CL206	G1164	70	3.95
CL216	1106	60	3.95
CL202	G1178	61	3.75
CL222	G1187	56	3.75
CL204	G1256	80	2.25
CL208	G1350	84, 85	2.95
CL221	G1298	90, 94	2.05
CL225	G1298C	95	1.35
CL218	G1413	160	1.25
CL214	G1492	260	2.95
CL215	G1519	280	2.95

By-Pass Blocks

Stock No.	Clarion No.	Model No.	Your Cost
CL191	G1057	51	\$0.98
CL224	G1540	240	.85
CL185	G1167	61, 70 (R.F.)	1.85
CL183	G1295	80, 90 (R.F.)	1.10
CL192	G1326	40	.75
CL205	G1511	220	.75
CL188	G1622	320, 322	.75
CL186	G1351	84	.50
CL203	G1498	260	.60
CL190	G1642	340	.80
CL360	G1432	160 (A.F.)	1.25
CL365	G1431	160 (R.F.)	1.45
CL122	G1585	300	.98

Wave Change Switch For Model 480

Part No. 4919. T.P.D.T.
CL525 - Your Cost Each **50¢**

Volume and Tone Controls



Stock No.	Clarion No.	Model No.	Your Cost
CL496*	P1308	51	\$0.65
CL510*	P4035	100	.98
CL490*	P1064A	60	.98
CL493	P1480	61, 70	.55
CL505*	P4080	120	.60
CL491*	P1747	90	.80
CL523	P4979	490	.48
CL497	G1740	422, 423	.60

*With Switch.

Tone Controls

Stock No.	Clarion No.	Model No.	Your Cost
CL522	P4978	490	.60
CL504	P1955	85	.55
CL501	P4433	340	.75

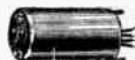
Voltage Dividers

Stock No.	Clarion No.	Model No.	Your Cost
CL296	P1835	60 Jr.	\$0.75
CL315	P1819	40, 100	.59
CL299	P4268	220	.35
CL295	P4269	241, 260	.35
CL320	P4379	300	.59
CL298	P4267	240, 300	.70
CL300	P4512	340	.59
CL325	P4533	360	.50
CL318	P4534	360	.19
CL585	P4947	480	.48

Composite Coils

Antenna-Pre-Selector
Clarion Part No. P4450. Used in Model 320 receiver.
CL567 - Your Cost Each **63¢**

Antenna-Oscillator
Clarion Part No. P4843. Used in the Model AR-100 auto radio.
CL542 - Your Cost Each **79¢**



I. F. Coils

Stock No.	Clarion No.	Model No.	Your Cost
CL118	P4885	470, 472 (1st)	\$1.25
CL544	P4654	420 (1st)	1.25
CL541	P4655	420 (2nd)	1.25
CL545	P4716	422 (2nd)	1.25
CL120	G1531	240 (1st)	1.25
CL115	G1532	240 (2nd)	1.25
CL104	G1533	240 (3rd)	1.25
CL110	G1575	300 (3rd)	1.25
CL114	G1647	340	1.25
CL105	G1661	360	1.25
CL538	G1843	490	.95
CL116	P4798	AR-100	.95
CL111	G1494	260 (2nd)	.95
CL159	G1414	160 (1st)	.95
CL540	P4045	220	.40
CL533	P4730	450 (1st)	1.25
CL543	P4731	450 (2nd)	1.25
CL427	P4879	470	1.75
CL121	G1610	241 (1st)	1.15
CL117	G1611	241 (2nd)	1.15
CL108	G1638	320 (osc. and First i.f.)	1.39
CL137	G1620	320 (2nd)	1.25
CL113	G1794	480 (2nd)	1.15
CL109	G1576	300 (1st and 2nd)	1.25
CL155	G1793	480 (1st)	.55
CL587	G1373	100, 220 (osc. and i.f.)	1.45

Oscillator Coils

Stock No.	Clarion No.	Model No.	Your Cost
CL550	P4044	100, 220	\$0.55
CL546	G1546	240	.65
CL566	G1545	240	.65
CL141	G1273	80	.65
CL559	P4740	450	.75
CL551	G1562	241	.40
CL151	G1311	90	.40
CL123	G1648	340	.95

R.F. Coils

Stock No.	Clarion No.	Model No.	Your Cost
CL147	G1650	340	\$0.65
CL149	G1191	56 (2nd)	.65
CL144	G1192	56 (3rd)	.65
CL145	G1272	80 (1st)	.65
CL146	G1293	90	.65
CL139	G1803	480	.40
CL140	G1376	100	.40
CL156	G1183	61	.50

Antenna Coils

Stock No.	Clarion No.	Model No.	Your Cost
CL532	P4739	450	\$0.65
CL530	G1649	340	.65
CL154	G1163	70	.65
CL158	G1543	240	.85
CL148	G1294	90	.55
CL531	G1343	45	.45
CL152	G1386	100	.35
CL150	G1386	220	.50
CL549	G1089	51	.75
CL584	P4591	400	.65

FADA Tuning Bracket Casting



Used on all of the older model Fada sets. Genuine part, will fit chassis exactly. Part No. stamped on casting. Shpg. wt. 1 lb. Part No. 858MP. **88¢**

Part No. 872MP. **88¢**
K6155 - Your Cost

FADA Dial Scale and Drum

Genuine Fada Part No. 871MP. Used in all early models. Scale riveted to drum. Shpg. wt. 2 lbs. **\$1.26**
K6160 - Your Cost



FADA Cone Bracket



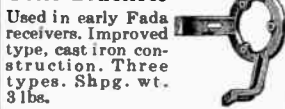
Genuine Part No. 878MP. Used with early model dynamic speakers. Iron casting, will not break. Shpg. wt. 3 lbs. **85¢**
K6159 - Your Cost

FADA Friction Drive Shaft

Genuine Fada Part No. 1724X. Used with drum illustrated at right. Comes complete with all washers, spring, etc. Assembled ready for use. Shpg. wt. 1 lb. **59¢**
K6152 - Your Cost



FADA 3-Legged Cone Brackets



Used in early Fada receivers. Improved type, cast iron construction. Three types. Shpg. wt. 3 lbs. **1.59**
K6156 - No. 888MP
K6157 - No. 885MP
K6158 - No. 901MP
Your Cost Each, Any Type

FADA Tuning Drum



Genuine Fada Part No. 1716X. Used with early models. 4 1/2" diameter, 1/2" track. Shpg. wt. 1 lb. **82¢**
K6153 - Your Cost

FREED-EISEMANN Volume and Tuning Dial Castings



Exact duplicate of the original Freed-Eisemann Part Nos. 2445 (tuning dial) and 2446 (volume control) castings. Will fit chassis exactly; no changes necessary to install. Of cast iron, finished in gilt. Will not break or crack. Shpg. wt. 2 lbs. each. **\$1.09**
K6150 - Volume Control Casting. Your Cost Each

K6151 - Tuning Dial Casting. Your Cost Each **\$1.09**

RCA *Genuine* RCA-VICTOR Replacement Parts

Universal Audio

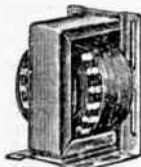
Suitable for straight or p. p. audio stages. Fully shielded in black finished metal case 2x2 1/4 x 2 3/4". Primary for any single triode (27, 56, 6C5, etc.); secondary for any single or p. p. tubes. Response 30 to 10,000 c.p.s. Shpg. wt. 3 lbs. **K5529—Your Cost... \$1.20**



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 1/4 x 2 3/4 x 2". Baked varnish insulation. Lug terminals. Wt. 3 lbs. **K5536—Your Cost... \$1.05**

Same as above but shielded in cadmium plated case with bakelite terminal board. **K5537—Your Cost... \$1.40**



Volume Controls

Only the more popular controls are shown in the listing. Any other control on order only.

Stock No.	Part No.	Model Numbers	Your Cost
K9050	2995	R4, 6, 7, 7A, 9, RE16A.	\$0.90
K9051	3092	R8, 10, 11, 12, RE18, 18A, 19, 21, RAE26.	.90
K9052	4429	118, 211.	1.20
K9053	4519	128, 128E, 224, ACR-136, 143, 224E, 242, 322, 322E, 341.	.90
K9054	4832	262, 263.	.90
K9055	5018	M101, 104, 108	1.50
K9056	6275	R-78.	.96
K9057	6337	RE-81 (Phono).	.96
K9058	6612	140, 141, 141E, 240, 340, 340E	.90
K9059	6695	121, 122, 127, 221, 320, 321, 327.	.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
K9063	5223	C15-3, C15-1.	.90
K9065	10826	R34, 35, 39, RE57, RE78.	1.50
K9066	18144	T8-14, C8-15, T6-1, C6-2, T7-5, C7-6, D7-7, C9-4, T9-9, C6-8, 5T-D8-28.	.60

Capacitor Packs

Stock No.	Part No.	Model Numbers	Your Cost
K1037	6487	R37, 37P, 38, 38P, 120, 124.	\$1.23
K1039	6691	220, 222.	1.29
K1040	6708	121, 122, 221, 320, 321.	1.20
K1041	7269	R11, R21, RE-18, 18A, RAE-26.	3.24
K534	7842	R8, 10, 12, RE-19, RO-23.	4.05
K1048	11203	T10-1, C10-2, T10-3, T11-8.	.60
K1024	7600	M-34, M-105.	2.44

New Crystal Pick-Up



New high impedance (40,000 ohms) crystal pick-up that works directly into the grid circuit without coupling transformers. Crystal completely sealed in a spring counterbalanced tone arm. Top loading of needle. Crystal offset to give minimum tracking error. Response 45 to 7000 c.p.s. Needle positioning bracket included. Brown wrinkle finish, chrome trim. Shpg. wt. 3 lbs. RCA No. 14818. **K1183—List \$14.95 Your Cost... \$8.97**

Phonograph Modernization Kits



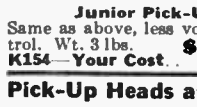
No. 11080—Includes 8.5 ohm pick-up, pick-up arm, volume control and input transformer. Shpg. wt. 10 lbs. List \$16.00. **K134—Your Cost... \$9.60**

No. 9740—Contains 2800 ohms pick-up, pick-up arm and volume control. No transformer needed. Shpg. wt. 6 lbs. List \$12.00. **K139—Your Cost... \$7.20**



No. 9743—Includes 1400 ohm pick-up (Junior) and a 5000 ohm volume control. No input transformer necessary. Shpg. wt. 4 lbs. List \$6.50. **K116—Your Cost... \$4.56**

Junior Pick-Up
Same as above, less volume control. Wt. 3 lbs. **K154—Your Cost... \$3.90**



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.



Pick-Up Heads

Stock No.	Part Impd.	No. 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. **K187—Your Cost... \$4.50**

Drive Clutch Assembly



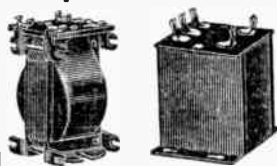
Part No. 4422. Used in Models 118, 211, 128, 224, 322, 135B, 235B, 143, 242, 262, 281 and 381. Shaft, bearings, ring, spool, spring and washers, completely assembled. **K9637—Your Cost... 60¢**

R93A Record Player



A sturdy, compact and highly efficient record player that plays either 10" or 12" records. Outfit consists of a midjet pick-up and arm (2450 ohms impedance), a synchronous 110 volt, 60 cycle a.c. induction motor of the hand starting type, and a smooth volume control. Needle cup on panel. Housed in attractive walnut finished case 10 1/2 x 8 x 5", with removable top. Shpg. wt. 15 lbs. **K22011—Your Cost... \$12.49**

Phono-Matching Input Transformer



Part No. 6238—For models RE18 and 18A. Matches 20 ohm pick-up. Shpg. wt. 2 lbs. **K1632—Your Cost... \$1.44**

Part No. 7083—For models R-5, RE-57, RE-16, RE-16A, R86, RAE68 and R-73. Matches 20 ohm pick-up to grid. **K1633—Your Cost... \$3.00**

Part No. 7632—For model 331. Also contains one reactor, two capacitors and two resistors. Matches 28 ohm pick-up to grid. Shpg. wt. 3 lbs. **K1635—Your Cost... \$3.25**

Part No. 5943—For model R-47. Matches 200 ohms pick-up to grid. Shpg. wt. 3 lbs. **K1641—Your Cost... \$3.24**

RCA Pick-up Coils

Stock No.	Part No.	Resis. Ohms	Your Cost
K174	2265	3500	\$0.72
K176	2314	20	.65
K169	2769	7	.30
K396	3385	20	.30
K398	10777	200	.30

Orthophonic Sound Box

Universal type; fits all models except the 2-35. Excellent quality. Ribbed aluminum diaphragm. Bronze finish. No. 6927. **K350 Each... \$2.70**



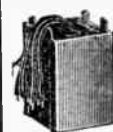
Power Transformers



All for 110 volts 50-60 cycles a.c. except stock No. 2121, which is for 105-250 volts, 50-60 cycles a.c.

Stock No.	Part No.	Model Numbers	Your Cost
K2007	8932	R 74, 76, 77, RE-81.	\$4.62
K2009	9005	R37, 38, 120.	2.88
K2008	8985	R28, RE40, 110, 111, 115, 210, 310.	2.56
K2011	9464	101, 103.	1.92
K1210	9511	118, 128, 128E, 211, 224, 224E, 3 2 2, 3 2 2 E, ACR136.	2.87
K2121	9042	140, 141, 141E, 240, 340, 340E.	4.10
K2122	9505	143, 242, 262, 341.	3.81
K2013	9430	M34, 340.	2.16

Audio Transformers



Only the popular units listed; others on order.

Stock No.	Part No.	Model Numbers	Your Cost
K5675	6476	R37, 38, 37P, 38P, 120, 121, 122, 124, 320.	\$0.86
K5676	6605	140, 141, 141E, 240, 340, 340E.	.89
K5677	6709	142B, 241B.	1.31
K5678	11253	T7-5, T8-14, C8-15, T8-16, C8-17, CR-6, T6-1, C6-2, D7-7, C9-4, 5T, 7T, 8T.	.94

Audio, Input, Interstage

Stock No.	Part No.	Model Numbers	Your Cost
K5633	6488	M34.	.78
K5679	6608	140, 141, 141E, 240, 340, 340E.	1.22
K5680	6710	142B, 241B.	1.33
K5681	7255	R7A, RE16A.	2.10
K5682	8711	RE20, R50, 55, RAE59, RAE-79.	2.55
K5683	10414	R32, 52, RE45, RE75, RE-154.	2.81

Combination Audios

Push-pull input and output. Models R34, 35, 39, RE57, RAE68, R80, 82, 86. Part No. 8554. **K5684 Your Cost... \$4.72**

Input, reactor and condenser. Model RE81. Part No. 7529. **K5685—Your Cost... \$2.70**

Dial Assemblies



Part No. 8000. Dial drum and scale assembly for models R4, 6, 7, 7A, 7DC, 9, 9DC, 7LW, 10DC, 43 and RE16A. Shpg. wt. 1 lb. **K9638 Your Cost... 24¢**

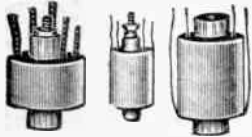
RCA Part No. 11328. Dial for Models T8-14, C9-4, T9-10.	40¢
K9640—Your Cost...	
RCA Part No. 10441. Dial for Models R32, RE45, R52, RE75, RE154, and RE156.	12¢
K9641—Your Cost...	
RCA Part No. 6501. Dial scale for Model M-34.	24¢
K9642—Your Cost...	

Dial Glass

Part No. 6614. Used on 46 different models. **K9644—Your Cost... 18¢**

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 is installed. For listing of replacement Majestic Coils with shield cans and trimmers, see tabulation at right.

Stock No.	Maj. No.	Model and Stage	Your Cost
K8440	4428	15, 15B, 150 (I.F.-Osc.)	\$0.35
K8441	8384	15, 15B, 150 (2nd)	.40
K8443	5326	25 (1st)	.40
K8444	5327	25 (2nd)	.48
K8445	5601	25B (1st)	.40
K8446	5602	25B (2nd)	.48
K8447	5606	55 (1st)	.40
K8448	10589	66 (1st)	.40
K8449	10591	66 (2nd)	.40
K8354	9355	116 (1st)	.40
K8450	9361	116 (2nd)	.40
K8451	6250	200 (1st)	.40
K8452	6254	200 (2nd)	.48
K8453	6119	210 (1st)	.40
K8454	6123	210 (2nd)	.40
K8455	6127	210 (3rd)	.40
K8355	7205	290, 300 (1st)	.40
K8356	7230	290, 300 (2nd)	.48
K8456	7821	310A, 310B, 330, 390 (1st)	.40
K8457	7812	310A, 310B, 330, 390 (2nd)	.42
K8458	9094	360 (2nd)	.40
K8459	9669	400 (1st)	.40
K8460	10149	460 (1st)	.40
K2452	10253	460 (2nd)	.48
K2452	11014	800 (2nd)	.48
K8462	10843	500 (1st)	.40

K8463—Part No. 7187. Primary coil used in models 290, 300, 310, 330, 460, 520, 800. **Your Cost.....41¢**

EXACT DUPLICATE REPLACEMENT I. F. TRANSFORMERS



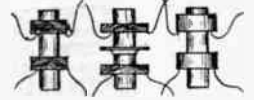
Exact duplicate replacement intermediate frequency transformers for standard radio receivers. All complete in shield cans, with trimmers. No changes necessary to install. Made of high quality material—will give lasting, satisfactory service.



Stock No.	Make and Model	Stage Output	Mfrs. No.	Your Cost
K2493	Apex 24 (400 chassis)	1st	I.F.-Osc.	\$1.70
K2495	Belmont C119, 50C, 51C (CLARION coils on page 136)	1st	I.F.-Osc.	1.42
K2478	Crosley 122, 123, 124, 125, 126 (untuned)			.42
K2479	Crosley 122, 123, 124, 125, 126		2603	.98
K2489	Majestic 15, 15B, 150	2nd		4429 .85
K2491	Majestic 15, 15B, 150	1st	I.F.-Osc.	4428 1.45
K2496	Majestic 20	1st		3908 1.45
K2497	Majestic 20	2nd		3960 1.69
K2303	Majestic 25	1st		5326 .99
K2304	Majestic 25	2nd		5337 .99
K2318	Majestic 25B	1st		5601 1.15
K2319	Majestic 25B	2nd		5602 1.15
K2317	Majestic 55	I.F.-Osc.		6506 1.57
K2498	Majestic 60	1st		4439 1.69
K2499	Majestic 60	2nd		4267 1.69
K2324	Majestic 200	1st		6250 1.15
K2325	Majestic 200	2nd		6254 1.15
K2332	Majestic 290, 300	1st		7205 .99
K2333	Majestic 290, 300	2nd		7230 1.15
K2415	Majestic 310A	1st		7821 .85
K2451	Majestic 460	1st		10149 .85
K10221	Majestic 500	1st		10843 1.25
K10222	Majestic 500	2nd		11705 1.15
K10223	Majestic 500	3rd		10852 2.24
K2415	Majestic 800	1st		8995 .85
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
K2583*	RCA-Victor RE-20, R50, R-55, RAE-59	1st		7281 1.20
K2584*	RCA-Victor RE-20, R50, R-55, RAE-59	2nd		7282 1.44
K2585*	RCA-Victor RE-20, R50, R-55, RAE-59	3rd		7283 1.95
K2586*	RCA-Victor R4, R6, R7, R7A, R9, RE-16A	1st		2991 1.22
K2587*	RCA-Victor R4, R6, R7, R7A, R9, RE-16A	2nd		2992 1.32
K2588*	RCA-Victor R11, RE-18, R21, RAE-26, RE-18	1st		7266 1.32
K2589*	RCA-Victor R11, RE-18, R21, RAE-26, RE-18	2nd		7267 1.20
K2590*	RCA-Victor R8, R10, R12, RE-19	1st		7340 1.20
K2591*	RCA-Victor R8, R10, R12, RE-19	2nd		7341 1.20

* Genuine RCA Parts.

RADIOLA DUPLICATE I. F. COILS



Coils only, less shielding cans. Stock Models and Stage of I.F.

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.....57¢

Antenna Coil Primary Windings



Designed to replace defective or burned-out antenna 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.

K10116	For 1 1/4" O.D. coils
K10117	For 1" O.D. coils
K10118	For 3/8" O.D. coils
K10119	For 1/2" O.D. coils

Your Cost Each, Any Type.....15¢

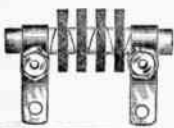
"Crolite" R. F. Chokes

Wound on a new and highly efficient insulating material known as Crolite. Low distributed capacity. Solder lug terminals.



Stock No.	Millihen.	Your Cost
K10138	2.5	22¢
K10139	5	24¢
K10140	10	24¢
K10141	25	33¢

Pie-Wound R. F. Chokes



For use in hi-frequency receivers and low-powered transmitters. On Ceramic spool.

Stock No.	Millihenry	Your Cost
K10142	2.5	\$0.32
K10143	5.5	.44
K10144	10	.55
K10149	60	.59

BUD H.F. X'Mitting R.F. Choke

Three lateral wound pies on 1/2" Iaolantite core. 2.5 millihenry, 1.6 ohms resistance, carries 250 ma. continuous, capacitance 2 mmfd.



K10124—Your Cost.....58¢

Align-Aire Trimmers

New compression type, air dielectric. In low-loss containers; lug terminals. No "drift". Size, 1/2"x1 1/2".



K9740—1-12 mfd. **Your Cost.....29¢**

MEISSNER UNIVERSAL ADJUSTABLE IRON-CORE COILS



Antenna R.F.

With one of these universal coils it is no longer necessary to order special transformers exactly duplicating the old coil! Inductance is variable over wide range to permit accurate tracking with other coils in a receiver requiring a coil replacement. Also permits matching odd values of tuning condenser capacitances. Oscillator adjustable from 175 to 520 kc. In black crackle-finished shields, 1 1/4"x1 1/4"x2 1/2" high, centers 1 1/4".

\$1.18 Ea.

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 1/2" by 1".



Unshielded Chokes			Shielded Chokes		
Stock No.	Millihen.	Your Cost	Stock No.	Millihen.	Your Cost
K10133	2.5	14¢	K10240	2.5	26¢
K10099	6	20¢	K10241	6	29¢
K10100	8	27¢	K10242	8	42¢
K10101	16	38¢	K10243	16	47¢
K10134	30		K10244	30	
K10135	60		K10245	60	
K10136	80		K10246	80	

MEISSNER Iron Core R. F. Chokes

R. F. Chokes

Iron core Ferrocart 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. Moisture-proofed with compound. Overall diameter, 1 1/4".



Stock No.	Millihen.	Your Cost
K9667	2.5	34¢
K9666	5.5	37¢
K9665	10	43¢
K9664	30	50¢
K9663	80	65¢
K9663	125	85¢

MOUNTED CHOKES

Lattice wound on Bakelite bobbins and provided with soldering lugs. Extremely low distributed capacity. In sizes shown below. Measures overall, 1 1/4" high and 1 1/4" diameter including lugs.

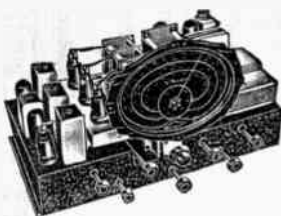


Stock No.	Millihen.	Your Cost
K10105	2.2	14¢
K10102	5.5	28¢
K10104	6	
K10001	8	
K10000	60	38¢

Meissner "BUILD-YOUR-OWN" KITS

14-TUBE 5-BAND HAM RECEIVER

- 5 to 555 Meters
- Air-Tuned Coils



Employs 14 all-metal tubes (3-6K7, 2-6J7, 2-6L7, 1-6R7, 1-6C7, 2-6H6, 2-6L6, 1-5Z3). Features completely wired and aligned tuning unit; crystal filter; beat frequency oscillator; noise silencer; Ferrocart (iron core) i.f. transformer; p.p. 6L6 output; amplified a.v.c., etc. Kit includes the tuning unit, with band change switch and 8" oval dial; noise silencer transformer; beat oscillator transformer; crystal phasing variable condenser; two Ferrocart i.f. transformers; a.v.c. transformer; 5 shielded chokes and instructions. Shpg. wt. 12 lbs.

K10302—Kit No. 7502. Complete kit as described above. Less tubes. Diagrams and instructions furnished. List \$53.50. **Your Cost** **\$31.46**

K10325—Complete kit of standard parts and accessories to make up complete receiver using above kit. Includes condensers, resistors, sockets, switches, transformers, drilled and punched template chassis finished in black crystalline, hardware, solder, wire, etc. All you need is a soldering iron, pliers and screw driver. Wt. 20 lbs. **Your Cost** **\$28.50**

NOTE: All parts in the above kit can be purchased separately. Write for completely itemized price list.

K10303—Model No. 7512; completely assembled, wired and aligned tuning unit only (same as No. 7502 but less i.f. units, chokes, crystal transformer and b.f.o. transformer. Shpg. wt. 9 lbs. **Your Cost** **\$22.64**

12-TUBE 5-BAND RECEIVER

- 7.5 to 2140 Meters
- Air-Tuned Coils



Uses most modern superhet circuit employing 12 all-metal tubes (2-6K7, 2-6J7, 2-6L7, 1-6R7, 1-6C5, 1-6H6, 2-6L6 and 1-5Z3). Five overlapping tuning bands cover from 7.5 to 2140 meters, bringing in European broadcasts as well as American broadcast, amateur and police reception. Features include: completely wired and balanced tuning unit; 8" two-speed calibrated dial; band spread; high-fidelity band expansion; beat frequency oscillator; noise silencer; Ferrocart i.f. and output transformers; variable sensitivity; push-pull "beam power" output; audio volume control; air tuned monocoil assembly. Shpg. wt. 12 lbs. List \$47.50.

