

# LAFAYETTE RADIO

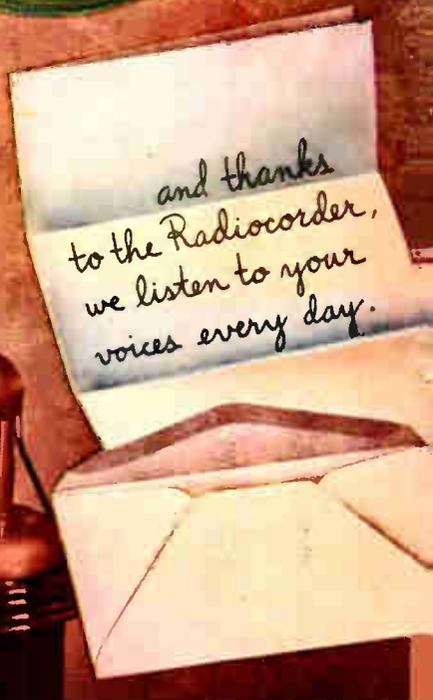
THE WORLD'S LARGEST RADIO SUPPLY HOUSE



CATALOG No. 82



NEW YORK • 100 SIXTH AVE. ★ CHICAGO • 901 W. JACKSON BLVD.  
ATLANTA • 265 PEACHTREE ST. ★ BOSTON • 110 FEDERAL ST.  
NEWARK • 24 CENTRAL AVE. ★ BRONX • 542 E. FORDHAM RD.  
JAMAICA, L. I. • 90-01 166th ST. ★ *Index* PAGES 190 AND 191



## Lafayette 9-TUBE TABLE MODEL RADIOCORDER

- RECORDS Voice, Music, Radio Programs, Home "Broadcasts"
- RECEIVES American, European and Short-Wave Broadcasts
- REPRODUCES Records of ALL Types—Superb Home "P.A." Unit

Lafayette proudly presents this 9-tube Radiocorder, superb combination radio phonograph, home recorder and public address unit. Destined to become the instrument by which all other "home recorders" must be judged, this Radiocorder is complete in every detail including microphone, recording blank and recording needles. Undoubtedly one of the greatest Lafayette values of all time. Try one on our liberal 30-day home-trial offer—we know that its performance will make you an enthusiastic Lafayette booster, not only because it more than lives up to the claims we make for it, but because of the real savings this value offers. Just glance through this list of features and convince yourself of its superiority:

**THREE-BAND SUPERHETERODYNE:** An ultra-modern, 3-band superheterodyne forms the basic unit of this Radiocorder. Covered are the American domestic broadcast band on 540 to 1680 kc (556 to 178 meters); the other two bands 2.25 to 7 mc (133 to 43 meters) and 7.5 to 24 mc (12.5 to 40 meters) cover International short wave, Police, Aviation, Amateurs, etc. Tubes used include: 1-6SA7, 1-6SK7, 3-6SQ7, 2-6K6GT, 1-6U5 tuning "eye" and 1-80 rectifier.

**FIDELITY RECORD PLAYER:** Utilizing a modern tangent-arm crystal pick-up the phono unit of this recorder provides superb reproduction of ALL commercial records as well as of your own recordings. Plays both 10" and 12" records

**ULTRA-MODERN HOME RECORDER:** This most advanced type of