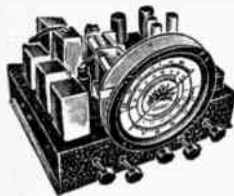
K10326—Kit No. 7501; Complete as described above. With all i.f. and r.f. coils, wired tuning unit, r.f. chokes, b.f.o. transformer, output and noise silencer transformer, and complete blueprints and instructions. Less tubes. **Your Cost** **\$27.94**

K10327—Complete kit of parts to finish above kit. All condensers, resistors, crystalline finished drilled chassis, etc. Nothing else to buy. Shpg. wt. 29 lbs. **Your Cost** **\$18.77**

NOTE: Above parts available separately; write for itemized list.

K10328—No. 7511 Tuning unit only. Completely wired and aligned. (Same as 7501, but less i.f. coils, chokes and transformers.) Shpg. wt. 9 lbs. List \$38.50. **Your Cost** **\$22.64**

6-TUBE A.C. SUPERS



Broadcast Model

A deluxe a.c. superhet kit using six all-metal tubes (1-6A8, 2-6K7, 1-6Q7, 1-6F6, 1-5Z4). Covers from 175 to 550 meters. Features include: tone control, audio gain control, automatic volume control, 5-watts output. Kit includes: shielded antenna, R.F. and oscillator coils, Ferrocart (iron core) input and output i.f. transformers, 3-gang variable condenser, 6" calibrated airplane dial, padder condenser, complete set of wiring diagrams and instructions. Shpg. wt. 8 lbs.

K10289—Your Cost **\$7.35**

K10331—Drilled steel chassis for above. 12x10x3". Shpg. wt. 4 lbs. **Your Cost** **\$1.91**

Police and Broadcast 75-200, 190-550 Meters

Essentially the same as the above kit, but includes an additional tuning band covering police broadcasts and the 80 and 160 meter ham bands. Kit includes: shielded antenna, r.f. and oscillator coils with trimmers; two Ferrocart i.f. transformers; 3-gang condenser; wave change switch; 6" airplane dial; 2 padders and all instructions. Shpg. wt. 8 lbs. Less tubes.

K10290—Your Cost **\$10.29**

Short Wave and Broadcast 18-55, 175-550 Meters

Same as above, but for different wave bands. Same parts list as above. Shpg. wt. 8 lbs.

K10291—Your Cost **\$10.29**

Drilled chassis for either of the above models, 10x12x3". Shpg. wt. 4 lbs.

K10332—Your Cost **\$1.91**

8-TUBE 4-BAND RECEIVER

- 7.5 to 550 Meters
- All Metal Tubes



This receiver will undoubtedly become one of the most popular of the 1937-1938 line. Eight of the latest type all metal tubes are used in a powerful all-wave superheterodyne circuit covering all bands, no skips, from 7.5 to 550 meters. This range brings in all amateur stations, including 10-meter band, and the American broadcast stations. The complicated all wave coil assembly is supplied completely factory wired, aligned and tested and mounted on the wave change switch ready for use. Wiring of component parts therefore is a comparatively simple matter. Comprehensive blueprints, picture lay-outs and instructions further simplify assembly. Tubes used include 2-6K7, 1-6J7, 1-6Q7, 1-6C5, 1-6F6, and 1-5Z4. Circuit features include: air-tuned multi-wave coil assembly completely wired and aligned; calibrated 8" two-speed oval dial; band spread; beat frequency oscillator with cut-out switch; Ferrocart i.f. and output transformers; automatic volume control with cutout switch; audio volume control; low minimum capacity variable condenser. Shpg. wt. 10 lbs. List \$34.50.

K10329—No. 7508A Essential Parts Kit. Includes wired tuning unit, two Ferrocart i.f. transformers, beat frequency oscillator transformer, 3-gang condenser, 8" dial, and complete instructions. **Your Cost** **\$20.29**

K10330—Drilled and punched steel chassis for above. Finished in black crackle. Size: 9x13x4 1/4". Shpg. wt. 4 lbs. **Your Cost** **\$2.35**

Meissner Multi-Wave Air-Tuned Assembly

Embodies all coils, range switch, shunt trimmers, padders, a.v.c., by-pass condensers and necessary shielding as incorporated in above 14-Tube receiver. R.F. stage used on all bands except ultra-high frequencies. Air dielectric trimmers on all bands except ultra-high which needs none. Comes completely aligned and padded. Use 260 mmfd. tuning condenser.

K10306—No. 7515. 5 band; 5-9.9, 9.7-25, 24-68, 67-200, 190-555 meters. List \$21.00 **Your Cost** **\$12.35**

K10307—Meissner No. 15127 3-gang 260 mmfd. variable condenser for use with above assembly. List price \$3.75 **Your Cost** **\$2.20**

K10305—No. 7514. 4 band; 5-9.9, 9.7-25, 24-68, 67-200 meters. List \$17.50 **Your Cost** **\$10.29**

Beat Freq. Oscillator Kit



Self-powered beat oscillator that will work with any 456-465 kc. i.f. superhet. For 110 volts a.c. Has switch to cut-out beat note. Kit includes: transformer, chassis, condensers, cables, connectors, all parts and instructions. Less tubes (1-6C5, 1-25Z6). Shpg. wt. 5 lbs. **K10337**—Your Cost **\$6.76**

MEISSNER DIAGRAM BOOK: 112 pages of detailed instructions, diagrams, etc. for 14 latest receivers. **K19978**—Your Cost Each **\$48**

Ferrocart (Iron Core) T.R.F. Receiver Kits



5-TUBE KIT

Uses 2-6K7, 1-6Q7, 1-6F6, 1-5Z4. Kit includes: Antenna and two r.f. coils (Ferrocart), 3-gang condenser, 4" airplane dial and instructions. Wt. 7 lbs.

K10298—Each **\$5.73**

Drilled chassis for above.

K10333—Your Cost **\$1.71**

6-TUBE KIT

Uses 3-6K7, 1-6Q7, 1-6F6, 1-5Z4. Kit includes one antenna and three r.f. coils (Ferrocart), 4-gang condenser, 4" airplane dial and instructions. Wt. 7 lbs.

K10299—Your Cost **\$6.91**

Drilled chassis for above.

K10334—Your Cost **\$1.91**

4 and 5-Tube A.C. T.R.F. Receiver Kits

Patterned after the standard 110 volt a.c. t.r.f. receivers on the market. Use all-metal tubes. Coils are fully shielded.



4-TUBE KIT

Uses 1-6K7, 1-6J7, 1-6F6, 1-5Z4. Kit includes: shielded antenna and r.f. coils, 2-gang condenser, 4" airplane dial and instructions. Shpg. wt. 7 lbs.

K10296—Each **\$3.82**

Drilled chassis for above.

K10335—Your Cost **\$1.47**

5-TUBE KIT

Uses 2-6K7, 1-6J7, 1-6F6, 1-5Z4. Kit includes: one antenna and two r.f. coils, 3-gang condenser, 4" airplane dial and instructions. Shpg. wt. 7 lbs.

K10297—Each **\$4.26**

Drilled chassis for above.

K10336—Your Cost **\$1.47**

Super-Het & T.R.F. COILS

Trutest HIGH GAIN I.F. UNITS

Highly efficient design for use where space is limited. Employs two-in-one trimmer on Isolantite 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 bronze springs hold entire unit in the shield, thus facilitating easy removal for rapid servicing. Primary and secondary windings are single pi-wound. Double tuned Isolantite trimmers. Note the wide ranges.



Stock No.	Freq. Kc.	Range Kc.	Set Position	Your Cost Each
K10021	175	121-235	Input Interstage Output	69¢
K10015	175	121-235		
K10016	175	121-235		
K10017	262	220-360	Input Interstage Output	
K10018	262	215-440		
K10025	262	190-325		
K10022	456	425-650	Input Interstage Output Output C.T.	
K10027	456	435-1000		
K10034	456	425-650		
K10024	456	255-550		
K10049	8000	1800-3750	1st or 2nd Output	10 for \$6.50
K10050	3000	2000-4000		

Hi-Gain Iron-Core Transformers



Uses new Ferrocast core which improves selectivity, doubles gain, increases signals and lowers set noise. Core of fine particles of pure soft iron insulated from each other. All double tuned from top; trimmers have Isolantite base. Leads are RMA color-coded. Aluminum shield can measures 1 1/2" x 1 1/2" x 3 1/2".

Stock No.	Freq. Kc.	Set Position
K9690	175	Input
K9697	175	Interstage
K9688	175	Output
K9689	456	Input
K9698	456	Interstage
K9687	456	Output

Your Cost Per Unit, Any Type **\$1.15**

MEISSNER AIR-TUNED I.F. TRANSFORMERS

Use a new air-tuned condenser—permits 8600° of micrometer adjustment easily and accurately. Not affected by dust, shock, changes in temperature or humidity; adjustable from top of can. Shield can is 2x 2 1/2".

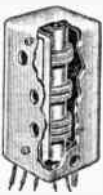


Iron-Core or Air-Core
175 kc. range from 155 to 195 kc., 456 kc. from 415 to 540 kc., 1500 kc. from 1825 to 1750 kc. and 3000 kc. units from 2500 to 3300 kc.

No. Iron-Core	Peak Kc.	Type	No. Air-Core
K10261	175	Input	K10268
K10262	175	Inter.	K10269
K10263	175	Outp.	K10270
K10264	456	Input	K10271
K10265	456	Inter.	K10272
K10266	456	Outp.	K10273
K10267	456	Out. ct	K10274
K10153	1500	Input	K10159
K10154	1500	Inter.	K10160
K10155	1500	Outp.	K10161
K10156	3000	Input	K10162
K10157	3000	Inter.	K10163
K10158	3000	Outp.	K10164

Iron Core Each **\$2.65** Air Core Each **\$2.21**

MEISSNER 3-PI I.F. TRANSFORMERS

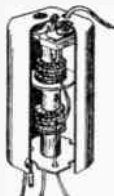


Double-tuned units; mica trimmers mounted on Isolantite base. Highly efficient three-pi windings give increased selectivity with greater fidelity. (Because of a tendency toward instability, 3-pi i.f.'s are not used in amplifiers requiring three

stages). Can is 1 1/2" x 1 1/2" x 3 1/2".
K9968—456 kc. input unit.
K9991—456 kc. output unit.
Your Cost Each, Either Type **88¢**

MEISSNER TRIPLE-TUNED I.F.'s

Provides high-fidelity reception with increased selectivity and greater sensitivity. Flat top reception over entire audio range. Isolantite base trimmers. Can is 2x2x5". Color coded leads and spade bolt mounting. With full instructions.



K9998—456 kc. input transf.
K9999—456 kc. output transf.
Your Cost Each, Either Type **\$1.47**

Composite Oscillator And I.F. Transformer



Used as combination oscillator and 1st i.f. Eliminates one tube. Top tuning. No padding necessary—made for special tracking oscillator section of .00036 mfd. condensers. Contained in aluminum shield can 3" by 2" square. K9997—175 kc. K10013—456 kc.

Your Cost Each, Either Type **\$1.08**

Jr. Trimmers

Ceramic base; adjustable from either side; uses finest mica; mounts anywhere.

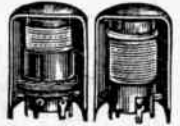


Stock No.	Range Mmfd.	No. Plates	Your Cost
K9767	10-70	2	16¢
K9768	30-160	3	19¢
K9769	60-300	4	22¢
K9770	120-475	5	29¢
K9779	550-1125	7	32¢

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 1/2" diameter, 2 1/4" high. Wound for .000365 mfd. condensers. With diagrams. Two 6-32 spade bolts for mounting. Are of the high-gain, four-bank type—the most efficient coil design. Lug terminals.
K10077—Antenna Coil
K10085—R.F. Coil
Your Cost, Either Type **31¢**



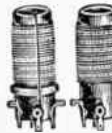
5-TUBE KIT

K10073—Comprises one antenna and two r.f. coils with complete instructions and diagrams for a 5-tube receiver.
Your Cost **90¢**

4-TUBE KIT

K10071—Comprises one antenna and one r.f. coil with complete instructions and diagrams for a 4-tube receiver.
Your Cost **61¢**

Litz-Wound AC-DC Coils



175-550 Meters
Matched high-gain coils furnished unshielded for use in t.r.f. receivers. High impedance primaries with 4-bank Litz-wound secondaries. 2 1/4" long, 3/8" diameter. Tunes with .000365 mfd., condenser. Furnished with mounting brackets and diagrams.
K10012—Antenna coil.
K10095—R.F. Coil.
Your Cost Each **29¢**
Your Cost Kit of 2 **57¢**

PENTAGRID OSCILLATOR COIL
Unshielded type made for use with .000365 mfd. condenser; thoroughly impregnated. Shielded type is 1 1/2" 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.



No.	Freq. Kc.	Padder Mmfd.	No. Un-Shielded
K10029	175	900	K10028
K10031	456	350	K10030

Net Each Shielded **56¢**
Net Each Unshielded **39¢**

PRESELECTOR COIL

3 windings; primary and 2 secondaries. Bandpass unit tunes with a .000365 mfd. condenser. Can be added to any set, needs no extra tube. With full instructions. K10275—
Your Cost **73¢**

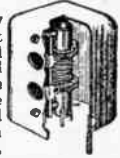
IRON-CORE ANTENNA AND R.F. COILS

The last word in coil efficiency. Will improve any set due to the increased selectivity and higher gain obtainable. Completely shielded in aluminum can 1 1/2" x 1 1/2" x 2 1/2". Antenna coil in two sizes—for standard aerial and auto type. (The conventional and large auto antennas take the high-impedance antenna coil.) Tune with standard .00365 mfd. condenser. Furnished with complete instructions and suggested circuit changes.
Stock No. Type Imped. Each
K10276 Ant. High **88¢**
K10277 Ant. Low
K10278 R.F. High



Trutest DUAL BAND COILS

These coils follow the most recent standards of coil construction and design. They are wound on Bakelite forms with spaced enameled wire on the short-wave coils, and with Litz on the broadcast windings. The shielded units are 1 1/2" x 1 1/2" x 3" and include two mica trimmers. Unshielded units do not include trimmers, but are otherwise similar. Have hi-impedance primaries. Available in broadcast, police and short wave types.



Broadcast & Police

Cover 75 to 200 and 200 to 550 meters (1500-4000 kc., and 550-1500 kc.), with .000365 mfd. unit.

Stock No.	Type	Stock No.
Shielded	Ant.	Unshielded
K10247	R.F.	K10250
K10248	R.F.	K10251
K10249	Osc.	K10252

Net Each Shielded **\$1.18**
Net Each Unshielded **58¢**

Broadcast & S.W.

Cover 15 to 55 and 190 to 550 meters (5500-20,000 kc., and 550-1600 kc.), with .000365 mfd. unit.

Stock No.	Type	Stock No.
Shielded	Ant.	Unshielded
K10253	R.F.	K10256
K10254	R.F.	K10257
K10255	Osc.	K10258

Net Each Shielded **\$1.18**
Net Each Unshielded **58¢**

Shielded R.F. Coils

Provide exceptionally high gain. All coils are matched to each other to insure maximum efficiency. Mounted on aluminum shield can 2 1/2" x 2 1/2" high and equipped with threaded spade lugs for mounting. Designed to tune with .000365 mfd. condensers. Furnished with diagrams and instructions.
K10019—Antenna coil only.
K10020—R.F. coil only.
Your Cost Each, Either Type **28¢**



FOUR-TUBE KIT

K10092—Set of one antenna and one r.f. coil.
Your Cost **56¢**

FIVE-TUBE KIT

K10087—Set of two r.f. and one antenna coil.
Your Cost **84¢**

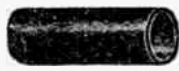
SET BUILDERS ACCESSORIES



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"	63c	6c
K13154	3"	74c	7c

Natural Tan Bakelite, 1/8" Wall

K13129	1/4"	25c	2 1/2c
K13130	3/8"	27c	2 1/2c
K13131	1/2"	32c	3c
K13132	3/4"	38c	3 1/2c

Electrician's Tape



Both friction and rubber tape are of the highest quality, kept fresh by tinfoil wrapper, and packed in individual boxes. Rubber tape will moisture proof a splice.

Stock No.	In Roll	Cost Each	10 Rolls
K14829	2 oz.	6c	55c
K14842	4 oz.	9c	85c
K14843	8 oz.	17c	\$1.60

RUBBER TAPE

K15040	4 oz.	12c	\$1.10
K15041	8 oz.	25c	2.30

Phosphor Bronze Dial Cable

Finest phosphor bronze cable. 42 strand type is made up of individual strands wound over a linen core. Provides maximum strength of stretch. 16 strand cable is closely braided.



Stock No.	Strands	Feet	Your Cost
K9933	42	5	\$0.20
K9934	42	25	.74
K9935	42	50	1.39
K9872	42	100	2.50
K9936	16	5	.06
K9937	16	25	.22
K9938	16	50	.36
K9881	16	100	.59

Linen Dial Cable

Finest black linen braided cord. Breaking strength 200 lbs. per ft. **K9939—5 ft. Your Cost..... 19c**
K9940—25 ft. Your Cost..... 78c
K9941—50 ft. Your Cost..... \$1.45
K9882—100 ft. Your Cost..... \$2.45

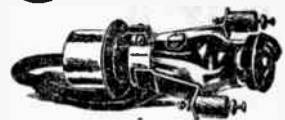
Tube Shield Jackets



Will form-fit all dome type (ST) tubes. Complete with bases for wafer sockets with mounting holes 1 1/2" to 1 3/4" apart. Bodies consist of two identical shells that hug tube shape exactly, thus saving space.
K13258—For ST14 bulbs with or without cap: 24A, 35, 2A5, O1A, 22, 26, 32, 34, etc. Comprises two halves with grounding clip.
K13262—For short ST12 tubes without grid caps: 27, 37, 56, 76, 41, 84, 12Z3, 6Z4, etc.
K13264—For short ST12 tubes with grid caps, such as the 36, 75, 77, 78, 79, 39/44, 38, 6A7, 6B7, 6C7, 6D7, 6E7, 6F7, etc.
K13263—For long ST12 tubes with grid caps, such as the 6C6, 6D6, 57, 58, etc.
Your Cost Each, Any Type..... 50c
10 for..... \$4.75



Cathode-Ray Tuning Indicator



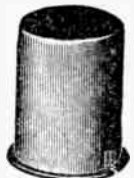
Easily installed in any receiver employing automatic volume control. The complete kit comprises a RCA 6E5 electron-ray tube, a socket and 24" cable, eye-tube escutcheon, all necessary hardware and complete instructions.
K11482—Your Cost, Complete \$1.80

"ST" Type Tube Shields



For 56, 57, 58, etc., type tubes. Three pieces. Both long (covering tube) and short (cap projects) types. Barrel diameter 1 1/2". Made of natural bright aluminum. Affords maximum ventilation. Shpg. wt. 1 lb.
K13265 4 3/4" high. Your Cost Each..... 10c
Lots of 10. Each..... 8c
K13266 3 3/4" high. Your Cost Each..... 9c
Lots of 10. Each..... 7 1/2c

NATIONAL Coil Shields



Type B-30—Base is drilled for connections. Top fits on base by means of set screws. Round type; 3" diameter, 3 1/4" high.
K13256—Your Cost..... 30c
Type J-30—One die-drawn aluminum. Round type with square mounting flange. 2 1/2" diameter, 3 3/4" high; mounting centers 2 1/2".
K13257—List 35c. Your Cost..... 21c
Type HRO Coil Shield—As used in the HRO receiver. Rectangular type; 2x2 3/4x4 1/4" high. One piece die-drawn aluminum; solid construction.
K13248—List 35c. Your Cost..... 21c

Aluminum Coil Shields

Detachable base, permits quick removal of top.
K12639—2 1/4x3" high. Your Cost..... 10c
K12640—2 1/2x3 3/4" high. Either Type..... 10c



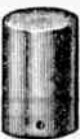
Shields For Use With Metal Tubes



For use with screen grid metal tubes. Fits over grid cap and prevents radiation from this point. Aluminum sprayed black.
K13217—Each..... 5c
Per Dozen..... 40c

Aluminum Coil Shield

Bright finish aluminum. One piece. Holes near bottom for bolts.
K12649—2 1/4x2 3/4" high. Your Cost, Either..... 8c
K12650—2 1/4x4" high. For 10..... 70c



Aluminum Corner Post

Six inches long, grooved for 1/4" aluminum. Tapped at each end to fit 3/8" machine screws. Shpg. wt. 1 lb.
K14954—Your Cost Each 18c

Plug-In Base and Shield

Type PB-10 Low loss R-39 base has prongs molded in. Four mounting holes provided to match type UM condensers. Aluminum shield can is 2x2 3/4x4 1/4".
K14601—5-Prong. Your Cost..... 45c
K14602—6-Prong. Each..... 45c
Base only. Type PB-10A.
K14603—5-Prong. Your Cost..... 24c
K14604—6-Prong. Each..... 24c



"Easy-To-Remove" Aluminum Coil Shield

Can locks to base with a bayonet thread. 2 1/4" in diameter, 2 3/4" high including base. Holes in base for leads. Of bright aluminum.
K12648—Each..... 9c
For 10..... 80c



Cathode-Ray Visual Tuning Indicator



Makes use of a cathode-ray "eye" tube to permit visual indication of correct hairline tuning. Easy to install in any set having a.v.c. Kit includes socket, bracket, bezel, cable and instructions.
K11480—Less tube. Your Cost..... 59c
Raytheon 6E5 tube..... 77c
Raytheon 2E5 tube..... 67c
K11481—Extra mounting bezel. Your Cost..... 10c

913 Adapter Assembly



Permits easy mounting of 913 cathode ray tube in any chassis. Outfit consists of a complete wired socket assembly for the 913 (long insulated leads), and a universal mounting bracket. Can be mounted in any position on the chassis. Rust-proof metal parts. List \$1.00
K11489—Your Cost..... 59c

Liquid Vitron



The famous Victron H.F. insulation in liquid form for coating r.f. coils. Dries quickly.

K15260—2-ounce can. Your Cost..... 21c
K15308—8-ounce can..... 76c
K15275—1-pint can..... \$1.47

Phenolic Radio Cement

For speaker cones, Bakelite, metal, wood, hard-rubber, etc.
K15310—2-ounce can. Your Cost..... 21c
K15311—8-ounce can..... 76c
K15312—1-pint can..... \$1.47



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

Crystalline Lacquer

For touching up and refinishing metal panels, chassis. Black.
K15259—2-ounce can. Your Cost..... 18c
K15309—8-ounce can..... 59c
K15274—1-pint can..... \$1.05

EXACT DUPLICATED DRIVE CABLES-BANDS-BELTS

Only the more popular types are listed. We can supply any cable, band or belt on order, at the lowest prices.

Model	Stock No.	Net	Model	Stock No.	Net
ATWATER KENT					
35, 37	K9822	\$0.15	MAJESTIC		
44	K9823	.24	(No. 1) 70, 71, 72	K9847	.12
46	K9920	.15	(No. 2) 70, 71, 72	K9848	.09
BOSCH					
48A	K9826	.15	52, 60	K9925	.15
58, 60	K9828	.15	PHILCO		
BRUNSWICK					
15, 22 Front	K9921	.24	71	K9927	.13
15, 22 Rear	K9922	.24	91	K9928	.13
Colonial					
31, 32	K9833	.21	46, 64, 67	K9852	.18
GENERAL MOTORS					
All	K9923	.24	RCA		
KOLSTER					
6J	K9844	.24	16, 17, 18, 33	K9853	.18
43, 44	K9845	.30	RCA†		

* Heavy cord with heads on end: † Linen cord.

DIALS

Special 2 1/2" Airplane Dial



A highly attractive full-vision airplane dial at an exceptionally low price. Has a 2 1/4" diameter dial protected by a glass lens. Ratio 6 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 3/8" bronze finished bezel. Shipping weight 1 lb.

K9912—For Clockwise Condensers
K9911—For Counter-clockwise Condensers
Your Cost Each, Either Type

56¢

NEW TWO-SPEED "BAND-SPREAD" AIRPLANE DIAL—3 15/16"

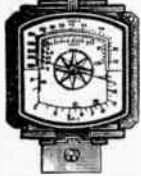


No finer dial could be desired for short-wave receivers—has both a dual pointer and a "second-hand." The band spread ratio is 36 to 1, making hair-line tuning a comparatively simple procedure. In addition to the band-spread feature, this dial has a two-speed tuning control. Normal dial to condenser ratio is 24 to 1; slow speed ratio is 125 to 1. Diameter 3 15/16". For both 1/4" and 3/8" condenser shafts. Furnished with 2 pilot light sockets, bronze escutcheon plate and double knob. For

Clockwise condensers. Shpg. wt. 2 lbs.
K14221—
Your Cost Each

\$2.25

Modern 3-Band Airplane Dial



This attractive modernistic dial will dress up any receiver. Scale supplied is calibrated for 3 bands, 550 to 1700 kc., 1.75 to 5 mc., 5 to 20 mc. Bands clearly marked and all scales easily and directly read. Ratio 12:1 in 180°, diameter 3 3/8". For use with both 3/8" and 1/4" condenser shafts. No necessity for special cabinet cutout—will fit standard 3 3/8" round opening. Complete with bronze escutcheon. Shpg. wt. 1 lb.

K9908—For clockwise condensers
K9910—For counter-clockwise cond.
Your Cost, Either Type

95¢

"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 1/2" shaft and positive friction grip drive. 2 pilot light sockets and a bronze escutcheon. Takes either 1/4" or 3/8" shafts. Shpg. wt. 2 lbs.



K9907—For counter-clockwise condensers.
K9906—For clockwise condensers.
Your Cost, Either Type

\$1.42

Special "Bulls Eye"



Ideal for transmitters, receivers, etc. For use with GE #S-6 (3 or 6 watt) candleabra bulbs, screw base, on panels up to 1/2" thick. Colors visible only when light is on. Glass mountings are chromium, other parts cadmium plated. Bulbs and color discs removable from front of panel. Mount in 1" hole; face 1 1/2" dia. Color discs supplied in red, green, amber or white; specify color desired.

K14174—Your Cost

59¢

3 15/16" Airplane Dials 6 to 1 Ratio



Two scales on a translucent dial; one scale calibrated from 9 to 100. The other scale from 100 to 0. Knife edge pointer covers entire scale. For 1/4" and 3/8" shafts. With escutcheon. Diameter of scale 3 15/16".

K9819—For clockwise condensers. Each

98¢

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 3/8"	6 1/2 to 1	\$.68
K14151	3 3/8"	8 1/2 to 1	.79
K14152	3 15/16"	10 to 1	.99
K14153	4 1/8"	12 to 1	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.



Stock No.	Calibration	Size	Your Cost Each
K9806	0-100-0	3"	38¢
K9803	200-0*	4"	
K9804	0-200*	4"	45¢
K9805	100-0-100	4"	

CROWE "Micromaster" DeLuxe Tuning Dial



A new rectangular dial that combines beauty of appearance with extremely fine band-spread tuning. Peach and brown Pyralin scale approximately 3"x6" is calibrated 0-100; bronze escutcheon is about 5 1/2" x 8 1/2". Entire face of unit is protected by a glass crystal. Has Crowe two-speed planetary drive, with slow tuning ratio of about 100 to 1 and fast ratio about 18 to 1 in 360 degrees. The secondary pointer moves about 36 times as fast as the main pointer. For 1/4" and 3/8" shafts. Furnished complete with two brown Bakelite knobs, a bronze escutcheon plate and three pilot light sockets. Wt. 2 lbs.

K14172—For clockwise condensers
K14173—For counter-clockwise condensers
List Price \$10.00
Your Cost, Either Type

\$5.88

PHILCO Dial No. 03031



Genuine Philco factory replacement part. Used in models 30, 37, 70, 70A/C, 90 (2-47's), 90 (1-47), 90 (2-47's), 470 and 490. Has heavy brown celluloid dial with scale on rear to give shadow effect. Hub takes 3/8" shaft.

List \$0.75
K9617—Your Cost

44¢

No. 03011 Dial Drive

The genuine Philco replacement part for use in the Philco models listed above. Easy to install.

List Price 35c
K9618—Your Cost Each

20¢

Type "B" Vernier Dial



Ratio variable from 6:1 to 20:1. Black Bakelite shell, 4" diam. K14367—Clockwise, 200-0 in 360°.

Your Cost Each
Either Type

\$1.65

K14352—Dial illuminator... 30c

TYPE "BM"—Similar to above but less variable ratio. 3".

K14371—0-100-0; 180°

K14372—Clockwise, 200-0; 360°

Your Cost Each

Either Type

\$1.50

TYPE "BX"—Similar to "B" but has etched scale and vernier reading to 1/10 division. List Price \$3.50

K14370—Clockwise 150-0; 270°

Your Cost

\$2.10

NATIONAL DIALS

Type "N" Precision Dial



Has machine divided scale and vernier of solid German silver. Reads to 1/10 of a division, insuring accurate tuning at all times. The smooth, planetary drive mechanism has a ratio of 5 to 1. Verniers are flush, eliminating errors due to parallax. Diameter of dial 4". Large, knurled Bakelite control knob is an integral part of the dial assembly. Mounts on front of panel.

K14363—Scale 0-100, 180°. Counter-clockwise

K14364—Clockwise 100-0, 180°

K14365—Clockwise 150-0, 270°

K14366—Counter-clockwise, 200-0, 360°.

List Price \$6.75

Your Cost Each

\$4.05

Type "A" Vernier Dial



The original "Velvet Vernier." Has smooth mechanism and gives perfect control for selective circuits. Black Bakelite knob and shell. No backlash exists; none can develop. Uses gearless transmission. 4" diameter except as indicated. List Price \$3.00

K14375—Clockwise 200-0, 360°

K14376—Clockwise 150-0, 270°

K14373—C-clockwise 0-100, 180°, 3 3/8" diameter

Your Cost Each

\$1.80

NOTE: A complete listing of National short-wave receivers, parts and accessories on pages 100, 101 and 102.

Type "O" 3 1/2" Dial

Circular grained in German silver. Counter-clockwise, 0-100, 180°. Ample Bakelite knob. For 1/4" shaft.



List \$1.50
K14567—Your Cost

90¢

HRO Knob.—As used on above. 2 3/8" diam.; 1/4" shaft; knurled circumference. Type HRK

K14564—Your Cost

\$1.51

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. Used on

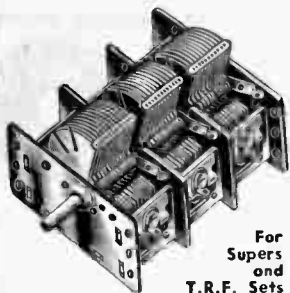
HRO sets. List 75c
K14568—Your Cost

45¢

Variable Condensers and Knobs



Trustest 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 1/4" diameter, 1 1/4" long shafts; each furnished with a split bushing for 1/8" dials. All types available with clockwise and counter clockwise rotation. Size: 1 1/2" high, 3 3/4" wide. 1-gang condensers are 1 1/2" long; 2-gang condensers are 2 1/2" long; 3-gang condensers are 3 3/4" long. Average shipping weight 2 lbs.

For Supers and T.R.F. Sets

COUNTER-CLOCKWISE CLOCKWISE

.000365 Mfd. for T. R. F. Circuits

Stock No.	Gangs	Your Cost	Stock No.	Gangs	Your Cost
K9710	1	50.78	K9720	1	50.78
K9711	2	.89	K9721	2	.89
K9712	3	1.29	K9722	3	1.29

.00041 Mfd. for T. R. F. Circuits

Stock No.	Gangs	Your Cost	Stock No.	Gangs	Your Cost
K9732	2	.89	K9734	2	.89
K9733	3	1.29	K9735	3	1.29

.000365 Mfd. for 175 Kc. Superhets

Stock No.	Gangs	Your Cost	Stock No.	Gangs	Your Cost
K9792	2	.89	K9794	2	.89
K9793	3	1.29	K9795	3	1.29

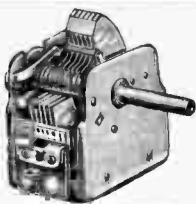
.000365 Mfd. for 456 Kc. Superhets

Stock No.	Gangs	Your Cost	Stock No.	Gangs	Your Cost
K9798	2	.89	K9796	2	.89
K9799	3	1.29	K9797	3	1.29

Compact Single Condensers

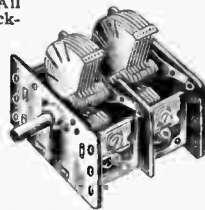
Heavy aluminum plates with brass supports; 1/4" brass shaft extends 1 1/4"; ball-bearing rotors; end stop; counter-clockwise rotation. Overall: 1 1/2" high, 1 1/2" deep, 2 1/4" wide. Supplied less trimmers. Shpg. wt. 1 lb.

Stock No.	Cap. Mfd.	Your Cost Each
K9762	.0001	59^c
K9763	.00014	
K9764	.00025	
K9765	.000365	



Trustest SHORT-WAVE CONDENSERS

Single and multiple gang variable condensers of the low shield type. Designed for use with all types of short-wave receivers. Have heavy aluminum plates and ball bearing rotors. All units shown in the listing have counter-clockwise rotation. Shafts are 1/4" in diameter and extend 1 1/4" from panel. Size of units: 1-gang—3 3/4"x1 1/2"x1 3/4"; 2-gang—3 3/4"x1 1/2"x2 1/2"; 3-gang—3 3/4"x2 3/4"x1 1/2". Supplied with trimmers.



Stock No.	Cap. Mfd.	Gangs	Your Cost Each
K9716	.00015	1	78^c
K9717	.00025	1	
K9718	.0001	2	85^c
K9719	.00015	2	
K9766	.00014	3	\$1.29

MIDGET TRIMMERS

These extremely compact trimmers are mounted on Bakelite strips and are ideal for use in shortwave sets. 3 to 30 mmfd. 10 for 50c

K9775—Your Cost Each **6^c**
DUAL MIDGET TRIMMERS
 Same as above, but consist of two trimmers mounted on a single Bakelite strip. Capacitance, 3 to 30 mmfd. each.
 K9776—10 for \$1.10. Your Cost Each **12^c**



BAKELITE BAR KNOBS



Highly polished Bakelite knobs with arrow pointers. For 1/4" shafts; set screw type. K13055—2 1/2" long, 3/4" skirt, 1 1/2" rad. 10 for 70c. Your Cost Each **8^c**
 K13053—1 1/4" long, 3/4" skirt, 3/8" rad. 10 for 50c. Your Cost Each **6^c**

MODERN BAKELITE KNOBS



Similar to those listed above. Have attractive modernistic designs. Of molded Bakelite, with inserts for 1/4" shafts; set screw type. Type F is especially designed for use with midget receivers; others for general, all-purpose use.

Stock No.	Type No.	Diam. Inches	Your Cost Each	10 For
K9660	F	1 1/4"	6 ^c	50 ^c
K9652	G	1 1/4"	6 ^c	50 ^c
K9691	H	1 1/4"	5 ^c	40 ^c
K9692	J	1 1/4"	5 ^c	40 ^c

POPULAR BAKELITE KNOBS



These popular, hand-some 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 1/4" shafts. For all purposes.

Stock No.	Type No.	Diam. In.	Your Cost Each
K9653	K	1 1/4"	7^c
K9654	L	1 1/4"	
K9657	M	1 1/4"	
K9658	M	1 1/4"	7^c
K9659	M	1 1/4"	
K9656	N	1 1/4"	6^c
K9885	O	1 1/4"	
K9886	O	1 1/4"	

STANDARD PILOT LIGHT BRACKETS

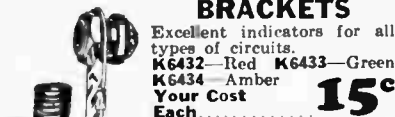


Type A is the adjustable bracket type; type B rubber grommet type; C is the up-clip type; D is the down-clip type; E is the bayonet type.

Stock No.	Type	Your Cost Each
K6510	Type A	5^c
K6511	Type B	
K6512	Type C	
K6513	Type D	
K6514	Type E	

10 for 40c; 100 for \$3.50

JEWELLED PILOT LIGHT BRACKETS



Excellent indicators for all types of circuits. K6432—Red K6433—Green K6434—Amber Your Cost Each **15^c**

Same as above, but with a candelabra base K6426—Red K6427—Green Your Cost Each **20^c**

Stock No.	Type	Your Cost Each
K6429	Red	10^c
K6430	Green	
K6431	Amber	10^c
K6432	Red	

Your Cost Each

JUMBO JEWEL BRACKET

Fine indicators for every type circuit. For test panel mount in 1 1/4" hole. Jewel removable to replace bulb from front of panel. K6416—Red Jewel K6417—Green Jewel K6418—Amber Jewel Your Cost Each **24^c**

FRICITION DRIVE RUBBERS



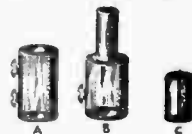
Eight different types of friction drive rubbers for popular receivers, including Atwater Kent, R.C.A., Stewart-Warner, etc. An indispensable kit for all servicemen. K9400—Kit of 24 rubbers. Your Cost **88^c**

Bud Panel Bearing Assembly

Ideal for use with rigid or flexible couplings when mounting volume controls, condensers, etc., back from panel. Bearing fits up to 3/8" thick panel. K9562—Length 6". Each **27c**
 K9563—Length 3". Each **23c**
 K9564—Bearing only. Each **12c**

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. Machined to exact size as specified. 6-32 machine screws used on all couplings and extenders. All types available in brass or insulating material.

Inches	Fig.	No.	Purpose	Insul.	Stock No.	Brass
1/4 x 1/4"	A	Coupling	K15014	K15009		
3/8 x 3/8"	A	Coupling	K15006	K15001		
1/2 x 1/2"	A	Coupling	K15008	K15002		
3/4 x 3/4"	B	Extender	K15017	K15004		
1 x 1"	B	Extender	K15018	K15005		
1 1/4 x 1 1/4"	B	Extender	K15009	K15003		

10 for **85c**
 100 for **\$8.25**
 Your Cost Each, Any Type **9^c**

SPLIT BUSHING

Fig. C. For increasing shaft diam. from 1/4" to 3/8". Brass, 1/4" long. 10 for **35c**
 K9730—Your Cost Each **5^c**

FIBRE AND BRASS SHAFTING

Full length, and straight, 1/4" diameter. K15010—Brass 6" long. Your Cost **10c**
 K15011—Fibre 6" long. Your Cost **10c**
 K15012—Brass 12" long. Your Cost **19c**
 K15013—Fibre 12" long. Your Cost **19c**

FLEXIBLE 1/4" SHAFT COUPLER

For use in coupling two 1/4 inch shafts or for extending a shaft at an offset angle. Insulated. K9751—Fibre Your Cost Each **21^c**
 K9750—Insulex. Your Cost Each **29c**



YAXLEY RADIO PRODUCTS

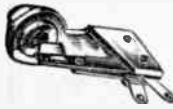
YAXLEY Midget Jacks

Extremely compact. Mount in $\frac{1}{4}$ " hole. Type A-1 "Infant" jack is not illustrated.



Stock No.	Part No.	Type	Your Cost
K6182	A-1	Open Circuit	15c
K6183	A-2	Circuit Closing	23c
K6184	A-2A	Two Circuit	29c
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		
K6450—Your Cost		23c
K6451—No. 702. Circuit closing.		
K6452—No. 702B. Three circuit microphone.		
Your Cost, Either Type		32c
No. 703—Single circuit filament control.		
K6452—Your Cost		38c
No. 704. Interstage.		
K6453—Your Cost		44c
No. 706. Interstage filament control.		
K6448—Your Cost		56c

YAXLEY Radio Convenience Outlets Antenna and Ground Outlet



No. 116—Has two pin jacks marked "Ant" and "Gnd". Comes complete with tip plugs. Shpg. wt. 1 lb.

K6407—Bakelite		
Your Cost Each		41c
K6406—Brass		

Aerial, Ground and Duplex A.C.

No. 216—Has two pin tip jacks and two a.c. receptacles. With two tip plugs.



K6414—Brass		
K6415—Bakelite		
Your Cost Each		65c

Mallory Bias Cell



Solves the bias problem. No current potential of 1 volt, plus or minus 10%. Saves parts when used for biasing. Lasts indefinitely. "High", diam. Can not be used with a load.

K6419—Cell only		
Your Cost Each		18c

Holder for Above



Handy units to hold cells in series. Unit shown is single cell.

K6420—For one cell		
K6421—For 2 cells		12c
K6422—For 3 cells		15c
K6423—For 4 cells		21c

Molded Twin Tip Jacks



Shorting Type Circuit is closed when the tips are removed.

Red or Black. Specify color.		
K13035—Your Cost		18c

Midget Jack Switches

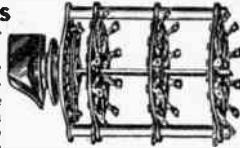
Require little space. With knob, pointer and on-off plate. $\frac{1}{4}$ " hole mount.



No. 10—S.P.S.T.		
K6446—Your Cost		29c
No. 11—S.P.D.T.		
K6447—Your Cost		38c

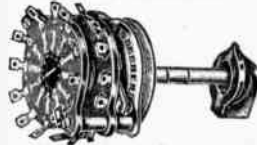
YAXLEY Gang Switches

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.



Shorting		Non Shorting		Your Cost	
Stock No.	Stock No.	Circuits	Points	Each	
K6247	K6263	1 Circuit.	1 to 6 points	.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	

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. Shpg. wt. 2 lbs. List \$4.50

K6370—Your Cost		\$2.65
No. 1312A—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

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.

Two Position Switches		Your Cost	
Stock No.	Part No.	Type	Cost
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)		Your Cost	
Stock No.	Part No.	Type	Cost
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

Insulated Tip Jack



No. 420—Bakelite. Phone tips nest all the way in jack. Mount in $\frac{1}{4}$ " hole.

K6507—Green		
K6508—Yellow		
Your Cost Each		9c
Per Pair, 1 red 1 black		
K6467—Your Cost		15c
K6505—Red		
K6506—Black		

We can supply any Yaxley item not listed on this page at a discount of 40 and 2% from the list price. Prompt delivery.

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	K6223	0 to 100
K6226	1 to 4	K6244	Volume
K6227	1 to 5	K6235	Off—1 to 3
K6228	1 to 6	K6236	Off—1 to 4
K6229	1 to 7	K6237	Off—1 to 5
K6230	1 to 8	K6238	Off—1 to 6
K6231	1 to 9	K6239	Off—1 to 7
K6232	1 to 10	K6240	Off—1 to 8
K6233	1 to 11	K6241	Off—1 to 9
K6234	1 to 12	K6242	Off—1 to 10

Your Cost Each, Any Above Type..... 9c

Tip Jacks



No. 416—Round head type. Tinned lug terminal. Mount in a $\frac{1}{8}$ " panel hole.

K6437—Your Cost..... 6c



No. 417—Nickel plated brass. Used for speaker connections, battery leads, etc. Mounts in a single $\frac{1}{8}$ " hole.

K6455—Your Cost Each... 6c



Tip jack with positive single conductor contact, used for test panels, instruments, battery leads, etc. Hole $\frac{3}{8}$ ".

K6444—Each... 18c



Type A—For use with all tip jacks. Ideal for use on test leads, meter and panel apparatus. Solderless type.

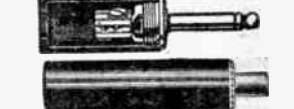
K6438—Your Cost Each 5c



Type B—Same as above, but with short tip.

K6439—Your Cost Each... 6c

Phone Plugs and Jacks



No. 75—Bakelite housing. Screw term. coin slots.

K6295—Your Cost..... 29c

No. 75TC—Same as above, with inside loop for tie cord.

K6345—Your Cost..... 35c

No. 75A—Same as No. 75, with heavy nickel shell.

K6346—Your Cost..... \$1.32

No. 76—Three-way microphone plug. Bakelite shell.

K6296—Your Cost..... 59c

No. 76A—Same as above, with heavy nickel shell.

K6347—Your Cost..... \$1.47

No. 100—Extension jack, fibre shell. For No. 75 plug.

K6348—Your Cost..... 44c

No. 100A—Same as above, nickel shell. For 75A plug.

K6349—Your Cost..... \$1.47

No. 101A—Mike jack, nickel shell. For 76A plug.

K6344—Your Cost... \$1.62

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.	10c
K16821	S.P.D.T.	12c
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 1/2" long; double pole 2 1/2".

Stock No.	Type	Your Cost
K16830	S.P.S.T.	26c
K16831	S.P.D.T.	32c
K16832	D.P.S.T.	37c
K16833	D.P.D.T.	44c
K16834	3-P.S.T.	62c
K16835	3-P.D.T.	63c
K16836	4-P.S.T.	74c
K16837	4-P.D.T.	81c

Midget Knife Switches

For base or panel mounting. Have black Bakelite bases, nickeled brass parts. Single pole types 1 1/4" long, 1/2" wide; double pole 1 1/4" long, 1" wide.

Stock No.	Type	Your Cost
K16842	S.P.S.T.	9c
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 1/8" Bakelite strip. 3/4" between centers. Heavy duty type.

Stock No.	Lugs	Your Cost	
K13031	3	4 ³⁵ c	
K13032	4		
K13033	5		5c
K13034	6		45c

Twin Terminal Strip

Bakelite strip 2" long and 1 1/4" wide. Cadmium plated screw terminals. Centers 3/4".

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 1/2" diam.

Single Pole-Single Throw

K12836—1/2" stem
Your Cost, Each 17c
10 for \$1.60

K12835—1" stem
Your Cost, Each 20c
10 for \$1.90

Single Pole-Double Throw

K12834—1/2" stem
Your Cost, Each 22c
10 for \$2.05

Double Pole-Double Throw

K12833—1/2" stem
Your Cost, Each 38c
10 for \$3.65

Double Pole-Single Throw

K12817—1/2" stem
Your Cost, Each 29c
10 for \$2.75

Rotary Switches S. P. S. T.

Approved by the Underwriters. Bakelite encased. 3 amps., 125 v. 1 1/2" shaft for knob.

K12838—14c Each
10 for \$1.30

Single Pole Triple Throw

Exposed type. Dead center position. 1/2" shaft, with hex. nut.

K12831—75c Each
10 for \$7.30

Single Pole-Double Throw

Similar to above. 1/2" shaft.

K12832—25c Your Cost, Each
10 for \$2.35

"On-Off" Switch Plates

Heavily nickel plated. With locating projection. Marked "on" and "off".

K12818—2c Your Cost Each
10 for \$13c

C-H POWER SWITCHES

Heavy duty switches for amplifiers, motor control, etc. Ratings given are at 250 volts a.c. 1/4" bushings.

Stock No.	Type	Ratings	H.P.	Ea.	For 10
K12813	S.P.S.T.	5 amperes	35c	\$3.20	
K12814	D.P.S.T.	5 amperes	39c	3.50	
K12815	S.P.S.T.	10 amperes	59c	5.45	
K12816	D.P.S.T.	10 amperes	65c	5.95	

Binding Posts

Spring Clamp Binding Posts

Insulated top. Spring clamp holds wire. Overall length 1 1/2".

K13046—Blank (no mk.)
K13047—Marked ANT
K13048—Marked GND

Your Cost Each 5c
10 for \$5.05

Spring Clamp Binding Post Assembly

Posts mounted on Bakelite strip 2" long, 1 1/4" wide. Centers 1 1/8". Marked "Ant" and "Gnd".

K13049—Your Cost 12c
10 for \$1.05

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

Insulated Posts

Red or black composition top. Plated ferrule. Specify color.

K13163—5c Your Cost
10 for \$5.00

Non-Removable Top Binding Post

With grommets. Stud has hole. 3/8" long (closed).

K13003—Red 8c ea.
K13001—Black

Colored Twin Tip Jack

Colored insulation; one red and one black tip jack. Centers 3/4".

K12936—12c Your Cost

EBY Binding Posts Non-Removable Tops

Special designed for use on metal chassis. Stud has hole.

K13082—Ace Post
Has 1/2" stud, 3/4" long.
Your Cost Each 9c

K13083—Ensign Post
Has 3/8" stud, 5/8" long.
Your Cost Each 11c

K13084—Commander Post
Has 1/2" stud, 1/2" long.
Your Cost Each 20c

EBY Twin Post Units

On laminated strips, marked "ANT" and "GND".

K13062—15c Your Cost
Similar to above, but triple post marked "LANT", "SANT", and "GND".

K13063—20c Your Cost

Screw Binding Post Terminal Strip

Two knurled head screws mounted on 2" Bakelite plate. Non-removable. Centers 1 1/8".

10 for 45c
K13006—Your Cost Each 5c

Heavy Metal Binding Post

Nickel plated brass. Approximately 1" high.

K12946—6c Your Cost Each
10 for 50c

Binding Post Top

Black molded Bakelite. Has brass insert with 3/8" thread 1/2" high, 3/8" diameter.

K13085—3/8" thread.
K13081—1/2" thread.
Your Cost Each 2c

H. & H. Rotary Panel Switches

Rated 3 amps., 125 volts. Approved type. Cadmium plated lug terminals. Furnished with locknuts. Shaft extends 1". Bushing 3/8" in diameter.

Stock No.	Type	Your Cost	Each	10 For
K12779	S.P.S.T.	17c	\$1.60	
K12780	S.P.S.T.*	22c	2.05	
K12781	D.P.S.T.	35c	3.40	
K12782	D.P.S.T.*	44c	4.18	
K12783	D.P.D.T.	40c	3.75	
K12784	D.P.D.T.*	42c	4.05	

* Bushing extends 1". Others have 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 1/8" diameter and 5/8" long. In three standard types shown below.

Metal Plunger

Used on Supreme instruments and other makes.

K12774—31c Your Cost
10 For \$2.79

Bakelite Button Type

With concave Bakelite button.

K12775—Red
K12776—Black

Your Cost 40c
10 For \$3.60

Bakelite Tip

Supplied with a narrow Bakelite tip at the end of the plunger.

K12777—Red
K12778—Black

Your Cost 32c
10 For \$2.89

Key Lock Switches

Designed for use in auto or portable receivers. Approved, rated 3 amps., 250 volts.

K6221—S.P.S.T.
K6222—D.P.S.T.

Your Cost Each 35c
Your Cost Each 49c

Heavy Bakelite Terminal Strips

Screw and collar terminals mounted on 1/4" Bakelite strips, 3/8" wide.

No.	Term.	Centers	Each
K13140	2	1 1/2"	9c
K13141	3	2"	12c
K13142	4	2 1/4"	15c
K13143	5	3 1/2"	19c
K13144	6	4"	23c

BAKELITE MOUNTING STRIPS

For mounting parts which are to be insulated from chassis. Tinned.

Stock No.	Lugs	Each	10 For
K13133	2	3c	22c
K13134	3	3c	24c
K13135	4	5c	39c
K13137	6	5c	44c

Voltage REGULATORS — RECTIFIERS and SPECIAL BULBS

AMPERITE A.C.-D.C. Resistor Tubes



Seventeen types replace practically all A.C.-D.C. resistor tubes now in use. Refer to replacement listings for types replaced by Amperite tubes.

Types 6B, BF40, 50A2, 50B2, 3ER-248, 60R-30G, 878R48 and 165R4 replace other tubes with the same designations only.

Replaces All A.C.-D.C. Ballasts

Amperite Type	Beginning With Letters	With Numbers From	Ending With Letters
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	K.L.M or BK	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

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

140R4	140L44	KX42B	LX42D	LX49C	KX55D
140R8	50X3T	KX42C	KX49B	LX49D	LX55B
140R44	165R8	KX42D	KX49C	KX55A	LX55C
110L4	165R44	LX42B	KX49D	KX55B	LX55D
140L8	165L4	LX42C	LX49B	KX55C	

Type 50-AB—Octal Base

Replaces the following types:
24B2 42A2 49B2 56B2
21R212 49A1 55A1
42A1 49A2 55A2

Type 3-40—4-Prong

Replaces the following types:
5B 140R 185R KX49A
50 165R KX42A KX55A
50X3

Line Cord Resistors



K5241—360 ohms. 2-tube sets.
K5242—310 ohms. For 4-tube sets using a 6-volt rectifier.
K5329—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^c**
Any Type.....

220-Volt to 110 Volts 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^c** each
K5244—Foreign... **59^c** each



TRUTEST Replacement Ballast Tubes

New glass and metal tubes to be used as filament-dropping resistors in A.C.-D.C. midgests. Glass tubes have usual 4 prong base, metal tubes are octal. The 185R and K55 types are for use with 2-6.3 v. and 2-25 v. tubes. The 165R and K49 types are for use with 3-6.3 v. and 2-25 v. tubes. Only most popular replacements listed below. Write for FREE chart for others.

Glass Ballast Tubes (4 Prong Base)

Stock No.	Type No.	Ohms	Voltage Drop	Pilot Lights*	No. Taps
K6865	185R	185	54.9	None	None
K6866	185R4	185	54.9	1	1
K6867	185R8	185	54.9	2	1
K6868	165R4	162	48.6	1	1
K6869	165R8	162	48.6	2	1

Metal Ballast Tubes (Octal Base)

K6870	K55B	185	54.9	1	1
K6871	K55C	185	54.9	2	1
K6872	K55D	185	54.9	2	2
K6873	K49B	162	48.6	1	1
K6874	K49C	162	48.6	2	1
K6875	K49D	162	48.6	2	2
K6876	L49B	162	48.6	1	1
K6877	L49C	162	48.6	2	1

*No. 40 brown bead type, 6.3 volts.
Any Type Listed Above
Your Cost, Each.....

29^c

CLAROSTAT Ballasts

Will maintain constant voltage into receiver. Shpg. wt. 2 lbs.

No. Type
K6805 Brunswick
K6806 Clarion
K6808 Grebe
K6816 Majestic
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 Ea. **\$1.05**



AMPERITE Voltage Regulator Tubes

Keeps input voltage to receiver or amplifier constant. Easily installed on any a.c. receiver using socket listed below. Minimizes overloading of resistors and condensers. Specify type desired when ordering.
K19100—For 110 Volt A.C. Sets.
Tubes Use Tubes Use Each
4-5 5A5 8-10 9A5
6-7 7A5 11-12 11A5 **\$1.25**
Amperite Socket for above.
K19101—Your Cost Each... 15c



GENUINE MAZDA PILOT LITE BULBS

These are genuine GE bulbs of American manufacture. They are used for radio dial illumination, as indicators in test instruments, etc. Shpg. wt. 8 oz. per carton of ten. This list fills every radio need.

Stock No.	Type	Volts	Amp.	Each	For Ten
K12250	41	2.5	0.5	9c	54c
K12251	42	3.2	.35	12c	69c
K12252	46	6.3	.25	9c	53c
K12254	40*	6.3	.15	9c	53c

**"Brown bead" type for a.c.-d.c. sets.

Special Air-Cell Bulb

Tubular bulb, miniature base. Exceedingly low drain, 0.06 ampere, at 2 volts.
K12274—Carton of 10, \$1.15
Your Cost Each..... **20^c**

VICTOR-MAZDA Pilot Bulb

Intermediate base, frosted bulb. 110 volts. For use in Colonial, Victor and other receivers.
K12253—Carton of 10, \$1.65
Your Cost Each..... **17^c**

Special Auto Radio Bulbs

Round bulb, miniature base. 6-8 volts at 0.15 ampere. Mazda type No. 50.
K12273—Carton of 10, 59c
Your Cost Each..... **10^c**

DIAL LIGHT COLORING



Kit of 4 colors, red, green, blue and amber, and bottle of solvent. Each in screw-top, wide-mouth bottle for easy dipping. Dries in 1 minute. Color is permanent. A money-saver.
K15185—Your Cost Per Kit..... **29^c**

Genuine Tungar Bulbs



Used in battery chargers, "A" eliminators, etc. They can be used in place of Rectignon 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	
K21903	D	6 ampere	
K21911	D	15 ampere	\$8.82

TUNGAR-TYPE BULBS

K21905—.6 amp. bulb for trickle chargers. Shpg. wt. 1 lb. **\$1.85**
Your Cost Each.....
K21906—2-amp. bulb with tip. **\$1.85**
Your Cost Each.....
K21907—2-amp. bulb without tip. **\$1.85**
Your Cost Each.....
K21908—6-ampere bulb. **\$3.45**
Your Cost Each.....

Automatic Line Voltage Control

A dependable line voltage control unit. Small, neat, easy to install. Will fit any standard 110 volt a.c. outlet. For receivers (a.c.) with up to nine tubes. Steel-clad, air cooled. Lengthens tube life and protects components. Shpg. wt. 1 lb.
K16955—List Price \$1.25. **30^c**
Your Cost.....



NEON GLOW LAMPS

Used extensively in test instruments such as leakage testers, high resistance indicators, short testers, continuity testers, etc. Draw a negligible amount of current. Are extremely sensitive. Glow with a brilliant orange-red radiance. On d.c. only one electrode glows (the negative), but gives as much illumination as do both electrodes on a.c. All operate on 105-125 volts a.c. or d.c. except the 1/4 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.

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

Stock No.	Type No.	Finish	Watts	Your Cost Each
K12265	G10	Clear	1	36^c
K12266	G10	Clear	1	
K12267	S14	Clear	2	45c
K12262	S14	Red	2	49^c
K12263	S14	Yellow	2	
K12276	S14	Clear	3	54c

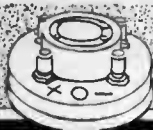
CANDELABRA BASE

K12264	T4 1/2	Clear	1/4	36c
K12277	G10	Clear	1/2	41^c
K12278	G10	Clear	1	

PORCELAIN RECEPTACLES For Neon Glow Lamps

K13331—Candelabra base. **7^c**
K13330—Miniature. **7^c**
Either Size, Each.....
K13327—Standard base. **9^c**
Your Cost Each.....





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	7°
K13058	Five	
K13059	Six	
K13061	7, small	
K13060	7, large	
K13050	8, octal	10 For 65c 9c 10 For 85c

STEATITE		Your Cost Ea.
Stock No.	Prongs	Each
K13194	Four	24°
K13195	Five	
K13196	Six	
K13197	7, small	10 For \$2.25
K13198	7, large	29° 10 For
K13199	8, octal	29° \$2.75

SUB-PANEL WAFER SOCKETS



Sturdily constructed of laminated Bakelite. Cadmium-plated, self-aligning, floating one-piece contacts. Midgets have 1 1/8" centers; standards have 1 1/4" centers. Octal midgets fit all metal and Completely insulated top; have no markings.



Standard Size		Your Cost Ea.
Stock No.	Prongs	Each
K13070	Four	5°
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	5° 45°	55c
K13115	Five		
K13121	Six		
K13122	7, small		
K13125	7, large		
K13127	8, octal	6c	

Bakelite Combination Base or Panel Mount Sockets

Molded of black Bakelite. Phosphor bronze contacts. Top is grooved.



STANDARD SOCKETS

Stock No.	Prongs	Each	10 For
K13090	4	15c	\$1.45
K13091	5		
K13092	6	21c	\$2.05
K13093	7, small		
K13094	7, large	23c	2.10
K13080	8, octal		

COMBINATION SOCKETS

K13095—Comb. 4, 5, 6 prong.
K13096—Comb. 5, 6, small 7 prong.
Your Cost Each, Either Type **25°**

NA-ALD BASE MOUNT Sockets



For bread-board mounting. Of molded Bakelite with binding post terminals. All con-nals. All con-nals. 1 1/2" sections plainly marked.

Stock No.	Prongs	Stock No.	Prongs	Your Cost Each, Any Type
K11692	4	K11695	7 small	21°
K11693	5	K11696	7 large	
K11694	6			

Bakelite Speaker Plugs



With Sure Grip Handles



Female		Male	
Stock No.	Prongs	Stock No.	Prongs
K11528	4	K11532	4
K11529	5	K11533	5
K11673	6	K11678	6
K11674	7 L	K11679	7 S
K11675	7 S	K11680	8
K11676	8	K11672	8

Your Cost Each **24c** **18c**

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. Shpg. wt. 1 lb.

K12636—Your Cost Each **35°**

Type 802 Socket

Type 802 Socket similar to above, but designed for tubes such as the 802, etc. For large or small 7-prong tubes.

K14012—Each **38°**

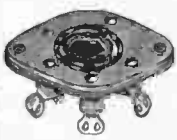
AMPHENOL ABOVE-CHASSIS SOCKETS



Chassis-type socket in aluminum shell. 1/8" above sub-panel. Has 4 'knockouts' for leads and flange.

Stock No.	Prongs	Each
K13100	4	7°
K13101	5	
K13102	6	
K13103	7 S	
K13104	7 L	
K13105	7 Com.	10 For 65c
K13106	8 Oct.	10 For 85c

INSULEX Sockets



Low loss. Top and sides glazed. Re-enforced springs. 2 1/4" long, 1 1/2" wide. Centers 1 1/2".

Stock No.	Prongs	Your Cost Each
K13064	4	25°
K13065	5	
K13066	6	
K13067	7 S	
K13068	8 octal	10 For \$2.35

Mylex H. F. Tube Sockets

For high frequency transmitters. All prongs are plated and rigidly riveted.



Stock No.	Prongs	Your Cost Each
K13116	4 Prong	48°
K13117	5 Prong	
K13118	6 Prong	
K13119	7 Prong, small	
K13120	7 Prong, large	

No. 12 EBY Sockets

Molded Bakelite. For sub-panel or top of panel mounting. Sturdily constructed.

Stock No.	Prongs	Your Cost Each
K13072	4	18°
K13073	5	
K13076	6	24°
K13077	7 L & S	
K13079	8 octal		26c

NEW! NATIONAL Isolantite Sockets

Isolantite body in metal ring can be rotated and locked. All but octal mount on ceramic stand-off (furnished). Two metal pillars furnished with octal type.



No.	Prongs	No.	Prongs	Your Cost Each, Any Type
K14534	4	K14537	7 small	24°
K14535	5	K14538	7 large	
K14536	6	K14539	8 octal	

Plug and Socket Cable Connectors

Molded connectors designed to fit the standard tube sockets. Removable caps.



No.	Prongs	Each
K11666	4	9c
K11667	5	12c
K11668	6	15°
K11670	7 S	
K11669	7 L	
K11671	8 octal		18c

Mylex Acorn Socket

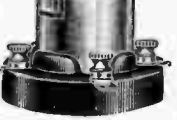
Made of genuine Mylex, 1 1/4" square. For both 954 and 955 types acorn tubes. Rugged spring contacts make efficient connection with tube element terminals.



K13171—Your Cost Ea. **50°**

JOHNSON X'mitting Sockets

Glazed porcelain base, nickel-plated brass shell. Low resistance, dual wiping contacts. For base-board mounting. Shpg. wt. 2 lbs. K14160—Standard UX base Your Cost Each **50°**
K14161—50-watt base Your Cost Each **73°**



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 Each **59°**

"Giant" 5-Prong Socket

Similar to 50-watt model above. Side wiping phosphor bronze contacts. For tubes like the RK28, 809. Shpg. wt. 3 lbs. **\$1.47**
K14157—Each
250-Watt Socket Set
For 204A, 849, etc. 2-piece set. White glazed porcelain. Safety cup on plate. Shpg. wt. 3 lbs. K14158—Your Cost **\$2.06**

AMPHENOL Cable Connectors



Steel-clad, 1 1/4" diam., 1 1/4" long. MALE CONNECTORS

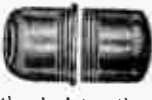
Stock No.	Prongs	Your Cost
K11471	4	15°
K11472	5	
K11473	6	
K11474	7 S	

FEMALE CONNECTORS

Stock No.	Prongs	Your Cost
K11475	4	15°
K11476	5	
K11477	6	
K11478	7 S	

Locking Metal Sleeve Connectors

Designed to fit over the male and female connectors shown above. Cadmium plated steel, threaded so that they lock together. Diameter overall 1 1/2", length 2 1/2". K11479—10 For \$1.35 Your Cost, Per Pair **15°**



Eby Rubber Capped Male and Female Plugs

Molded rubber. Standard socket arrangement of holes and prongs. Ideal for outdoor use. Handles 1" long.



Male		Female	
Stock No.	Prongs	Stock No.	Prongs
K11705	2c	K11710	2c
K11706	5	K11711	29c
K11707	6	K11712	32c
K11708	7 S	K11713	32c

Two-Piece Connectors

Molded Bakelite shells. Standard tube socket connections. Prices for two-piece connector K11697—4 Circuit Your Cost
K11698—5 Circuit Each 12c
K11699—6 Circuit 10 For \$1.10



YAXLEY Pin Plugs



Bakelite insulation, polarized plugs. Positive spring contacts. K6375—No. 635. 7-prong male. K6379—No. 645. 7-prong female. Your Cost, Either Type **59°**
K6376—No. 625. 12-prong male. K6380—No. 615. 12-prong female. Your Cost, Either Type **73°**

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

BELDEN RADIO PRODUCTS



Belden Aerial Wire

Finest grade copper, heavily enameled. The 1000 ft. length is wound on a steel spool. Shpg. wt. per 100 ft., 4 lbs.

K16232 —7x20 Beldenamel. Sited for short-wave aerial systems.	
100 ft. Your Cost	\$1.18
1000 ft. Your Cost	11.77
K16229 —7x22 Beldenamel.	
75 ft. Your Cost	\$0.46
100 ft. Your Cost.....	.61
150 ft. Your Cost.....	.91
1000 ft. Your Cost	6.03

Solid Beldenamel

K16233 —No. 10	
100 ft. Your Cost	\$1.15
1000 ft. Your Cost	10.51
K16230 —No. 12	
100 ft. Your Cost	\$0.74
1000 ft. Your Cost	7.35
K16231 —No. 14	
100 ft. Your Cost	\$0.48

Tinned Aerial Wire

An old standby. Very popular where good installations are wanted. #22. Shpg. wt. per 100 ft. 4 lbs.

K16228—100 ft. coil. **Your Cost**..... **53¢**

1000 ft. per spool. **Your Cost**..... **\$5.17**



BELDEN All Rubber Lead-in Wire

Special rubber compound strips quickly and easily. All lengths supplied on metal spools.

Shpg. wt. per 100 ft., 3 lbs.

K16225 —No. 14 Seven-Strand	
50 ft. length. Your Cost	\$0.69
250 ft. length. Your Cost	3.18
K16226 —No. 16 Seven-Strand	
50 ft. length. Your Cost	\$0.42
250 ft. length. Your Cost	1.90
500 ft. length. Your Cost	3.60
K16227 —No. 18 Seven-Strand	
100 ft. length. Your Cost	\$0.64
500 ft. length. Your Cost	2.89



BELDEN Shielded Lead-in and Ground Wire

Effective in reducing man-made static. Stranded core with a heavy braid of fine tinned copper wire. Easy strip rubber insulation. Average shpg. wt. 4 lbs. per 100 ft.

Stock No.	Gauge	50 ft.	250 ft.
K16208	Size 14	\$1.51	\$6.71
K16210	Size 16	.93	4.09

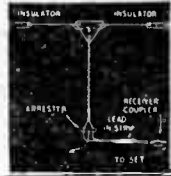
BELDEN Shielded Primary Wires

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 \$3.84.	Your Cost per Foot	4 1/2¢
No. 14 gauge. Same as above, but with .027" rubber wall.		
K16218 —100 ft. for \$3.11.	Your Cost per Foot	4¢
No. 16 gauge. Same as above, but with .022" rubber wall.		
K16219 —100 ft. for \$2.45.	Your Cost per Foot	3¢

Belden All-Wave Doublet Antenna System

A standard antenna system for all-wave reception because the twisted pair untuned transmission line offers greatest freedom from ground level interference. Employed with this system is the special Belden Coupler which converts it into a conventional "T" type antenna on broadcast frequencies. Comes completely assembled and ready for installation. Full instructions included.



K16282—Shpg. wt. 10 lbs. **Your Cost**..... **\$4.20**

Belden Double Doublet Antenna System



An approved system designed to secure uniform signal response in special locations where sufficient height is available. Insures greater signal to noise ratio and minimizes fading. Uses untuned twisted pair lead-in to reduce ground level noises. Equipped with the Belden Receiver Coupler. Completely assembled, with all hardware and full instructions for installation.

K16283—Shpg. wt. 9 lbs. **Your Cost**..... **\$4.49**

BELDEN Litz Wire

Stranded Beldenamel (10x41) Litz wire with white double Celanese wrap. Suitable for rewinding antenna primaries and amateur r.f. coils up to 30 megacycles.

K16143 —100-ft. spool.	Your Cost	41¢
K16144 —(7x41).	Your Cost	39¢

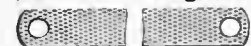
Test Prod Lead Wire



Extra flexible No. 18 wire (65x36 tinned copper with colored wrap) 3/64" 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	26¢
K16337 —Red or Black.	Your Cost per 100 Feet	\$1.11

BELDEN Bonding Cable



14 inch extra flexible tinned copper strap. Punched at both ends; suitable for grounding rubber mounted motors, etc.

K16335—**Your Cost**..... **20¢**

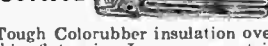
Rubber Sheathed Multiple Conductor Cable



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.
K20880 —3	.265"	4c	\$3.52	
K20881 —4	.300"	5c	4.42	
K20882 —5	.350"	6 1/2c	5.40	

BELDEN Lead-in Strips Rubber Covered



Tough Cololorubber insulation over thin, flat strip. Inner copper strip highly conductive and will withstand bending and pressure without cracking. Clips riveted and soldered at both ends.

12" long.	Your Cost	8¢
K17099 —100 ft.	Your Cost	\$1.71

SHIELDED WIRE

Crystal Mike Cable



Tinned copper (18x36), 2 serves of Celanese, 4 braids of cotton waxed; tinned copper shield; rubber sheath, .250" diam. Cap. per ft. 26 mmfd.

K20844 —Per Foot.....	5 1/2¢
100 Ft. For.....	\$4.66

Two Conductor Cable

Same as above, but for multi-cell crystal mikes. Cap. per ft. 36 mmfd. Overall diam. .350".

K20854 —Per Foot.....	9¢
100 Ft. For.....	\$7.69

Lapel Mike and Pick-Up Cable

Constructed same as above but overall diameter only .135". Capacity per foot 40 mmfd.

K20858 —Per Foot.....	3¢
100 Ft. For.....	\$2.45

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	\$1.18
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We can supply Belden wire in large quantities at special prices. Write for information, giving complete details.

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. 1/16"	2 1/2¢
Your Cost per Foot	\$1.03
Per 50 ft. For.....	\$5.15
K16215 —Inside diam. 3/16"	4¢
Your Cost per Foot	\$1.72
Per 50 ft. For.....	\$8.60
K16216 —Inside diam. 1/4"	11 1/2¢
Your Cost per Foot	\$4.83

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.	\$4.63

BELDEN Indoor Aerial Wire

Specially covered, very flexible wire, ideal for indoor aerials and winding radio loops. Made of 65 strands No. 38 copper wire.

K16125 —Brown Rayon.	73¢
100 ft. Your Cost	
K16126 —Brown Cotton.	29¢
60 ft. Your Cost	
K16127 —Brown Cotton.	
1000 ft. Your Cost	\$3.60

BELDEN Twisted Lead-in Wire



Surge impedance of 72 ohms to match impedance of majority of all-wave receivers and any half-wave and di-pole antennas. Twisted pair of size 19 stranded, color coded and rubber covered with weather-proofed cotton braid over-all. 75 ft. wt. 3 lbs.

K16172 —75 ft. coil.	Your Cost	95¢
K16174 —500 ft. spool.	Your Cost	\$5.98

Commercial Type Twisted Wire
Surge impedance 93 ohms; 22 gauge (7x30 tinned), paper wrap; color coded twisted pair, weatherproof black cotton over .022" rubber wall.

K16169 — Your Cost per Foot	2¢
K16170 —100 ft. spool.	\$1.4
K16171 —500 ft. spool.	\$5.78

BELDEN Arrester



A thoroughly reliable protector for outdoor or indoor use. Bakelite case. Approved by National Fire Underwriters. \$100.00 guarantee.

K16750—**Your Cost**..... **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 over-all. Maximum capacity between conductor and shield 27 mmfd. Overall diam. .225".

K20883 —Per Foot.....	4¢
100 Ft. For.....	\$3.19
Same as above, but with rubber sheath overall. .290" diam.	
K20884 —Per Foot.....	5¢
100 Ft. For.....	\$4.33

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"	5 1/2c	\$4.74	
K20845 —3	.280"	6 1/2c	5.41	
K20877 —4	.335"	8c	6.64	
K20878 —5	.380"	10c	8.35	

Hook-up and Magnet Wire

BELDEN RADIO WIRE



Push-Back Solid Wire

No. 20 solid tinned copper wire with push-back double wrap of Celanese colored braid, heavily lacquered. No stripping necessary.

In green, blue, red, yellow or black. Specify color desired when ordering.
K16066—25-ft. coil. **25¢**
 Your Cost
K16067—1000-ft. spool.
 Your Cost. \$6.96

Hook-Up Wire

No. 18 Stranded Tinned Copper, insulated with 1/4" Belden color-rubber.

25-ft. spools available in brown, blue, red, green, yellow. Specify color.
K16290—25-ft. coil. **22¢**
 Your Cost
1000-Foot Spools
 1000-ft. spools available in brown or red. Specify color desired on order. Shpg. wt. 10 lbs.
K16291—Your Cost. **\$5.57**



Stranded Push-Back Wire

Similar to the above, but with No. 20 stranded wire. In green, blue, red, yellow or black. Specify color desired when ordering.
K16068—25-ft. coil. **26¢**
 Your Cost
K16069—1000-ft. spool.
 Your Cost. \$7.60



Silk-Covered Litz Wire

Has lower skin resistance than any other wire. Ideal for i.f., r.f. coils, loop aerials, etc.

K16152—100-ft. coil. **12¢**
 Your Cost
K16153—1000-ft. coil. **90¢**
 Your Cost

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. **44¢**
 Your Cost
K16159—500-ft. spool. **56.71**

Lacquered Hookup Wire

Rubber insulated with lacquered braid overall. Strands tinned. Easily soldered and worked.
K16344—100-ft. coil. **32¢**
 Your Cost
K16345—250-ft. coil. **74¢**
 Your Cost

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.



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
K16350—Red **K16352**—Black
K16351—Green **K16353**—Yellow
 Your Cost (10 for 99c). **11¢**
 Per Coil

25-Foot Coils
K16354—Red **K16356**—Black
K16355—Green **K16357**—Yellow
 Your Cost (10 for \$1.15) **12¢**
 Per Coil

50-Foot Coils
K16358—Red **K16360**—Black
K16359—Green **K16361**—Yellow
 Your Cost (10 for \$1.90) **20¢**
 Per Coil

50-Foot Coils
K16362—Red **K16364**—Black
K16363—Green **K16365**—Yellow
 Your Cost (10 for \$2.25) **23¢**
 Per Coil

100-Foot Coils
K16366—Red **K16368**—Black
K16367—Green **K16369**—Yellow
 Your Cost (10 for \$3.55) **36¢**
 Per Coil

100-Foot Coils
K16370—Red **K16372**—Black
K16371—Green **K16373**—Yellow
 Your Cost (10 for \$4.25) **44¢**
 Per Coil

1000-Foot Spool
K16374—Red **K16376**—Black
K16375—Green **K16377**—Yellow
 Your Cost, Per Spool **\$3.35**

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. **29¢**

100-Foot Coils
K16348—Black **K16346**—Red
 Your Cost, Per Coil. **\$1.07**

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.	Your Cost Per Lb.	1/4 Lb.	1/2 Lb.
K20962	18	199	\$0.26	\$0.47	
K20963	20	314	.29	.51	
K20964	22	494	.31	.59	
K20965	24	778	.34	.67	
K20966	26	1220	.39	.79	
K20967	28	1910	.48	.88	
K20968	30	2960	.55	1.04	
K20969	32	4570	.72	1.35	
K20970	34	6980	1.17	1.97	
K20971	36	10500	1.41	2.84	

DOUBLE COTTON

Extremely popular with amateurs and experimenters. Highest quality.

Stock No.	Size B&S	Ft.	Your Cost Per Lb.	1/4 Lb.	1/2 Lb.
K20973	16	122	\$0.18	\$0.27	
K20974	18	192	.21	.30	
K20975	20	298	.22	.33	
K20976	22	464	.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.	Your Cost Per Lb.	1/4 Lb.	1/2 Lb.
K20950	16	125	.16c	.23c	
K20951	18	202	.17c	.26c	
K20952	20	319	.18c	.28c	
K20953	22	506	.19c	.29c	
K20954	24	804	.20c	.30c	
K20955	26	1280	.21c	.32c	
K20956	28	2030	.22c	.35c	
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 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	15¢
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	133	
24	K16505	110	K16519	83	K16533	200	
26	K16506	148	K16520	101	K16534	292	
28	K16507	198	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	266	K16525	219	K16539	1560	
38	K16512	294	K16526	243	K16540	1980	
40	K16513	325	K16527	275	K16541	2430	

RUBBER-COVERED HOOK-UP WIRE

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 **Your Cost Each**
K16273—Black **13¢** 10 For
K16274—Green **\$1.15**

1000 Foot Spools
K16108—Red **Your Cost Each**
K16109—Black **\$4.20**
K16110—Green

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. 39c 75c \$1.35

Stranded No. 12 Gauge
K16122—black **K16123**—red
 25 Ft. 50 Ft. 100 Ft.
 Your Cost. 48c 90c \$1.75

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. **25¢**

Spaghetti and Bus Bar



Highest grade cambric tubing. Red, yellow, green and black.
K15960—Specify Color
 Per 30-Inch Length. **6¢**
 Your Cost 10 Lengths. **55¢**

ROUND TINNED COPPER BUS
SIZE No. 14—2-FOOT LENGTHS
K15965 10 Lgths. 100 Lgths.
 Your Cost. 15c \$1.30
SIZE No. 12—2-FOOT LENGTHS
K15966 10 Lgths. 100 Lgths.
 Your Cost. 24c \$2.15

Service Wire Bundles



Lengths range from 2" to 1 foot. Both ends tinned. Include, push-back, r-c hookup, lacquered cotton braid, etc. All standard.
K16049—1-lb. bundle **19¢**
 Your Cost
K16048—2-lb. bundle **35¢**
 Your Cost
K16047—3-lb. bundle. **49c**
K16046—5-lb. bundle. **84c**

GIANT SLEEVING



1/2" inside diameter, 36" long. Black, saturated cloth impregnated with high-grade oil varnish.
K15956—10 For \$1.25
 Per Length. **15¢**

BELL WIRE

An excellent grade of No. 18.
K16338—1/2 lb. roll
 Your Cost. **16c**
K16051—25 ft. roll
 Your Cost. **6¢**

Fixture Wire and Accessories

SPECIAL VALUE! 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

All Rubber Parallel Lamp Cord Approved Type



Developed to meet the demand for an abrasion and water-proof wire. 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

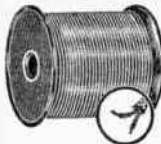
Heavy Rubber Cord



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, or on any job where ability to withstand abuse is a prime factor. Shpg. wt. 7 lbs. per 100 ft.

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. **85¢** 500 ft. **\$4.05**

20 Gauge—1/4" Wall
K20839—Maroon **K20841**—Brown
K20840—Old Gold
Your Cost, 25 Feet **22¢**
100 ft. **75¢** 500 ft. **\$3.50**

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. **\$1.75** 500 ft. **\$7.95**

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	2¢	\$1.95
K16090	4	2 1/2¢	2.45
K16091	5	3 1/2¢	3.10
K16092	6	4¢	3.50
K16093	7	5¢	3.95
K16094	8	5 1/2¢	4.95
K16095	9	6¢	5.50
K16096	10	7¢	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—Wt. 2 lbs. per 100 ft. 100 Ft. 500 Ft. 1000 Ft.
Your Cost \$1.70 \$8.10 \$15.40

3-Conductor
K20896 Shpg. wt. 3 lbs. 100 ft.
Your Cost \$2.15 \$10.15 \$19.40

Heavy Twisted Pair



Standard 3/4" rubber wall, 14 gauge. Finest wire obtainable for jobs that call for a wire of large current carrying capacity and ability to stand plenty of abuse. Shpg. wt. 5 lbs. per 100 ft.
K20890—Your Cost, Per Foot **2 1/2¢**
Per 100 Feet **\$2.15**

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.
70¢ \$3.30 \$6.50

18 Gauge—1/2" Wall
K20915—Your Cost:
100 Ft. 500 Ft. 1000 Ft.
60¢ \$2.55 \$4.90

20 Gauge—1/4" Wall
K20914—Your Cost:
100 Ft. 500 Ft. 1000 Ft.
50¢ \$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.
2¢ \$1.45 \$6.95

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.	2¢	\$1.60
K20856—2-Cond.	3¢	2.60
K20857—3-Cond.	4¢	3.60

NICHROME 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 **70¢**

Without Handle

Same as the above, but without the handle grip.
K13306—Each **2¢**
Per Dozen **20¢** Per 100 **\$1.50**

Trio Plug

Bakelite. Three outlets from 1 plug.
K13282—Your Cost Each **6¢**
Per Dozen **65¢**

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 trip plug, but attaches directly to the cord.
K13229—Your Cost Each **16¢**

Soft Rubber Handle Plug

Handle plug made of soft rubber. Cannot crack or break. Best type to use for portable tools, vacuum cleaners, etc.

K13301—Your Cost Each **4¢**
Carton of 10 **35¢**

Bakelite Outlet

Made of brown Bakelite. Screws into the baseboard. 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 **78¢**

Feed-Thru Switch

Bakelite. Compact and very sturdy.
K13275—Each **14¢**
Carton of 10. **\$1.20**

Push Button

Pearl button. General purpose.
K13230—Each **12¢**
Per Dozen **\$1.35**

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¢**
Carton of 10 **\$2.10**
K13305—Straight Type **27¢**
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 **7¢**
K13318—1/4" dia. **12¢**
Your Cost Each **12¢**

Outlet Box Receptacles

Fit the standard outlet boxes. Approved by the underwriters. Shpg. wt. 1 lb.

K13328—Single **7¢**
Your Cost Each **7¢**
K13329—Double **8¢**
Your Cost Each **8¢**

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** **4¢**
K13201—10 amp. **4¢**
K13202—15 amp. **4¢**
K13203—20 amp. **4¢**
K13204—30 amp. **4¢**
Carton of 5 **15¢**

CARTRIDGE FUSES

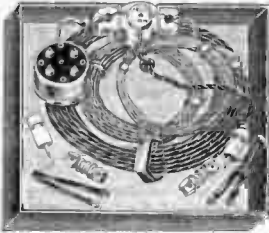
STANDARD APPROVED TYPES
K13205—20 amp. **5¢**
K13206—80 amp. **5¢**
Your Cost Each **5¢**
Carton of 10 **45¢**

ALL WAVE ANTENNA KITS

BIRNBACH ALL WAVE

"Ready" Aerial Kit

This newly perfected all-wave aerial kit comes completely factory-wired and soldered all ready to be installed. A new patented antenna transformer is built into the ceramic doublet crossover insulator; fool-proof and weather proof. Makes an ideal antenna for all wave and short wave receivers. The kit contains the following equipment: 1—antenna transformer; 1—receiver all-wave coupler; 1—50 foot roll of aerial wire; 50 feet of transmission line (twisted); all insulators, nail-knobs, lead-in strips, ground-clamp, etc.



Full instructions included. Shpg. wt. 5 lbs.

K16471—Your Cost.....\$2.49

"NOISE-MASTER" All Wave Antenna



Recommended for locations where "man-made" static causes interference with radio reception on all waves. A highly engineered product which automatically selects the varying frequencies of short-wave and broadcast signals. **Factory assembled and tested.** Contents: 2—30 ft. coils stranded copper aerial wire; 1—antenna transformer with 50 ft. twisted pair line; 2—glass insulators; 3—6" stand-off insulators; dual lead-in strip; 1 set coupler; porcelain tube. Instructions furnished.

K16470—Wt. 5 lbs.

Your Cost.....\$3.97

Lafayette

"Standard" Kit

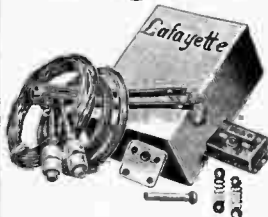
Especially designed for all-wave reception. Contains 2—40 ft. rolls heavy enameled wire, 50 ft. transmission line, a receiver matching coupler, aerial spreader, 2-insulators, 6" porcelain screw eye, 2 nail-knobs, 2 lead-in strips, ground clamp and instructions. Wt. 5 lbs. **\$1.49**



K16474—Your Cost.....\$1.49

ALL-WAVE ANTENNA KITS

Lafayette De Luxe All-Wave Kit



A modern, efficient all-wave antenna that will improve reception over the entire broadcast and short wave bands. Contains the following equipment: 2—50 foot coils of 7x24 bare copper aerial wire; 1—50 foot coil of special weather-proofed twisted transmission line; 1—antenna crossover junction block; 2—3" glass insulators; 1—"Antennatrol" impedance matching unit; 2—porcelain nail-knobs; 1—porcelain lead-in tube; 1—doublet window lead-in strip (Fahnestock type). The kit is

easy to assemble and is complete. Shpg. wt. 5 lbs.

K16479—Your Cost.....\$2.25

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—7/8" Bakelite screw-eyes; 1—"shur-grip" ground clamp. In attractive box. Shpg. wt. 5 lbs.

K16480—Your Cost.....97¢

TOBE Aerials

Windo-Pole

An efficient all-wave antenna which requires no wires—lead-in or roof work. Consists of three steel sections totaling 8 feet in length. An insulated steel clamp is furnished for mounting to any window sill. With insulated lead-in strip. Shpg. wt. 4 lbs.



K16250—Your Cost.....\$1.15

RCA "MAGIC-WAVE" AERIAL SYSTEM

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 530 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. Contents: 1—Antenna Coupling Transformer; 1—Receiver Coupling Transformer; 60 ft. Antenna Wire; 45 ft. Transmission Cable; 5-ft. Ground Wire; 5 Porcelain Insulators; Ground Clamp.

K16790 Complete kit for one receiver. Wt. 5 lbs. \$4.17

Your Price. (RCA No. 9812).....\$1.80

K16789 Distribution transformer for 4 additional sets.....\$1.80

K16788 Receiver coupler (for each outlet).....1.50

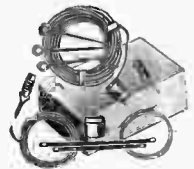
K16787 45-ft. transmission line......90

K16786 45-ft. transmission line (for underground).....1.20

K16785 90-ft. transmission line (for underground).....2.25

TOBE Model 39 Filterizer Kit, All Wired

Fully assembled all-wave antenna ready to erect. Comprises doublet antenna with 70-ft. span, terminating insulators, connection shield, 72-ft. balanced transmission line, 2 supporting insulators, 6" porcelain tube, ground clamp and receiver coupling unit. Shpg. wt. 5 lbs.



K16467—Your Cost.....\$2.64

RCA "Single Doublet" Antenna Kit



Meets the demand for an easily installed, low-priced all-wave antenna. Covers a band range of 140 to 18000 kc. (17-2150 meters) with high efficiency. The "Single Doublet" is factory assembled and soldered; merely tie to convenient supports and the antenna is up. Consists of special doublet 19 ft. and 49 ft., junction box, 75 ft. transmission line, entrance tube, receiver coupler and accessories. With instructions. Wt. 4 lbs.

K17086—Your Cost.....\$3.45

K17088 RRK-40A Kit: Same as above, less receiver coupler, completely factory assembled.

Your Cost.....\$3.00

RCA No. 395—All-Wave Doublet Kit

This 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 are furnished with the kit so that even a novice can do a first-rate job. Requiring only a 40 foot span this antenna will fit most anywhere and give the results usually expected of longer aerials. Shpg. wt. 4 lbs.

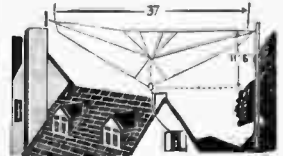
K16465—RCA No. 395 Doublet Kit, complete.

List \$3.95.

Your Cost.....\$2.37



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. Your Cost.....\$5.37

High Frequency Kit: Increases range to 70,000 kc. (4 meters). Wt. 2 lbs.

K17136—Your Cost.....90¢

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

ALL-WAVE Antenna Accessories

Lafayette Low Cost Aerial Kits

Contains 100 ft. 7-24 copper wire, 50 ft. No. 18 rubber-covered lead-in wire, 25 ft. ground wire, approved arrester, copper ground clamp, lead-in strip, two porcelain insulators and two nail-it knobs. Everything necessary for an efficient aerial. Shpg. wt. 5 lbs.
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.
K16477—Your Cost

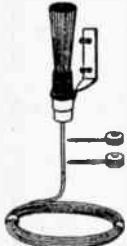
54¢

Economy Aerial Kit

Contains 90 ft. 7/27 copper 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.
K16478—Shpg. wt. 2 lbs. Your Cost, Special

37¢

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 standard broadcasts. With mounting hardware and 50 ft. of stranded lead-in. Two units make up a doublet.

K16475—Wt. 4 lbs. Your Cost Each

\$1.79

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. Your Cost

\$4.45

"EO-1" TWISTED PAIR TRANSMISSION LINE



Consists of two No. 12 conductors covered by a fabric wrap. Wrap is covered by special rubber insulation then impregnated cotton braid. Shpg. wt. 2 lbs. per 25 ft.
K20887—1 to 60 ft. Your Cost per Foot

7¢

50 to 100 ft. Per Foot

6¢

100 to 500 ft. Per Foot

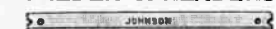
6¢

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 60c \$1.10 \$5.25

JOHNSON FEEDER SPREADERS



White glazed overall; cross-section of all sizes is 3/8x1/2". With end grooves for line conductors and holes for tie-wires. Molded from high-quality porcelain.
K17027—2" long. Your Cost

7¢

K17028—4" long. Your Cost

9¢

K17029—6" long. Your Cost

12¢

ALL-WAVE ANTENNA COUPLERS

ALL-WAVE COUPLER



Provides correct match for all bands. Used with doublet antenna and transmission line. With full instructions.

K17172—Your Cost

59¢

Universal Set Coupler

Permits use of ungrounded transmission line with any receiver on all bands. Easy to attach and mounts near set. Necessary if full efficiency is desired on all waves. With full instructions.



K17082—Your Cost Each

29¢

UNIVERSAL COUPLER

With B.C.-S.W. Change-Over Switch



For ALL BANDS

A new and efficient universal set coupler correctly matches the impedance of the antenna to the input impedance of the receiver. Housed in an aluminum can, finished in red crackle. Shpg. wt. 1 lb.
K17078—Your Cost Each

49¢

Doublet Lead-in Strip

Consists of two strips covered by heavy cotton weather-proof braid. Bakelite strip riveted in place holds strips parallel. Fahnestock clips.
K16952—Your Cost Each

9¢

Per 10.....

73¢

ANTENNA SPRING



Takes up slack in aerial. No-rust. Long lasting. Spring only.
K16980—Your Cost Each

7¢

PREMAX Mast

- Solid Steel
- 4 Ft. High

A new service mast of solid 3/8" steel rod with flattened base which may be bent to any desired angle; fits any type roof, mounts solidly and permanently. Securely locked porcelain insulator knob at top; cadmium plated finish; 4 ft. high; weight 5 lbs. Complete with guy wire.
K17138—Your Cost Each

33¢

2 For.....

60¢



PHILMORE AERIAL ELIMINATOR



Does away with need for an aerial. Easy to install; just plug into power receptacle and connect aerial and ground wires to marked posts.
K17084—Your Cost Each

33¢

NO-TENNA

Does away with an outdoor antenna. Reduces static; eliminates fire and lightning hazards. Easily installed.
K12696—Your Cost

59¢

10 For.....

\$5.50



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 roll. Shpg. wt. 8 oz.
K16163—Your Cost per Roll

29¢

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, 8 1/2 ft. Shpg. wt. 3 lbs. Your Cost Each

59¢

K17142—Double-section, 7 ft. Shpg. wt. 6 lbs. Your Cost Each

\$1.03

K17143—Triple-section, 10 ft. Shpg. wt. 8 lbs. Your Cost Each

\$1.62

K17144—Four-section, 13 ft. Shpg. wt. 11 lbs. Your Cost Ea...

\$2.20

COLLAPSE

Lamb "QST" Noise Silencers

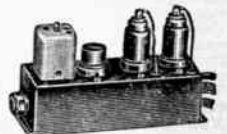
Operates with any superhet of 2 i.f. stages or more. Uses 3 tubes; 6J7 6L7, 6H6. Kit form or wired. Size, 8x2x4 1/2" high. Completely mounted on an all-metal chassis—attractively finished.

I.F. (kc)	Wired No.	Your Cost	Kit No.	Your Cost
175	K12698	\$5.75	K12687	\$3.95
456	K12699		K12686	
Kit of RCA tubes.....				\$2.70

DeLuxe Model

Has additional 6J7 tube. Can be used with any superhet. Set regardless of number of i.f. stages. Size, 9 1/2 x 3 1/2 x 5 1/2". On all-metal chassis.
I.F. (kc) Wired No. Your Cost Kit No. Your Cost

175	K12702	\$7.35	K12700	\$5.25
456	K12703		K12701	
Kit of RCA tubes.....				\$3.65



These units follow the original circuit designed by James Lamb, technical editor of "QST."

Perfect Merchandise - Prompt Shipment - Personal Service

AERIAL ACCESSORIES

Arresters

ONLY 7¢ EACH



Housed in brown, glazed porcelain; approved. With brass screw terminals. 1x1 3/8x3 1/2" overall. **K16753—Your Cost Each 7¢**
10 for 64c 100 for \$6.20

All-Bakelite Arrestor



Molded Bakelite housing. Approved by Underwriters. Non-airgap type. **K16705—Shpg. wt. 1 lb. 9¢**
Your Cost Each 9¢
10 for 80c 100 for \$7.25

Brach Neon Arrestor



Uses a NEON TUBE instead of air-gap or resistance. By far the most sensitive arrestor made; slightest induction is shunted to ground. You can watch it work. Shpg. wt. 1 lb. **K16700—Your Cost Each 59¢**

NEON ARRESTOR FOR DOUBLET ANTENNAS


K16701—Your Cost Each 82¢

Arrestor for Doublets



A new approved arrestor 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 17¢

Shielded Electro-Arrestor



A lightning arrestor and static noise reducer in one! Contains condenser and choke coil which act as noise reducing filter, and a shield over ground. Porcelain housing with nickel plated hardware. **K16755—Your Cost Each 43¢**

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 incorrectly. Eliminates dangling wires. **K16157—Complete Your Cost Per Set 24¢**

Plated Ground Rods



Used wherever a pipe ground is not available. Heavy steel yoke for driving head, 3/8" drawn steel, plated. Shpg. wt. 4 lbs.

Stock No.	Length	Your Cost
K17187	4	28c
K17188	6	42c

Per 10 \$2.65
Per 100 \$27.00

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	22c	\$2.09	\$5.00
K16114	7/24	29c	2.80	6.75
K16115	7/22	39c	3.65	8.88

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

Enameled Copperweld Solid Antenna Wire



Tough steel core covered with high conductivity copper. Has enormous tensile strength.

No. 14 Gauge

Stock No.	Feet	Your Cost
K20926	Per Foot	\$.01
K20886	100	.64
K20933	200	1.20

No. 12 Gauge

Stock No.	Per Foot	Your Cost
K20927	Per Foot	.01 1/2
K20885	100	.91
K20930	200	1.75

No. 10 Gauge

Stock No.	Per Foot	Your Cost
K20928	Per Foot	.02
K20929	100	1.57
K20932	200	3.05

Galvanized Guy Wire




Special grade of tough, annealed galvanized wire. Excellent for guying antenna masts. In 50-ft. roll. **K16156—10 for \$1.35**
Your Cost Each 15¢

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 3¢**
10 for 25c 100 for \$2.25

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 29¢**
5 for \$1.30

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 2 1/2¢**
10 for 21c 100 for \$1.95
K16986—7" long. Net each 3 1/2¢
10 for 32c 100 for \$2.70

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	49c	4.60	11.25

Solid Enameled—100-Ft. Coils

Stock No.	Size	Per Coil	10 Coils	25 Coils
K16118	No. 14	41c	\$3.80	\$9.25
K16119	No. 12	60c	5.60	13.75
K16129	No. 10	93c	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

Lead-In Wire




NO. 18 LEAD-IN, RUBBER COVERED
Solid tinned copper. 3/4" rubber easy-strip insulation. For lead-ins, ground leads or aerials. Shpg. Wt. 2 Lbs. per 100 Ft. Specify length when ordering.

K16200—25 Ft. 50 Ft. 100 Ft.

Single Coil	11c	20c	38c
Lots of 10	\$1.00	\$1.90	\$3.70

K16217—1000-ft. coil. \$3.75
Your Cost

Best Grade No. 14 Lead-In Wire




Solid tinned copper core. Heavy (3/4") rubber insulation with weatherproof outer braid. A Code wire.

Single Coil	25 Ft.	50 Ft.	100 Ft.
K16203	27c	52c	\$1.00
Lot of 10, ea.	26c	50c	.96
Lot of 25, ea.	25c	48c	.92

Shpg. wt. lbs. 2 3 5

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. 5¢**
Your Cost Each

With Fahnestock Terminals



K17101—100 For \$2.85
Your Cost Each 4¢

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 3¢**
10 for 25c 100 for \$2.25

Insulated Staples



For holding inside lead-in and ground wires in place. Per 100 **K15950—Your Cost 10¢**
Per 1000 95c

Insulators


Pyrex Insulators



Used by the U. S. Army and Navy, commercial services and amateurs. The finest glass insulator made.

Stock No.	Length	Power	Your Cost
K16805	3 3/8	Med.	\$0.20
K16806	7 1/2	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. Rigid.

K16849—2 1/2" long.	2¢
Lots of 100.	\$1.85
K16850—3" long	3¢
Your Cost Each	3¢
10 For 27c	Lots of 100, \$2.50
K16851—4" long	5¢
Your Cost Each	5¢

Porcelain Insulators



Strain insulators made of glazed porcelain. 3/8" holes.

K16802—2 1/2" long	2 1/2¢
Your Cost Each	2 1/2¢
10 for 20c	100 for \$1.85
High-quality, heavy, ridged porcelain insulators. 1/2" holes.	
K16803—4" long	5 1/2¢
Your Cost Each	5 1/2¢
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 Shpg. wt. 8 oz. 9¢**
Your Cost Each 9¢
Your Cost for 10 84c




Large Stand-Off
Extra-heavy glazed porcelain. Ribbed body for increased surface. 4" long. Hole for wire. **K16800 Net Each 10¢**
Lots of 10 95c

PORCELAIN TUBES




Brings lead-in into building without cutting wire or causing leakage. Needs 3/8" hole; takes 3/8" wire. **K16860—5" long 3¢**
Your Cost Each 3¢
Per 10 24c

NAIL-IT KNOBS



Heavy white porcelain. Leather washer under nail head. 1 3/4" high, 1 1/2" diameter. Slotted for 2 wires. **K16977—Your Cost 2 1/2¢**
10 for 21c 100 for \$1.75

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 12¢**

Mail Your Orders to NEW YORK, CHICAGO or ATLANTA

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 6 1/2" high, 5 1/2" wide, 2 1/2" deep. The crystal detector is fixed and ultra-sensitive. With Bakelite knob and pointer and calibrated dial. Covers broadcast range. Shpg. wt. 2 lbs.



K13837—Your Cost..... \$1.95 Ultra-sensitive

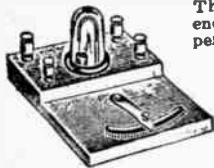


The "Blackbird"—Cabinet Model

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. **\$1.62**

K13837—Your Cost..... \$1.62

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.

K13838—Your Cost..... 69¢

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.

K13839—Your Cost..... 52¢



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**

K13836—Complete with crystal. \$2.35

Philmore "Vest Pocket" Crystal Receiver



Only 3x1 1/4 x 1 1/4". Has built-in sensitive crystal detector that brings in many stations loud and clear. Tip

jacks for phones and leads for aerial and ground. Tunes over broadcast band with slider. **\$58¢**

K13835—Your Cost..... \$58¢

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. **\$22¢**

K13916—Your Cost Each \$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 45c. **\$5¢**

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. **\$12¢**

K13901—10 for \$1.10. Your Cost..... \$12¢



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 Your Cost..... \$1.18

K13840—As above, but completely wired. Your Cost..... \$1.65
Eveready batteries: No. 772 (45 v.), No. 6 (1 1/2 v.)..... 1.22
K13841—Kit of 4 extra coils (14-240 meters)..... .72
Type 30 tube used in above set. Your Cost..... .54

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. **Leas tubes. \$1.49**

K13842—Kit Your Cost..... \$1.49

K13843—As above, but wired. Your Cost..... \$1.89
Two 30-type tubes. Net..... \$1.08
Eveready batteries: 2 No. 772's and a No. 6. Your Cost..... \$2.16
K13841—Set of 4 plug-in coils to cover 13-240 meters..... .72c

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. **\$2.25**

K13845—Less tubes \$2.25

K13846—As above, but wired. Your Cost..... \$2.65

Two type-76 tubes. Net..... .86c

K13844—Set of 4 plug-in coils to cover 13-240 meters..... .72c

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. \$5.25**

K13834—Complete kit of parts less tubes and batteries. \$5.25

Your Cost..... \$5.98

K13835—Factory wired and tested, less tubes, headphones and batteries. \$5.98

Your Cost..... \$1.22

Kit of tubes: 1-30, 1-49..... \$1.22

Kit of batteries: 3—No. 781 C's, 2—No. 4FH cells. Your Cost..... \$1.48



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 loudspeaker. 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. With long cable. **\$98¢**



K13831—Your Cost..... \$98¢

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. **\$12¢**



K13917—Your Cost Complete..... \$12¢

Fixed Crystal Detector in Bakelite Case

Supersensitive point found by meters and fixed permanently. In Bakelite case with screw connections. Will stand high-voltage. **\$43¢**



K13913—Meter-tested. Your Cost..... \$43¢

Cat Whiskers

Finest wire—correct tension—holds that sensitive spot. **\$8¢**



K13921—Envelope of 3. Your Cost..... \$8¢

Improved PHONE PLUG

No screws to tighten—just insert tips and they're gripped. Has hole for strain loop. **\$12¢**



Bakelite Shell

K13830—Your Cost Each..... \$12¢
10 for..... \$1.10

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, 4 1/2 x 3 3/4 x 2 1/4". Shpg. wt. 3 lbs. **\$1.18**

K13822—Your Cost Complete \$1.18

K13823—Set only, less phone and wire. .88c

K13821—Your Cost Complete \$1.76

K13828—As above, but with double headset. Your Cost..... \$2.35

K13829—Set only, less phones and wire. Your Cost..... 1.47



JUNIOR MODELS

Similar in appearance to above, but slightly larger. Has the same super-sensitive, easy-to-adjust crystal, attractive, solid walnut cabinet that looks like a real midget and calibrated dial. Earphone has steel headband. With coil of wire for aerial and ground. Size overall, 5 3/4 x 4 1/2 x 2 3/4". **\$1.76**

K13824—Your Cost Complete \$2.94

K13825—Set only, less phones and wire. \$2.35

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 head-band phone set and wire for aerial and ground. Is 6 3/4 x 5 1/4 x 3 3/4". Shpg. wt. 5 lbs. **\$2.94**

K13824—Your Cost Complete \$2.94

K13825—Set only, less phones and wire. \$2.35



HEADPHONES and ACCESSORIES

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 250 feet; four for more.



- K14024**—Set of two phones with 5 ft. wire. **Your Cost Complete Less Cells** **\$2.35**
- K20133**—Eveready dry cell. Each 28c
- K14025**—100 ft. indoor double wire. Per Roll 1.37
- K14026**—100 ft. outdoor double wire. Per Roll 1.71

REALPHONES—Twin Set



A real telephone set of the cradle type that provides clear voice communication of hundreds of feet. Set comprises a pair of handsets with cradles and 35 ft. 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**
- K20133**—Eveready cell **Your Cost Each** 28c
- K14025**—100 ft. double wire **Your Cost** 1.37

TWO-WAY CODE SET



Ideal for the scout, young experimenter and code learner. A switch on each set permits radio code (buzzer), hiinker (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, 50 ft. of double wire and instructions.

- K14000**—Less cells **Your Cost Per Set** **\$1.91**
- K20124**—Eveready No. 950 cell **Your Cost Each** 61c

"EMPIRE" DX TYPE HEADPHONES

Made especially for DX fans. Have featherweight aluminum shells and a one-piece adjustable headband of spring steel. Each unit has a powerful bi-polar magnet and a BAKELITE CAP. Their extra sensitivity reaches out for greater DX. Shpg. wt. 2 lbs.



- K13892**—Ohm Headset **97°**
K13892—Complete. **97°**
Your Cost **\$1.25**
- 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. **66°**
Your Cost **79°**
K13897—1500-ohm single set. **79°**
Your Cost



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 **\$1.48**
- 2000-Ohm Set**
- K13933**—Per Pair **\$1.65**
- 3000-Ohm Set**

BRANDES Headphones



- 2000 ohms resistance. Adjustable headband. Wt. 2 lbs.
- K13925**—Complete. **\$1.59**
- Your Cost**
- K13936**—Bakelite Cap 18c
- K13937**—Diaphragm 8c

New Murdock Lightweight Phones



Weigh only 6 oz. complete! D.C. resistance 2000 ohms. Special, double-adjustment covered spring-steel band. Bi-polar magnets. Molded Bakelite cases; concealed terminals. With 5-ft. cord. Extremely sensitive.

- K13902**—Your Cost **\$4.70**

Brush Crystal Phones



- Range 60 to 10,000 c.p.s. High impedance. Molded brown cases sealed to insure against tampering.
- Single Headset**: Fig. B. Metallic headband. Cushioned phone. With 5-ft. cord. List \$5.00. **\$2.94**
- Double Headset**: Fig. A. Two phones. Padded adjustable headband. With 5-ft. cord. Brown bakelite. List \$9.00. **\$5.29**
- Lorgnette Phone**: Fig. C. Single phone with chromium and black enameled lorgnette handle that extends from 12 to 17". With 5-ft. cord. Shpg. wt. 3 lbs. **K13923**—List \$6.50 **Your Cost** **\$3.82**

WESTERN ELECTRIC Model 1002C HEADSET



Same design as those supplied to the U. S. Army and Navy during the war. Pole pieces are of fine silicon steel; total resistance of set is 2200 ohms. Impedance at voice frequencies, approximately 20,000 ohms. Each receiver case is of brass nickel-plated with Bakelite ear caps. Head band is of phosphor-bronze spring with textile webbing and adjustable yoke and slide rods. With high-grade phone cord.

- K13370**—Your Cost **\$8.30**

TRIMM Featherweight Phones—Wt. Only 4 Oz.

One of the finest sets ever designed. Weight only 4 oz., with band and cord. Bakelite shell and cap, forged cobalt steel magnet, adjustable spring-steel headband, impedance 24,000 ohms. Extremely sensitive to weak signals. Can be worn for hours with complete comfort.

- K13919**—List \$10.00 **Your Cost Per Pair** **\$5.88**
- TRIMM Dependable Headset**
- Bakelite shells and caps, chrome steel magnets; ruggedly constructed for amateur and DX fan.
- K13914**—2000-ohm. **Your Cost Per Pair** **\$2.00**
- TRIMM Professional Headset**
- K13915**—4000-ohm. **\$2.47**
Your Cost Per Pair

HOME MIKES

Studio Model



A real mike for home broadcasting. Easily attached to any radio.

- Has sliding switch. **K13380** **85°**
Your Cost

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 mikes that really work.

- K13379** **54°**
Your Cost

DEAGAN Station Chimes For Ham And Broadcast Station



Four perfectly pitched notes tuned to a perfect chord impossible to play out of tune. Simulates bugle calls, clock tower chimes, etc. Complete with hammer and book of directions and 80 selections. 12 1/2 x 8 x 3". Shpg. wt. 6 lbs.

- K14013**—Your Cost **\$4.50**

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. For broadcast listener and amateur. With instructions.

- K13942**—Your Cost **88°**
- PHONE CUSHIONS**
- Sponge rubber. Protect ears. For all phones.
- K13940**—**22°**
Per Pair

UNIVERSAL TRANSCEIVER SETS



Encased in highly polished molded Bakelite, weighs only 16 ounces. Include 6-foot multi-connector cord. Double button unit has resistance of 200 ohms per button. The receiver in each is extremely sensitive.

K14043—Single button, output minus 38 db. **\$5.88**

Your Cost

K13992—Double button, output minus 55 db. **\$8.24**

Your Cost

Phone and Speaker Cords



- Cotton Braid Insulation**
- | Stock No. | Type | Feet | Your Cost |
|---------------|---------|------|------------|
| K13955 | Double* | 5' | 19° |
| K13956 | Double† | 5' | |
| K13957 | Single† | 5' | 12c |
- Extension Cords—Tinsel Center**
- | Stock No. | Feet | Your Cost |
|---------------|------|-----------|
| K13945 | 10 | 19c |
| K13946 | 20 | 24c |
| K13947 | 30 | 35c |
- *Spade tips one end; straight tips other. †Pin tips both ends.

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 $\frac{1}{2}$ ". For current up to 660 milliamperes (.66 amps.). Wt. 23 lbs.
K20126—Type A600
 Each \$4.62. **\$4.51**
 Less 2%



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 **\$5.40**
 Less 2%

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 $\frac{1}{2}$ -amp. Insulated terminals. 10 $\frac{1}{2}$ x10 $\frac{1}{2}$ x6 $\frac{1}{2}$ ". Shpg. wt. 38 lbs.
K20120—Each \$5.99 **\$5.87**
 Less 2%

Type X-125—Similar to above, but smaller. Voltage declines with age—use of tapped resistor required. 11 $\frac{1}{2}$ x4 $\frac{1}{2}$ x6 $\frac{1}{2}$ ". Wt. 21 lbs.
K20121—Each \$2.73 **\$2.68**
 Less 2%

Flashlight Cells

Type 950—Extra long life cells having the exclusive Eveready metal top. Can be used for a multitude of purposes. 1 $\frac{1}{4}$ x2 $\frac{1}{4}$ ".
K20124—1 $\frac{1}{4}$ Volts **6 $\frac{1}{2}$ ^c**
 Your Cost Each
 Type 935—"Baby" size cell for low current needs. Same quality and construction as above. 1x1 $\frac{1}{4}$ ".
K20125—1 $\frac{1}{4}$ Volts **6 $\frac{1}{2}$ ^c**
 Your Cost Each

6 Amp. Homecharger



An efficient vibrator type charger for 6-volt storage batteries. Self-polarized; no damage can result from improper connections. Entirely automatic in operation. Completely recharges batteries in from 12 to 16 hours. Complete with long cables, car clamp and instructions. For 110 volts, 60 cycles a.c. Wt. 11 lbs.
K15697— **\$7.35**
 Your Cost

Battery Clips



K16060—1 $\frac{1}{2}$ " long. 10 for 25c. Each **3^c**
 K16061—2" long. 10 for 28c. Each **3^c**
 K16062—2 $\frac{1}{2}$ " long. 10 for 47c. Each **5^c**
 K16063—3 $\frac{1}{8}$ " long. 10 for 70c. Each **7^c**

STANDARD 45 V. "B"

These batteries have combination plug-in and clip terminals for convenient connection to battery receivers and equipment. Type 770 Heavy Duty is 8x4 $\frac{1}{4}$ x7 $\frac{1}{4}$ "; type 772 regular duty is similar to 770, measures 8x3x7 $\frac{1}{4}$ ".
K20100—Type 772 **94^c**
 Ea. 96c
 Less 2%
 Lots of 6. Ea. 87c.
 Less 2% **85^c**
K20101—Type 770 **\$1.29**
 Ea. \$1.32
 Less 2%
 Lots of 6. Ea. \$1.20
 Less 2% **\$1.18**

LAYERBILT 45 Volt "B" Batteries

The longest lasting, most-hours-per-dollar "B" battery made. Ideal for all purposes. Equipped with combination plug-in and clip terminals for convenience. Type 486 heavy duty is 8x4 $\frac{1}{4}$ x7 $\frac{1}{4}$ "; type 485, medium duty Layerbilt for lighter work, is 8x3x7 $\frac{1}{4}$ ".
K20102—Type 486 **\$1.64**
 Each \$1.67
 Less 2%
 Lots of 6. Each **\$1.52**
 Less 2% **\$1.49**
K20103—Type 485 **\$1.27**
 Each \$1.29
 Less 2%
 Lots of 6. Each **\$1.17**
 Less 2% **\$1.15**

Standard 22 $\frac{1}{2}$ V. "C"

Type 768—Equipped with plug-in and clip terminals for connections. Taps at 3, 4 $\frac{1}{2}$, 16 $\frac{1}{2}$ and 22 $\frac{1}{2}$ V. 4 $\frac{1}{2}$ x2 $\frac{1}{4}$ ". Wt. 2 lbs.
K20106—Each 66c **65^c**
 Less 2%
 Lots of 5 each 60c. Less 2% **59^c**
Portable 22 $\frac{1}{2}$ V. "C"
 Type 778—Clip terminals. Taps at 3, 4 $\frac{1}{2}$, 6, 9, 10 $\frac{1}{2}$, 16 $\frac{1}{2}$, 22 $\frac{1}{2}$ volts. 4 $\frac{1}{2}$ x2 $\frac{1}{4}$ x2 $\frac{3}{4}$ ". Wt. 2 lbs.
K20107—Each 66c **65^c**
 Less 2%
 Lots of 5 each 60c. Less 2% **59^c**

4 $\frac{1}{2}$ V. "C" Batteries

Type 771—Has plug-in and clip terminals. Contains 3 cells in series. Taps at 3 and 4 $\frac{1}{2}$ volts. 4 x 1 $\frac{1}{2}$ x 3 $\frac{1}{4}$ ". Wt. 1 lb.
K20108—Each 27c **26^c**
 Less 2%
 Lots of 5 Ea. 24 $\frac{1}{2}$ ^c Less 2% **23 $\frac{1}{2}$ ^c**
**Type 761T—4 $\frac{1}{2}$ volts, with taps at 3 and 1 $\frac{1}{2}$ volts. Four screw terminals. 4 $\frac{1}{2}$ x1 $\frac{1}{2}$ x3 $\frac{1}{4}$ ". Wt. 1 lb.
K20109—Each 35c **34^c**
 Less 2%
 Lots of 5 Each 32c. Less 2% **31^c****

Portable 45 V. "B"

Type 762—Has insulated screw terminals. Tap at 22 $\frac{1}{2}$ volts. 4 $\frac{1}{2}$ x2 $\frac{1}{4}$ x5 $\frac{1}{2}$ ".
K20104—Each \$1.16 **\$1.14**
 Less 2%
 Your Cost
 Lots of 5—Ea. \$1.05
 Less 2% **\$1.03**



Portable 22 $\frac{1}{2}$ V. "C"

Type 763—Screw terminals. No taps. 3 $\frac{1}{4}$ x2 $\frac{1}{4}$ x2 $\frac{1}{4}$ ". Shpg. wt. 1 lb.
K20105—Each 77c **75^c**
 Less 2%
 Lots of 5 each 70c. Less 2% **69^c**

7 $\frac{1}{2}$ V. "C"

Type 773—Has screw terminals. Taps at 1 $\frac{1}{2}$, 3, 4 $\frac{1}{2}$, 6, and 7 $\frac{1}{2}$ volts. 2 $\frac{3}{4}$ x 4 x $\frac{7}{8}$ ". Wt. 2 lbs.
K20114— **48^c**
 Each 49c.
 Your Cost
 Less 2% Lots of 5. Each 44c. **43^c**



4 $\frac{1}{2}$ V. "C"
 Type 781—Screw terminals. 2 $\frac{1}{2}$ x $\frac{3}{4}$ x2 $\frac{1}{4}$ ". Wt. 1 lb.
K20110—Each 31c **30^c**
 Less 2%
 Lots of 5 Each 28c. Less 2% **27^c**

Compact Portables

Compact, light weight units equipped with brass knurled nuts.
Type X-200— 3-volt "A" battery, high capacity. 3 $\frac{1}{2}$ x1 $\frac{1}{2}$ x5 $\frac{1}{4}$ ". Wt. 2 lbs.
K20115—

Each **\$1.01**
Type X-201—45-volt "B" 3 $\frac{1}{2}$ x2 $\frac{1}{4}$ x4". Wt. 2 lbs. **\$2.03**
K20116—Each

Type X-202—3-volt "A" 2 $\frac{3}{8}$ x1 $\frac{1}{4}$ x2 $\frac{1}{4}$ ". Wt. 1 lb. **33^c**
K20117—
 Your Cost

Type X-203—45-volt "B" 2 $\frac{3}{4}$ x1 $\frac{1}{4}$ x2 $\frac{1}{4}$ ". Wt. 1 lb. **\$3.17**
K20118—Each

Type X-204—7 $\frac{1}{2}$ -V. "C" Tapped at 4 $\frac{1}{2}$ volts. 2 $\frac{3}{8}$ x1 $\frac{1}{4}$ x1 $\frac{1}{8}$ ". Wt. 1 lb. **89^c**
K20119—Each

Test Batteries

Type 703—4 $\frac{1}{2}$ v. Contains 3 cells in series. 2 $\frac{3}{8}$ x2 $\frac{1}{4}$ x $\frac{5}{8}$ ". Wt. 1 lb.
K20111— **20^c**
 Each
Type 750—3 volts. Contains two cells in series. 2 $\frac{3}{8}$ x1 $\frac{1}{4}$ x $\frac{5}{8}$ ". Shpg. wt. 1 lb.
K20112— **10^c**
 Your Cost
Type 751—4 $\frac{1}{2}$ -volts. Contains 3 medium size cells. 2 $\frac{3}{8}$ x2x $\frac{5}{8}$ ". Shpg. wt. 1 lb.
K20113—Your Cost **20^c**



1 $\frac{1}{2}$ V. "A" Cells
Type 711— Equipped with non-breakable metal top—an exclusive Eveready exclusive feature. Exceptionally long life. 2 $\frac{1}{2}$ " diam., 6" high. Wt. 2 lbs.
K20122—Each 34c **33^c**
 Less 2%
 Lots of 25 ea. 31c. Less 2% **30c.**



No. 6 Columbia "Ignition"
 Similar to above, but designed for ignition, door bells, alarm systems, etc. Shpg. wt. 2 lbs.
K20133—Each 29c **28^c**
 Less 2%
 Lots of 25. Each 26c. **25^c**
 Less 2%

BATTERIES & CHARGERS

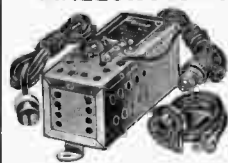
5-Amp. Tungar Charger



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— **\$10.88**
 Your Cost



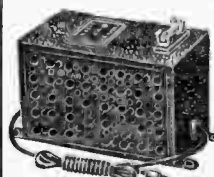
MALLORY Charger



Can Be Used in Car

With clamp for attachment to dash. Two fuses offer complete protection. Polarized plug prevents discharging or harming battery. With cables, plugs and instructions. For 110-volt, 60-60 cycle a.c.
K15698— **\$6.75**
 Your Cost

"CHARGIT" Charger



Use It in Car or Home

With dashboard mount. Charges at 4 amps. External fuse. In steel case. With two 7 $\frac{1}{2}$ -foot rubber-covered cables. For 110 volt, 60-60-cycles a.c. Wt. 5 lbs.
K15196— **\$4.25**
 Your Cost

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 bail handle. All are guaranteed.



6-VOLT BATTERIES

Stock No.	No. Plates	Amp. Hrs.	Shpg. Wt.	Your Cost
K21099	13	72	35	\$6.05
K21098	15	84	42	7.35
K21097	17	96	50	8.10

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

HYDROMETER

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



SOLDERING IRONS and ACCESSORIES

KESTER Dependable Radio Solder



Preferred by radio men everywhere. Will not spatter. Makes clean joints. Servicemen and other large users will find it more economical to buy their solder this way. Flux in core. The aluminum solder is the flux-filled type and is furnished with cleaning material and complete instructions.



	Rosin Core		Acid Core	
	Stock	Cost	Stock	Cost
Per Tin	K14857	\$0.15	K14878	\$0.15
1 lb. Spool	K14858	.64	K14877	.64
5 lb. Spool	K14859	2.95	K14879	2.95

Kester Paste Flux: In 2-ounce can.
K15278—Your Cost, per can.

12¢

Trutest "SPECIAL" SOLDERING IRONS

If you've been waiting for soldering iron buy of the year—HERE IT IS! This sturdily constructed electric iron comes complete with TWO screw-on tips, replaceable elements of highest quality nichrome wire in porcelain tubing, and an approved cord and plug. Would be worth twice our phenomenal price if you only got a few hours service out of it, yet you can be sure of plenty of long, hard service with no regrets. 60-watt iron is furnished with two 1/4" tips, 5 ft. cord and rubber plug. 75-watt iron has one 1/4" tip and 5-ft. cord. 100-watt size has one 3/8" tip and 6 ft. cord. Shpg. wt. 3 lbs.



K14892—Trutest 60-watt iron, with two tips. **59¢**
Your Cost, Complete.
K14894—75-watt iron. Your Cost **85¢**
K14893—100-watt iron. Your Cost **95¢**

"AMERICAN BEAUTY" IRON



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 1/2". Full 100 watt rating. Complete with 1/4" tip and cord. Model 3138.

K15171—Your Cost **\$5.85**
K15170—Extra tip for above. Each **39¢**
A smaller "American Beauty" with straight metal case for ease in soldering in corners and tight places. Consumes 50 watts; 1/4" tip. Shpg. wt. 2 lbs. Model S76. **\$3.45**
K15172—Your Cost
K15173—Extra tip for above. Each **21¢**

SOLDERING PENCIL



Compact, light-weight—you hold it like a pencil. Heats in one minute. Insulated handle, cork finger guard, 6 ft. approved cord and plug. Removable tip. Rated 20 watts. No stand necessary. For all light work. Shpg. wt. 2 lbs.
K15155—110 volts, a.c. or d.c.
K15156—6 volts, d.c.
Your Cost Each **72¢**

SOLDERING IRON TIPS

Replacement plunger type tips of quality copper.



Stock No.	Size	Your Cost
K15166	1/4"x2 1/2"	30¢
K15167	1/4"x4 1/2"	38¢
K15168	1/4"x3 1/2"	45¢



Snap-It-On Iron Holder

Raises iron 2" from bench. Snaps on.

K15276—10 For **\$1.35**
Your Cost **15¢**



IRON STAND

Made of rust resisting metal. Curved to prevent rolling. Ruggedly built—will last as long as more expensive stands.

K15219—Shpg. wt. 1 lb.
Your Cost **15¢**

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 **68¢**



SOLDERALL

Mixture of paste and powdered solder. Will solder all metals but aluminum.

K14860—10 For **75¢**
Your Cost Each **8¢**

ESICO HIGH QUALITY SOLDERING IRONS

Esico Irons are preferred by professional and amateur alike. "Constant Duty" irons have replaceable elements of nickel chrome wire. "Midget" and "Junior" models are wound with Grade A nichrome wire. All models have heat proof handles. Shpg. wt. 3 lbs.

K14848—MIDGET MODEL **\$1.03**
Your Cost—65 Watt, 110 Volt.
K14854—JUNIOR MODEL **\$1.62**
Your Cost—100 Watt, 110 Volt.
CONSTANT DUTY MODELS
K15190—110 Watt, 110 Volt **\$3.23**
Your Cost
K15191—130 Watt, 110 Volt **\$4.55**
Your Cost

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 **65¢**
K14849—With 2 Tips. Your Cost **75¢**

Jackson Soldering Irons

This is a full size soldering iron, 11" in length. Black enamel handle and nickel plated metal case. Removable tip 1/4" in dia. 50 watt iron. Shpg. wt. 2 lbs.
K14850—List **\$1.25**. Your Cost **65¢**



JACKSON Heavy Duty Irons

110 Volts A.C.—D.C.

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**
K14874—Your Cost **\$1.65**
100 watt iron. List **\$3.75**
K14853—Your Cost **\$2.20**



Adjustable Tip Irons

These high grade Jackson soldering irons are available with plunger tips or with adjustable copper tips with set screws. 6 ft. Cord and removable black handle.
K15176—75-watt iron. 1/4" copper tip with set screw. Length 12". Wt. 12 oz. **\$1.76**
Your Cost
K15177—100-watt iron. 3/8" copper tip with set screw. Length 12 1/2". Wt. 16 oz. **\$2.40**
Your Cost
K15178—150-watt iron. 1/2" copper type with set screw. Length 12 1/2". Wt. 20 oz. **\$3.80**
Your Cost



Trutest DeLuxe Irons

Such outstanding features as—gun-metal tube—ni-chrome element wound on steel core—mica insulation throughout—spring cord protector—rubber plug. Complete with wire iron holder that prevents accidental damage to top of work bench. All work on either a.c. or d.c. Shpg. wt. 3 lbs.

K15180—75 Watt, 110 Volt **\$1.32**
Your Cost
K15197—Same for 220 Volt **\$1.47**
K15182—100 Watt, 110 Volt **\$1.91**
Your Cost
K15198—Same for 220 Volt **\$1.98**
K15184—150 Watt, 110 Volt **\$2.94**
Your Cost
K15199—Same for 220 Volt **\$2.98**

MARVEL SOLDERING IRON

Conservatively rated at 40 watts. Operates on 110 volts, a.c. or d.c. Nichrome wire element. Hardwood handle. Overall length 10 1/2". Copper tip 2 3/8". With 4-ft. cord and plug. Suitable for all radio service and experimental work. Holds its heat well. Can be used in tight corners where a larger iron is likely to damage resistors, condensers, etc. Shpg. wt. 1 lb.
K14873—Your Cost, Special **28¢**
Per Dozen **\$3.05**



Magic Electrite Pencil



Writes electrically and embosses names, monograms, initials and designs in colors. Following colored foil pieces provided: gold, silver, red, blue, green and purple. Will emboss on any material such as wood, leather, Bakelite, cardboard, etc. Can also be used for permanent identification purposes. Operates on 110 volts, a.c. or d.c. Complete with instructions. Shpg. wt. 2 lbs.
K15157—Your Cost **78¢**

Electric Pyrorite Pencil Set

For writing electrically on wood, leather or any similar medium. Includes 2 (3 1/2"x5") plaques, 1 (3 1/2"x8") plaque, leather book marks. 4 paints and a brush.
K15158—Your Cost **89¢**



TOOLS and HARDWARE for

RADIO SOCKET WRENCH SETS

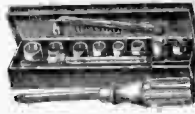
Handy All Steel Set



Will stand the hardest usage. Five interchangeable sockets: $\frac{1}{4}$ ", $\frac{3}{16}$ ", $\frac{1}{8}$ ", $\frac{1}{16}$ " and screw driver bit. Cadmium plated. Knurled handle. Sockets easy to remove, yet will not loosen while working. Spare wrenches fit into hollow handle when not in use. Easy to grip. Shpg. wt. 1 lb.
K14749—
Your Cost.....

55¢

Eleven-Piece Kit



Consists of 11 pieces in green steel box. $6\frac{1}{2}$ " wood handle, 4" ell, $3\frac{3}{4}$ " extension adapter, $\frac{1}{4}$ ", $\frac{3}{16}$ ", $\frac{1}{8}$ ", $\frac{1}{16}$ " round knurled socket, and $\frac{1}{4}$ " and $\frac{3}{16}$ " square sockets.
K15130—Your Cost.....

74¢

INDESTRO 8-Piece Radio Socket Set



Set contains six hexagon sockets, $\frac{1}{4}$ ", $\frac{3}{16}$ ", $\frac{1}{8}$ ", $\frac{1}{16}$ " and $\frac{1}{2}$ " together with $\frac{3}{16}$ " round knurled socket for thumb nuts and $\frac{1}{2}$ " spinner type handle with screw driver end. All $\frac{1}{4}$ " hex drive. Wt. 1 lb.
K15111—8-piece set. Your Cost.....

36¢

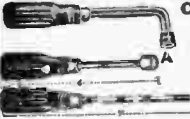
8-Piece Vest Pocket Socket Set

Smallest set on the market. Consists of seven sockets, $\frac{3}{16}$ ", $\frac{1}{8}$ ", $\frac{1}{16}$ ", $\frac{1}{4}$ " hex, $\frac{3}{16}$ " round knurled and square, 4" L handle with two friction balls. In handy green baked enamel finished box.
Offered at a special low price. Wt. 1 lb.
K15112—Your Cost, Complete Set.....



28¢

SPIN TYPE Socket Wrenches—Straight and Handy Offset Types



Firm grip, ribbed wooden handles. Cadmium plated shanks. Have deep holes in ends of shanks that will take long screws up to No. 10. Straight types, 6" and 9" long. Offset type is 6" long. These wrenches take standard hexagon nuts.

Size 6" Straight (A)	9" Straight (B)	6" Offset (C)
$\frac{3}{16}$ " K15203	K15209	K15206
$\frac{1}{8}$ " K15051	K15107	K15207
$\frac{1}{16}$ " K15052	K15109	K15208
$\frac{1}{4}$ " K15053	K15108	K15212
$\frac{3}{8}$ " K15054	K15110	K15213
$\frac{1}{2}$ " K15204	K15210	K15214
K15205—	K15211	K15215
Set of 6.....52c	Set of 6.....62c	Set of 6.....62c

10¢
each

12¢
each

12¢
each

Socket Wrench Set



Made of cadmium plated steel. Contains one each of the following sockets: $\frac{1}{8}$ ", $\frac{1}{16}$ ", $\frac{1}{4}$ ", $\frac{3}{16}$ ", $\frac{1}{2}$ ".
K15189—
Your Cost.....

28¢

Handy Hole Reamer For Radio Chassis



The handiest tool for reaming holes in radio panels, wood, light metals, etc. Length of blade 4". Will ream holes from $\frac{1}{8}$ " to $\frac{3}{8}$ ". Wt. 8 oz.
K15065—
Your Cost Each.....

19¢

Steel File Case



For shop notes, bills, private papers, etc. Finger-tip file and security box keeps them safe and handy. Is $12\frac{1}{2}$ " long, $5\frac{1}{2}$ " wide, $10\frac{1}{2}$ " deep. Holds 1000 sheets. With alphabetical index. Finished in black ripple—green inside.
K15160—
Your Cost.....

\$1.39

Trustest

Wrench Set and Screw Driver



Consists of a screw driver with a 3" straight and a 5" ell shaped extension. A coupling and the following sockets— $\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{1}{2}$ " and one internal knurled socket to fit any 12 pt. or round nut— $\frac{1}{16}$ " to $\frac{3}{4}$ ". Shpg. wt. 4 lbs.
K15159—Your Cost.....

79¢

Open End Wrench Sets



For garage, shop, home and radio service bench. Stay together where they can be found when needed. Six drop forged, open end wrenches $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ " and one internal knurled socket to fit any 12 pt. or round nut— $\frac{1}{16}$ " to $\frac{3}{4}$ ". Cadmium plated. Holder with spring catch.
K15143—
Your Cost.....

69¢

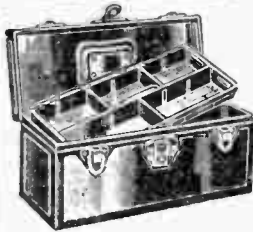
Center Punch



Exceptionally tough, swaged Carbon Steel. Heads and points polished. Knurled grip.
K14999—Your Cost Each

10¢

UTILCO Steel Tool Boxes A Box For Every Use The "Utility"



Ideal for auto mechanics, radio servicemen. Will hold many everyday tools. Loose tray with movable partitions. Heavy steel, beautifully finished. Nickel-plated hardware. Split-proof lock. Size $14x6\frac{1}{2}x6$ ". Shpg. wt. 6 lbs.
K14870—
Your Cost.....

88¢

The "Craftsman"

Cantilever tray pulls into position when box is opened. Contents easily accessible. Made of cold rolled steel with welded flush seams. Finished in hard baked, olive green enamel. Full grip handle. Has embossed rule on cover. Lock and key. Matched hardware. Size $14x6\frac{1}{2}x6$ ". Shpg. wt. 7 lbs.
K14871—
Your Cost, Each.....

98¢



Angle Wrenches



Adjustable angle wrenches of high quality drop-forged steel. Get into tight places. Adjusting screw will not jam. Cadmium plated.
K15141—6" size
Your Cost.....
K15142—8" size
Your Cost.....

45¢

54¢

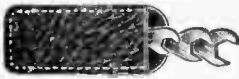
Tap Wrench



High quality carbon steel tool. Will take up to $\frac{3}{16}$ " tap. Used for threading holes.
Shpg. wt. 1 lb.
K14714—
Your Cost.....

19¢

Pocket Wrench Set



Handy pocket wrench set comprising three double open-end units; $\frac{1}{4}$ ", $\frac{3}{16}$ ", $\frac{1}{8}$ ", $\frac{1}{16}$ " and one for odd sizes. Made of good grade tool steel. Shipped in a convenient genuine leather case. Shpg. wt. 8 ozs.
K15081—
Your Cost.....

15¢

Expansive Bits



Made on Clark pattern. Complete with two cutters for drilling various size holes. Weight 1 lb.
K15116— $\frac{1}{4}$ to $1\frac{1}{2}$ "
Your Cost.....
K15117— $\frac{1}{8}$ to 3"
Your Cost.....

95¢

\$1.05

Tap and Die Sets



Has most commonly used sizes for all purposes. In wooden box containing three dies cutting $\frac{1}{4}$ ", $\frac{3}{16}$ " and $\frac{1}{8}$ ", with plug and hand taps to match. Contains tap wrench and die holder. Finely tempered steel; will stand up under severe strain. Shipping wt. 3 lbs.
K15229—S.A.E. Thread
K15230—U.S.S. Thread
Your Cost, Either Type.....

\$1.10

6-Foot Folding Rule



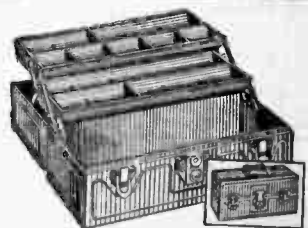
Yellow finished box-wood. $\frac{1}{16}$ " and $\frac{1}{8}$ " divisions. Self-locking metal bindings.
K14975—
Your Cost.....

15¢

The "DeLuxe"

TWO DOUBLE trays with cantilever action. Particularly suited for use as a tackle box or any outdoor use. Handy rule on cover. Full grip handle. Removable tray partitions. Carefully waterproofed. Lock and catches very sturdy. Size: $13\frac{1}{2}x6\frac{1}{2}x6$ ". Shpg. wt. 4 lbs.
K15153—
Your Cost.....

\$1.08



MECHANICS and SERVICEMEN



Rubber Pistol-Grip Hack Saw Frame



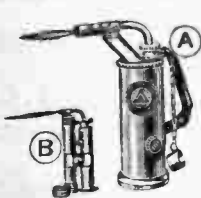
Pistol grip handle made of moulded rubber. Frame adjustable to various size blades and of very heavy construction. Complete with 8" blade. Shpg. wt. 3 lbs. **K15137—Your Cost... 35¢**

Hack Saw Blades

High grade steel. Strictly first quality. Very flexible. Fast cutting and long lived. Fully guaranteed. Will fit above and standard tools.

Stock No.	Size	Per Doz. Your Cost
K14965	8"	45c
K14966	10"	55c
K14967	12"	68c

LENK Automatic Blow Torch-Alcohol Type



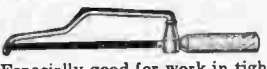
Type A: Double burner, one for needle point flame, add the attachment for heavy flame. Cleaning pin in handle. Size: 7x4 1/2 x 2 1/2". Wt. 4 lbs. **K14867—Your Cost \$2.35**
 Type B: A handy little torch for the serviceman's tool-box. Screw cap makes for easy loading. Leak proof. Copper heat conductor generates rapidly. Size: 6x2x1 1/4". Wt. 2 lbs. **K14868—Your Cost 88¢**

LENK Torch Gasoline Type



For service men and mechanics. Has flame control, shut-off valve, and many other features. Height 7 1/2", base dia. 3". Polished brass finish. Capacity 3/4 pint. Shpg. wt. 4 lbs. **K14855—Your Cost \$1.18**
K14856—Same, but for alcohol. Your Cost \$1.32

UNIVERSAL Hack Saw



Especially good for work in tight places. Thin quick cutting blade and tension adjusting handle. Shpg. wt. 3 lbs. **K15186—Your Cost... 28¢**
K15187—Blades. Each... 6c.

Handy Steel Calipers



Opens To 3" Measures inside and outside diameters up to 3 inches, calibrated in 1/16 and 1/8 part of an inch. Has knurled locknut. Indispensable to the careful constructor. **K14891—Your Cost 10¢**

Steel Letter and Figure Die Set



Complete alphabet of steel punches with which steel tools and any other softer materials may be permanently marked for identification. Also contains a complete set of numerals. Radio servicemen can use it for stamping serial numbers on repair jobs. Shpg. wt. 9 lbs. **K14977—Complete set with holder Your Cost \$1.49**

Testing Mallet



Every serviceman needs one to find chassis noises and loose connections. Hardwood, walnut stain. Cushion-rubber blocks on ends. **K15165—Your Cost... 35¢**

6-Foot Steel Tape Rule



Nickel-plated case. 2" diameter. Flexible concave 5/8" steel tape. **K14968—Your Cost... 35¢**

A.C.-D.C. ELECTRIC SPEED DRILL

The finest drill value available today. Drills through 1/4" steel. Its outside diameter of only 2 1/8" permits drilling 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 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—Your Cost Complete, Less Bits \$7.45**

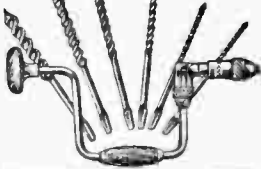


G. M. CO. ELECTRIC HAND DRILL



A sturdy 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**

Ratchet Brace and Bits



Steel brace has 10" sweep. Round knurled alligator jaw chuck with spring. Ring ratchet adjustment. Set of 6 Irwin auger bits, sizes: 1/4", 3/8", 1/2", 5/8", and 3/4". Ratchet brace with set of bits. Shpg. wt. 6 lbs. **K14735—Your Cost \$1.98**
 Ratchet brace only. Shpg. wt. 4 lbs. **K14736—Your Cost \$1.10**

HIGH SPEED BREAST DRILL



Very sturdily constructed. Chuck holds up to 1/2" drill. 3 spring-controlled steel jaws in chuck. 2-speed gears. Mahogany handles. Designed for heavy work and to minimize fatigue generally encountered in ordinary type drills. Entire drill finished in nickel, red and black. **K14993—Your Cost \$1.98**

Sturdy Hand Drill

A quality tool that every serviceman or mechanic needs. Constructed of high grade materials that insure long, unflinching service. Geared high to drill quickly. Drill chuck takes drills from 1/8" to 1 1/4". Made of hard steel and with perfect meshing gears. Easy grip handle. An excellent value. Wt. 2 lbs. **K14747—Your Cost 32¢**



G. M. Co. Hand Drills

Finely machined hand drills with 3/8" hardened chuck jaws. Accurately meshed gears. Polished hollow handle for storing drills. A much needed tool on the radio work bench. Easy-grip handle-top threads on to body. No lost drills with this tool! High speed gears. Shipping weight 2 lbs. **K14723—With side knob 89¢**
K14724—Less side knob 75¢
Your Cost

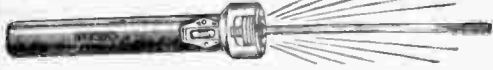


Carbon Twist Drills



Assortment of nine drills: sizes 1/8" to 3/4". Good steel; fast cutting. Correctly ground and will hold their edge. In wood box so that they can be kept track of, rather than be scattered over the work bench. Contains those popular sizes necessary for radio work. Handy for the serviceman's tool kit. Shpg. wt. 2 lbs. **K14709—Your Cost 39¢**

You'll Need This STANLEY Flash-Light Screw Driver



Indispensable when working into dark corners. A composition handle holds two standard cells and a flashlight bulb. Blade, 3/8" diameter 5" overall, is of finest steel and tempered overall. Tip is machined, cross-ground to size and magnetized for picking up small objects. A switch is mounted on the handle. With bulb. **K15035—Your Cost, Less Batteries \$1.05**
K15029—Cells for above. Per Pair 12c.

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.



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... 59¢**

GODELL PRATT Automatic Drill



Drills are contained within cap of tool. Special cap lock ejects size drill desired. Four jawed chuck securely grips drill. Bakelite handle. With 8 drills 1/8" to 1/4" dia. **K15283—Wt. 2 lbs. \$1.25**
Your Cost

To Speed Handling of YOUR Order--Use Our Order Blank

QUALITY SHOP EQUIPMENT



10" MOTOR-DRIVEN JIG SAW



Sturdily constructed cast iron frame eliminates all vibration. Grooved table 8" diam. Jig saw has a 10" throat. Takes a 5" plain-end saw blade. Saw guide is adjustable. Enclosed top spring. Two-speed V-pulley for 3/8" belt. Recommended speed, 700 r.p.m. for average work. Will cut stock up to 1 1/2" thick. Shpg. wt. 6 lbs. Motor and blade not supplied.

K14979—Your Cost \$1.69 **K14980—Six 5" blades Your Cost, per Set... 18¢**

ICA Improved All-Purpose Circle Cutter

Cuts 3/4 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 centering drill, any size pilot pin. Cuts wood, Bakelite, aluminum, steel, etc., cleanly. Shpg. wt. 3 lbs.



K15069—Your Cost \$2.35

BENCH GRINDER



Fits bench up to 1 1/2" thick. Grinding wheel 4" in diam. 3/4" wide. Adjustable guide. Dirtproof gear case. Geared for high speed work for home or shop.

Shpg. wt. 6 lbs. K14729—List \$2.00 Your Cost 95¢

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 \$5.9¢**

STURDY BENCH VISE



Finished in red enamel. Accurately cut spindle thread. Will clamp to board or bench up to 2 ins. thick. Anvil behind jaw.

K14727—Jaws, 2 1/2" wide. Shpg. wt. 7 lbs. Your Cost \$1.50
K14728—Jaws, 3 1/2" wide. Shpg. wt. 10 lbs. List \$3.00 Your Cost \$1.50

Rivet and Eyelet Punch

Can be used for riveting or eyeletting. 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

Multi-Purpose Cutting Tool

Very handy for the serviceman, set builder, metal shop, etc., having many uses such as counter-sinking, beating, drilling or cutting holes. Has a 3/8" pilot drill; cuts holes 1/8" to 3 1/2" in diameter. For use in a hand or drill press, or in a lathe when used as a boring tool. Wt. 2 lbs.



K15066—List \$2.75 Your Cost \$1.62

MOTOR DRIVEN DRILL PRESS

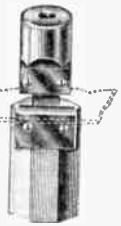
Here is the ideal low-priced drill press for the small shop. A light-duty, precision-type drill suitable for wet or dry drilling, designed as a real power tool capable of performing profitable work. Maximum distance from end of chuck to top of base, 6 1/2"; spindle travel, 1 1/2". Equipped with 3/8" drill chuck and 3/8" adjustable swinging table. Overall height, 20"; width 9 1/2"; depth 9". For 3/8" V-belt. Spindle speed depends on motor speed with 800 r.p.m. recommended for average work. A sturdy, dependable piece of shop equipment. Shpg. wt. 6 lbs.



K15133—Less bits Your Cost \$2.45

ICA SQUARE HOLE 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, sheet metal shop, etc. Particularly fine for enlarging or punching of transformer holes, condensers mounting, etc. Shpg. wt. 5 lbs.



K15067—Your Cost \$5.58

G. M. Co. Geared Chuck

7 to 1 geared chuck to use drills up to 3/8" in your small electric drill. Shpg. wt 4 lbs.

K14698—Each \$4.75

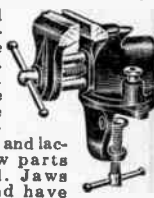
Motor Chuck-Arbors

Fit shaft of any small motor in place of pulley. With flange and locking nut to hold grinding wheels, saws, etc.

Unit	Motor	Your Cost
No. 495	Less Flanges	59¢
K15095*	495	79¢
K15096	490	
K15097	490-A	
K15098	490-B	

HANDY SWIVEL VISE

Different swivel positions obtained by the action of a spring plunger. Gray iron, fine grain. Jaws are accurately machined, polished and lacquered. Screw parts nickel-plated. Jaws open 2 1/2", and have double steel guide rods. Shpg. wt. 7 lbs.



K15135—Your Cost \$1.25

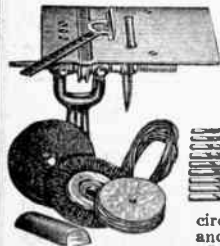
14-Piece Radio Tool Set



Contains 14 practical tools for radio servicing—3" screwdriver, 5" screwdriver, scriber, reamer counter sink, pliers, center-punch, socket wrench set for hex and knurled nuts, and 3 wrenches for hex nuts. Shpg. wt. 2 lbs.

K14908—Your Cost \$2.25

17 PIECE POLISHING HEAD OUTFIT



Not a toy!—but a real complete workshop outfit. Will drill, grind, polish, buff, scratch, saw, etc., do work. 1/2 h.p. motor recommended. Comprises 1/4" drill chuck, 4" circular saw, saw table and guide, 4" wire brush, 3" cotton buffer, 1/4x4" drills 1/8" to 3/8", belt,

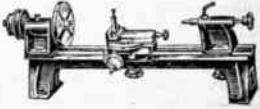
emery wheel, 9 twist pulley. Shpg. wt. 8 lbs. **K14746—Your Cost \$3.35**

CHASSIS CRADLE



Holds any make or model radio chassis in desired position for testing, aligning, repairing, replacing parts, or for counter demonstration. Special mechanical clamps grip chassis firmly, permit two free hands to work with. Of finished steel. Shpg. wt. 8 lbs. **K15071—Your Cost \$4.75**
K15072—Extra set clamps. Your Cost \$2.70

6" x 18" METAL TURNING LATHE



Single casting 26 1/2" bed, overall 29 1/2"; 18" between centers, 6" swing. Compound rest; transverse feed 2 1/2"; longitudinal feed 2", 4" face plate accurately turned and machined. 1/2" V-type 4-step cone pulley mounted between two Oilite bronze bearings in head stock; takes standard A-type 1/2" V belts or 3/8" belt. Takes all No. 0 Morse taper accessories; screw feed tail stock; carefully milled bottom fits ways perfectly. Convertible for Wood Turning. Tool post. Shpg. wt. 25 lbs. **K14741—No. 535 lathe Your Cost \$14.95**

Do you know about the new Wholesale Radio Service Co. Easy Time Payment Plan? Refer to pages 89-92 for complete information.



QUALITY TOOLS



FLEXIBLE SOCKET WRENCH SET



This flexible socket wrench set is ideal for radio, refrigeration, electrical and machine shops. The flexible wrench easily fits around corners and under chassis and enables you to get at nuts in awkward, out of the way, hard to get at places. The insulated shaft is made of laminated wires and fits into a ribbed wooden handle. All metal parts are cadmium plated and the entire set is packed in a handy and attractive box. Every

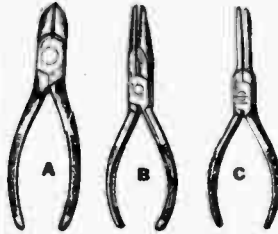
user of tools will welcome this addition to his tool kit and find innumerable uses for it. The set consists of the following:

- 1 Flexible wrench and handle
- 1- $\frac{1}{4}$ " Hex Handle and Extension
- 1 Ell Shaped—5" long
- 1- $\frac{1}{4}$ " Hex Straight Extension—3" long
- 1 Socket which holds the extensions to screw driver
- 1- $\frac{1}{4}$ " Socket
- 1- $\frac{3}{8}$ " Socket

- 1- $\frac{1}{2}$ " Socket
- 1- $\frac{3}{4}$ " Socket
- 1- $\frac{1}{2}$ " Socket
- 1- $\frac{3}{4}$ " Socket
- 1 Internal Knurled Socket to fit any 12 point Double Hex nut between sizes $\frac{1}{8}$ " and $\frac{3}{8}$ "

K15061—List \$3.00, Wt. 4 lbs. Your Cost.....\$1.76

KRAEUTER INDUSTRIAL FINISH PLIERS



The new Krauter Industrial Finish provides a non-smudging-black lasting finish not baked on but impregnated into the metal. Makes these fine pliers even better. You ought to own at least two good pairs. There's a pair for every purpose.

Diagonal Cutting Pliers

A—Cutting jaws meet perfectly. Cuts insulation as well as the wire.

No.	Length	Your Cost
K14942—	4 $\frac{1}{2}$ ins	\$1.00
K14944—	5 $\frac{1}{2}$ ins.	1.17
K14943—	7 $\frac{1}{2}$ ins.	1.34

Long Nose Pliers

B—For the hard to get at places. Side cutting blade will stay sharp.

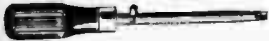
No.	Length	Your Cost
K14946—	5 ins.	\$0.94
K14945—	6 ins.	1.04
K14947—	7 ins.	1.10

Needle Nose Pliers

C—Furnished with an extra long finely tempered nose, for reaching into difficult places. Length 6".

K15076—Your Cost.....94¢

"Grip-Point" Screw Driver



A brand new idea in screw drivers! A wedge-like blade grips the slot of the screw, locking it to the screw driver. Can't drop screws, can't get out of order. Length 9 $\frac{1}{4}$ " overall.

K15064—Your Cost.....62¢

"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	Your Cost
K14721	4x $\frac{3}{8}$ ins.	35c
K14722	10x $\frac{3}{8}$ ins.	45c

GOODELL PRATT

Small Screw Drivers

Two useful small screw drivers. Fine for small screws as in radio knobs, etc. Blades 1 $\frac{1}{2}$ " and 2 $\frac{1}{2}$ " long.

K15282—Your Cost Per Pair 9¢

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. 23¢

Electrician's Screw Driver



Slender polished blade with forged point. Length of blade 6". Shpg. wt. 1 lb.

K15059—Your Cost.....10¢

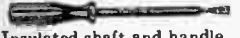
Shockless Screw Driver



Handle and Ferrule are moulded in one piece of Black Composition. 6" long. Shpg. wt. 1 lb.

K15060—Your Cost.....12¢

Insulated Screw Drivers



Insulated shaft and handle.

K15225—4 $\frac{1}{2}$ "	Each	14c
K15226—6 $\frac{1}{2}$ "	Each	20c
K15227—8 $\frac{1}{2}$ "	Each	25c
K15228—Set of 3.	Your Cost	54c

Pocket Ratchet Driver



Insulated handle. 6" long. Shpg. wt. 1 lb.

K15233—Your Cost.....19¢

SPECIAL VALUE TOOLS

Diagonal Cutting Pliers



A very popular plier with all servicemen. 5 $\frac{1}{4}$ " long. Shpg. wt. 3 lbs.

K15127—Your Cost Each.....32¢

Long Nose Pliers



5 $\frac{1}{2}$ " polished forged steel. Side cutting telephone type. Shpg. wt. 3 lbs.

K15241—Your Cost.....32¢

Lineman's Pliers



A sturdy heavy tool. Sharp cutters with strong handles. 6 $\frac{1}{2}$ " long. Ridged jaws and knurled grips. Shpg. wt. 3 lbs.

K15128—Your Cost.....37¢

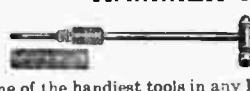
Nickel Thin Nose Pliers



A special nickel plier with long nose. Fine for getting into tight places. Has toothed pipe jaw and ridged flat jaw. With knurled grips. 6 $\frac{1}{2}$ " long. Shpg. wt. 3 lbs.

K15129—Your Cost.....33¢

HAMMER-SCREW DRIVERS



One of the handiest tools in any kit. A fine brass handle screw driver inserts in hammer handle. 7 $\frac{3}{4}$ " long. Shpg. wt. 2 lbs.

K15163—Your Cost.....17¢



A tiny claw hammer with a steel screw driver inserted in the shank, forming a handle. Fine for portable tool kits. 4 $\frac{3}{4}$ " long.

K15164—Wt. 2 lbs. 13¢
Your Cost.....13¢

4-in-1 Screw Driver



Four sturdy tools of diminishing size for all jobs. Each nests within its larger companion. 6 $\frac{1}{4}$ " long. Shpg. wt. 1 lb.

K15162—Your Cost Each.....19¢

3-in-1 Screw Driver



Nesting type. Smallest nests in handle of next larger and the two together in the largest. Steel blades with brass handles. 4 $\frac{1}{4}$ " long. Shpg. wt. 1 lb.

K15220—Your Cost Each.....10¢

Flexible Screw Driver



Strong, unbreakable, flexible shaft and insulated movable screw locator finds slots of screws in hard to reach places. Ideal tool for the serviceman, amateur, etc.

K15062—Your Cost.....88¢

Rubber Insulated Driver



Fine quality tool steel blade, embedded in a long, soft-rubber shock-proof handle. 8" long.

K15063—Your Cost.....16¢

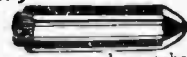
Right Angle Ratchet Screw Driver



Enclosed ratchet mechanism. Removable bit $\frac{1}{4}$ " wide, $\frac{1}{2}$ " long. Tool is 4" long. Simplifies cramped quarters work. Operates with $\frac{1}{2}$ " swing where space prevents use of other tools. Wt. 1 lb.

K15232—Your Cost.....49¢

Handy Scratch Remover



Removes mars and scratches from furniture. In container.

K15520—Your Cost.....23¢

KRAEUTER PLIERS

Electrician's Cutters



Modified electrician's pliers with fitted lap joint, hardened cutters.

No.	Length	Your Cost
K14935	6 $\frac{1}{2}$ "	84c
K14936	8"	\$1.00

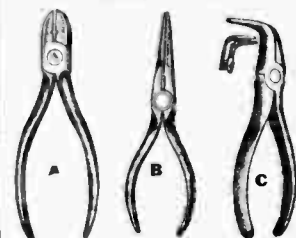
"Griptite" Combination



Slightly tapered nose and special non-slip serrated edge wire cutters.

No.	Length	Your Cost
K14937	6 $\frac{1}{2}$ "	44c
K14941	8"	60c

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 \$2.20
Your Cost.....\$2.20

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—\$2.30
Your Cost.....\$2.30



Wire Stripper

Strips insulation from wire easily and cleanly. Saves time. Cutting edge of tempered steel. Wt. 1 lb.

K15044—Your Cost Each.....9¢

To Speed Handling of YOUR Order -- Use Our Order Blank



Nickel-Brass Machine Screws

Stock No.	Length	Doz.	Gross
K14750	3c	30c	
K14751	4c	38c	
K14752	5c	50c	
K14753	5c	55c	
K14754	6c	65c	

8-32 Round Head Screws			
K14755	5c	50c	
K14756	6c	55c	

6-32 Flat Head Machine Screws			
K14760	3c	30c	
K14761	4c	38c	
K14762	5c	50c	
K14763	5c	55c	
K14764	6c	60c	

6-32 Oval Head Machine Screws			
K14770	3c	30c	
K14771	4c	42c	
K14772	5c	50c	
K14773	5c	55c	
K14774	6c	60c	

Cadmium-Plated Steel Machine Screws & Nuts

6-32 Round Head Steel Screws			
Stock No.	Length	Per 100	Per 1000
K14922	11c		\$0.98
K14923	12c		1.10
K14924	13c		1.17
K14925	14c		1.26
K14926	16c		1.50
K14927	20c		1.80

8-32 Round Head Steel Screws			
K14928	14c		1.26
K14929	16c		1.50
K14930	17c		1.60
K14931	20c		1.80
K14932	22c		2.05
K14933	27c		2.43

Cadmium-Plated Steel Hex Nuts			
K14939	6-32x1 1/2"	15c	1.40
K14940	8-32x1 1/8"	17c	1.55

Nickel-Plated Brass Round Head Wood Screws

Stock No.	Size	Length	Doz.	Gr.
K14780	4	4c	40c	
K14781	5	5c	50c	
K14782	5	6c	60c	
K14783	5	8c	80c	

Hex Nuts, Knurled Nuts, & Washers, Nickel-Brass

K14804	6-32x1 1/2" hex nuts.	Envelope of 20; Net	5c
		Per 100	20c
K14805	8-32x1 1/2" hex nuts.	Envelope of 20; Net	5c
		Per 100	20c
K14806	6-32x3/8" hex nuts.	Envelope of 15; Net	5c
		Per 100	25c
K14807	8-32x3/8" hex nuts.	Envelope of 15; Net	5c
		Per 100	25c
K14808	6-32x3/8" knurled nuts.	Envelope of 6; Net	5c
		Per 100	75c
K14809	No. 6 washers.	Envelope of 25; Net	5c
		Per 100	20c
K14810	No. 8 washers.	Envelope of 25; Net	5c
		Per 100	20c

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 98c**

Escutcheon Screws

Round head, bronze finish, 3/8" long. Fits any type escutcheon. **K14934—No. 2 size Per Gross 29c**

RADIO HARDWARE

"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 95c**

Self-Tapping Screw Assortment

Forty of the most commonly used sizes in modern receivers. Uses no nuts, merely start through. Used in many standard receivers. **K14687—Box of 40. Your Cost 29c**

Assorted Brackets

Box of 27 of the most popular angles and brackets used in radio. Brass, nickel-plated. **K14838—Your Cost 24c**

Assorted Hardware

For a 2-lb. Kit **45c**

A big assortment for the serviceman, of assorted screws, nuts, washers, eyelets, lugs, brackets, etc. (3 1/2 pounds.) Something of everything in the way of small parts used in radio. Shpg. wt. 5 lbs. **K14834—Your Cost 70c**

Same as above, but contains 2 lbs. of hardware. Shpg. wt. 3 lbs. **K14844—Your Cost 45c**

Right Angle Brackets

All are brass, nickel-plated; width is 3/8". Very sturdy. **K14895—1c**
K14896—2c
K14897—2 1/2c
K14898—3c
K14899—3 1/2c

Rubber Grommet Kits

Available in two assortments—kit "A" contains 12 assorted grommets in 4 sizes—3/16" to 1/2". Kit "B" contains 30 assorted grommets in 5 standard sizes—1/8" to 1/2". **K14794 Assort. "A" 10c**
K14795 Assort. "B" 26c

Rubber Grommets

Insulate holes in metal panels, chassis, electrical appliances, etc. **K14765 8c**
K14766 14c
K14768 19c
K14769 20c

Colored Grommets

Hard insulating composition; with knurled nut; in red or black. For instruments and where dressy appearance is desired. **K14688 Red 4 1/2c**
K14689 Black 4 1/2c
K14690 Either Color 5c
K14692 Either Color 6c
K14694 Either Color 6c

1/4" Brass Spacers

For raising components above chassis or away from panel. All pass, Nos. 4, 6 and 8 screws. **K9868 12c**
K9869 15c
K9870 17c
K9871 20c

Insulating Pitch

K14864—14-ounce can. Wt. 3 lbs. Your Cost 29c
K14865—1-gallon can. Wt. 12 lbs. Your Cost 1.25

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 24c**

Insulating Washers

Of fibre as in assortment above. Used for metal panel and chassis mounting of parts. **Fibre Washers—Shoulder Type**
K15020 1" 8c
K15021 1 1/2" 10c
K15022 2" 90c
K15023 2 1/2" 90c

Flat Bakelite Washers

K15030 3/4" 8c
K15031 1" 10c
K15032 1 1/2" 60c

Set Screws

These headless set screws are case hardened and finished in plain steel. Std. packing 100 per box. **K14786 1/8"x6-32 8c**
K14787 1/8"x8-32 8c
K14788 1/8"x6-32 8c
K14789 1/8"x8-32 8c
10 For 50 15c
50 For 54c

Heavy Duty Copper Lugs

For battery terminals, for lines carrying high current, etc. 1" long. No 8 slot. **K14912—Your Cost per 10 8c**
100 for 80c

Bumper Feet

These felt feet have a standard 6-32 screw inserted in the metal part that holds the felt in place. Easily screw into corners of cabinet. 1/2" wide. Prevents scratching or marring other instruments or furniture. **K14757—Your Cost Each 2c**
Per 10 18c
For 50 75c
For 100 125c

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 Leth. Per 50
No. Type Ins. Doz. For
K14823 C 1 1/2 10c 30c
K14824 C 1 1/2 11c 33c
K14825 A 1 1/2 25c 79c
K14826 A 1 1/2 26c 85c
K14800 B 1 1/2 10c 30c
K14801 B 1 1/2 12c 37c
K14802 E 1 1/2 13c 41c

Ornamental Top Bronze Finished Machine Screws

Stock No. Size Length Per Doz.
K14680 6-32 1 1/2" 8c
K14681 6-32 1 3/4" 9c
K14682 6-32 1 1/2" 10c

Snakeproof Washers

K14758—To pass No. 6 screw.
K14759—To pass No. 8 screw.
Either Type Envelopes of 25 7c
100 for 25c

Modern HOUSEHOLD APPLIANCES

"HOSTESS" A.C. CLOCK

A handsome wall-type kitchen clock. Dial meter is 7 1/2", depth 2". Case is of Beetleware and is available in ivory or green.



Bright Niral trimmings. Second hand. Ivory dial. Sealed-in synchronous motor. Operates on 110 volts, 60 cycles a.c. only. Maintains accurate time. Shpg. wt. 5 lbs.

K25003—Green Finish
K25004—Ivory
Your Cost Each... **\$3.95**

"HERALDER" A.C. ELECTRIC ALARM CLOCK



12-hour alarm mechanism. Self-starting synchronous motor, sealed in oil—requires no attention. In gleaming black Textolite case with

Ivory dial, black hands and gold sweep second hand; drum rests on two gold-finished tubular metal feet. For 110 volts, 60-cycle a.c. only. 4 1/4 x 4 1/4 x 2 3/8".
K25007—Your Cost... **\$3.70**

A-C-MATIC IRON



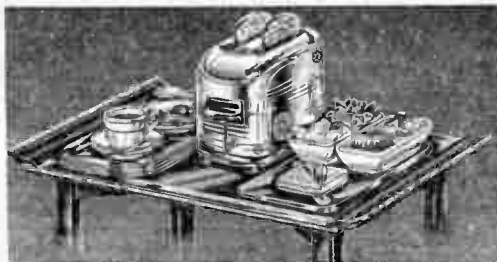
110-V. A.C. Only



Fully automatic 6 lb. iron, with complete range of ironing heats. Provides even ironing temperature for all types of material. Features: button saving nooks, heel stand, thumb rest and the famous Calrod long life element. Finished in chrome-plate. For 110 volts a.c. only. Consumption, 660 watts.

K25043—Your Cost... **\$4.46**

TOASTMASTER SERVICE SETS



With Four Individual "Lap Trays"

A new deluxe combination that is unequalled for beauty and at the same time is completely practical. Built around the newly designed, fully automatic Toastmaster 2-slice toaster. It pops up finished toast to any desired degree of brownness desired—it needs no watching. Bright chrome plate metal parts with modernistic etched design. Base, handles and other molded parts are dark brown Bakelite. Permanently attached cord and plug. With the toaster there is the large walnut serving tray; four individual "lap trays"; two graceful little appetizer dishes, in the new china vogue. Toastmaster knife and cutting board. Overall dimensions, with toaster: height 7 1/2", width 16", length 26 1/2". Shpg. wt. 17 1/2 lbs.

K25074—DeLuxe Toastmaster Hospitality Tray with toaster, dishes, 4-individual trays and serving tray. **\$17.60**
Your Cost.....

STANDARD HOSPITALITY TRAY

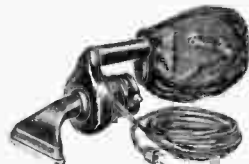
Similar to the above, but with glass relish dishes and without the four individual serving trays. Shpg. wt. 12 lbs. **\$14.75**
K25075—Your Cost.....

Two-Slice Toastmaster Toaster only. Shpg. wt. 7 lbs. **\$11.95**
K25076—Your Cost.....

FOLDING WALNUT SERVING STAND

Fits both standard and deluxe models. Solid walnut, folding type. Simplifies serving. Shpg. wt. 11 lbs. **\$3.75**
K25077—Your Cost.....

VIDRIO A.C.-D.C. PORTO-VAC CLEANER



Removes dust, dirt and lint from upholstery, draperies, clothing, stair carpets and dozens of other things the larger cleaner can't do. Easily manipulated with one hand. Equipped with powerful, guaranteed Vidrio motor operating on 110/125 volts a.c. or d.c. With long rubber cord and plug. Black wrinkle finish with green bag. Bristle brush in nozzle.

K25189—Your Cost... **\$4.75**

VIDRIO ELECTROMIX

SUITABLE FOR ALL DRINKS



A most inexpensive but exceedingly useful device. Designed as a combination mixer and whipper in one unit. Can be used anywhere because of its portability. Detachable stainless beater cleans instantly and easily. The glass container is of modern design and holds more than one pint. Motor operates on 110 volts, 60 cycles a.c. only. Equipped with an ample-grip handle through which passes the approved cord and plug. Shpg. wt. 6 lbs.

K25055—Ea. **\$1.29**
K25187—With metal handle, instead of wood grip handle. **\$1.10**
Your Cost.....

Vacuum Cleaner Model AV-1

Revolving Brush
18-Ft. Approved Cord

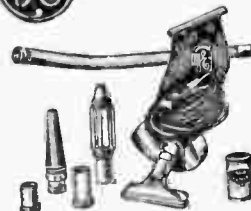


G.E.'s latest and finest. Rubber wheels will not mar your floors. G.E. trouble-free motor is sealed-in—needs no oiling and operates on either a.c. or d.c. Just plug it into any 110 volt socket. Has seven created fan that creates a powerful suction—gets all the dirt. Tufted horsehair revolving brush. New type dust bag. Body motor case and cap of lightweight aluminum. Rubber bumpers on front and sides. Furnished with 18-foot rubber covered cord and unbreakable plug. Size:

42" high, 14" wide, 12" deep. Guaranteed for 1-year. Finish: polished aluminum with blue dust-bag. Shipping weight 20 lbs.

K25039—Your Cost... **\$23.96**

TIDY CLEANER Model AV-20



Midget cleaner weighs only 4 1/2 lbs. With attachment reaches from floor to ceiling. Fixed brush loosens surface dirt. With glass deodorizer and insect repeller, and a can of dichloride crystals. Sealed-in motor (for 105/125 volts a.c. or d.c.), requires no oiling. With 15 ft. cord and plug. Shipping weight 9 lbs.

K25038—Your Cost... **\$14.20**

"HOTPOINT" PORTABLE MIXER

This new mixer is furnished with the latest juice extractor—it extracts all the fruit juice—strained—in one-third the time at the touch of a finger. In addition it mixes, beats, whips and stirs. May be used on its base or removed from it for use at the stove, sink or elsewhere. A 3-speed switch is placed close to the handle. Motor and base finished in stain-proof cream enamel with chrome trim. With mixer, mixer base, double beater, new juice extractor, large and small sure-grip Glasbake bowls and hard rubber spatula.



\$16.45

Additional Accessories for the Above.					
No.	Description	Each	No.	Description	Each
K25030	Reduction Unit...	\$3.35	K25034*	Shredder	\$2.95
K25031*	Food Chopper...	1.30	K25035	Drink Mixer	1.69
K25032	Knife Sharpener...	.55	K25036*	Ice Crusher	1.49
K25033	Grater...	.55	K25037	Pea Sheller	1.49

*Means accessory requires the use of speed reduction unit.

STERRO ELECTRIC DISHWASHER AND DRYER

Washes all dishes and silverware quickly, thoroughly and hygienically and then air-dries them to a brilliant sheen without removing them from the rack. Operates on the vacuum-pressure principle. No moving parts in tub to cause chipping or breaking. Small and compact; can be used on the range or on the sink. Lightweight; safe and easy to move about. Made of aluminum and galvanized steel; furnished with two wire dish racks. Easy to clean. Operates on 110/125 volts a.c.-d.c. Shpg. wt. 20 lbs.



K25190—Your Cost Complete... **\$10.95**

OILED SILK APPLIANCE COVERS

Keep your electrical kitchen appliances free from dust, dirt, insects and rust. New oiled silk (finest grade made) will not stain, crack, harden or mildew. Water-proof, acid-proof and stain proof. Easily washed.

K25191	Toaster Cover.	Your Cost	44c
K25192	Coffee Brewer Cover.	Your Cost	39c
K25193	Mixer Cover.	Your Cost	59c
K25194	Waffle Iron Cover.	Your Cost	59c

Modern HOUSEHOLD APPLIANCES

"Shave King" Electric Razor Specially Priced at \$7.45



You've been wanting a perfected electric razor within your price range, and here it is! Gives closer, smoother, more lasting shaves. Can't pull or nick—requires no practice or breaking in. You get a perfect shave the first time and from then on. Won't irritate the most sensitive skin—ideal for feminine use as well as for wire-haired beards. Incorporates a new principle head. Has separate connector. Plug it into any 110 volt outlet, either a.c. or d.c. A smooth, powerful motor drives the new shearing mechanism that cuts the beard at the surface of the skin. "Shave-King" will last a lifetime and pay for itself many times over in what you save on blades, soaps, lotions. With approved cord and plug. Shpg. wt. 2 lbs.
K25181—Shave-King Electric Razor
Your Cost Each..... \$7.45

NEW—HARMLESS—NON-DESTRUCTIVE IRWIN TELEVISION RIFLE



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K25200—Less Batteries \$1.49
Your Cost, Special.....
K20124—Flashlight cells. Your Cost Each..... 6½¢
K25201—Extra Targets (package of 30). Your Cost..... 9¢

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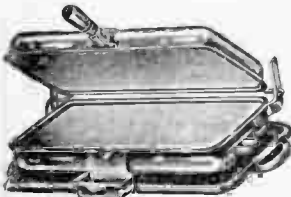
K25188 \$3.50
Your Cost.....
Lots of 3. Each..... \$3.30

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K25199 \$1.98
Your Cost.....

NEW GRILLETTE Sandwich Toaster



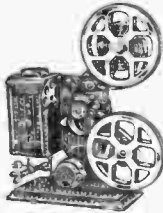
Will toast 2 sandwiches at a time, fry eggs, grill bacon, etc. Grill surface 10x5½". With grease cup so that no drippings can stain tableware. All nickel-plate finish with black base and "cool-grip" handle. Guaranteed. For 110 volts, a.c., or d.c. Shpg. wt. 5 lbs.
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Your Cost.....
K25174—Suede carrying case..... 99¢
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K25175 \$1.25
Your Cost.....

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K25179 \$5.95
Your Price.....

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Wt. 6 lbs.
K25180 \$1.95
Your Cost.....

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Carton of 50 Razor Blades.....

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3



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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.

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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. Rates vary with the shipping point.

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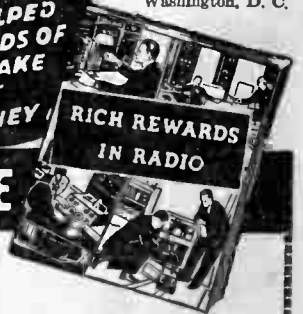
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12 tube 3 band A.C. superhet

- ★ Cathode Ray Tuning
- ★ Giant Tuning Dial
- ★ Full Range Tone Control
- ★ 12" Dynamic Speaker
- ★ Massive Console Cabinet
- ★ All-Wave Reception

**A PLEASURE TO SEE
A PLEASURE TO HEAR**



\$44.95

A SUPER-VALUE SUPERHET

Lafayette's claim to leadership in the radio field—leadership in both quality and price—is founded on just such values as this one. There is no other set on the market today that gives you so much for your money. Examine carefully the features outlined below—compare the beautifully styled console cabinet with others—and we're sure you'll agree that the exceptionally low price quoted is phenomenal.

15-TUBE PERFORMANCE

Twelve high gain, high power tubes are used in an efficient superheterodyne circuit that affords 15-tube results. The tube complement includes: 2-6H6's, 2-6K7's, 2-6F6G's, 2-6C5's, 1-6A8G, 2-5Y3's and 1-6G5.

12" DYNAMIC SPEAKER

A large (12") electro-dynamic speaker handles the entire output without distortion. Reception is crystal clear, just as it comes from the studio.

ALL-WAVE COVERAGE

The tuning range is split up into three complete bands as follows: 17 to 52 meters; 52 to 175 meters; 175 to 545 meters. Thus, European broadcasts, European amateurs, airplane calls, police calls and commercial short-wave stations are brought in, as well as the standard American broadcasts.

CATHODE RAY TUNING

A 6G5 cathode ray tube is used as a tuning indicator; when the "eye" "blinks," the station is properly tuned. Precision tuning is therefore a certainty; no technical knowledge necessary.

GIANT TUNING DIAL

Complex all-wave tuning is further simplified by the use of a giant 8" diameter tuning dial. Each band is individually calibrated, and in addition, regular short-wave and broadcast channels are marked. A "logging" pointer helps in re-tuning stations. Each band colored; ample edge-illumination.

AUTOMATIC VOLUME CONTROL

A powerful a.v.c. circuit prevents fading on distant reception and eliminates inter-station noise.

SMOOTH TONE CONTROL

A smooth acting tone control, governed by a panel knob, varies the high frequency response to suit the taste of the listener.

"A picture tells more than a thousand words," said a wise man, and he might well have been speaking of this console. Hardwood walnut veneers are used, with carved sides and grained instrument panel.

MODEL M42

Lafayette 12-Tube A.C. 3-Band Superhet, complete with tubes in console cabinet. For 110-120 volts, 50-60 cycles a.c. Size: 23" wide, 39" high, 12" deep. Shpg. wt. 65 lbs. Code FAUST. List \$89.90.

YOUR COST \$44.95
Lafayette All-Wave Aerial Kit. \$2.25
K15479

A Lafayette SMASH HIT!



**CATHODE RAY
TUNING EYE**



**MASSIVE
CONSOLE**



**GIANT
DIAL**



**FOREIGN
RECEPTION**

**11 Tube AC-DC
TWO BAND SUPERHET**

SOMETHING TO SHOUT ABOUT

The little men up above are shouting about several of the outstanding features of this Lafayette leader—and nobody can deny that they have "something to shout about." At no time in the history of radio sales has there ever been a value to equal this! An 11-tube superhet chassis housed in a beautiful console cabinet, complete—nothing else to buy—for only \$29.95. You'll never find a bargain to equal it — you'll never get as much for your money again! Don't pass up this opportunity—our 30-day free trial offer is your assurance that our claims are fully justified.

"BEAM POWER" OUTPUT

Eleven modern tubes, used in the powerful superhet circuit, afford great sensitivity and selectivity. Tubes used are: 1-6D6, 1-6F5G, 1-6A7, 1-76, 1-25L6G, 2-25Z5's, 1-67A and 2-33A's. The 25L6G is a "beam-power" output tube, affording more than ample undistorted power for all requirements. A matched 8" electro-dynamic speaker handles the entire output with great fidelity—every note from deepest bass to highest treble is clearly reproduced.

A separate speaker field rectifier is employed in order to insure maximum speaker efficiency at all times.

LISTEN TO EUROPE

Two bands are used to cover from 43 to 150 meters and 176.5 to 545 meters; this permits reception of European broadcasts, amateurs, police calls, airplane traffic and other short-wave communications.

AUTOMATIC VOL. CONTROL

A powerful a.v.c. circuit eliminates interstation "blasting", and minimizes annoying fading—a boon to DX'ers.

CATHODE RAY "EYE"

Critical tuning is simplified by a cathode ray tuning "eye." You tune until the eye "blinks" (as far closed as possible), and your station is perfectly tuned in.

GIANT TUNING DIAL

The gold dial, measuring 6x5", is easy to read. Both bands are individually calibrated, and the pointer fully covers the large figures. Edge illumination is used.

FULL TONE CONTROL

A full range tone control permits selection of tone to suit the individual taste of the operator. Bass notes can be emphasized at the turn of a knob.

BEAUTIFUL CONSOLE

The attractively styled console cabinet will grace the most tastefully furnished home. Constructed using hardwood veneers, with sloping sides and carved base piece. Speaker grill is fronted by decorative pillars.

MODEL FS47

Lafayette 11-Tube a.c.-d.c. (110 volts) Superhet, complete with tubes in console cabinet 23½" wide, 38" high and 11¾" deep. Shpg. wt. 49 lbs. Code FURAS. List Price \$59.90.

YOUR COST **\$29.95**
220 v. Adaptor Cord for above 75c
Special Lafayette All-Wave aeri. kit for use with above. Improves short-wave reception. **\$2.25**
K16479—YOUR COST

**\$29.95 AND WORTH
TWICE AS MUCH**



A VALUE that TOPS them all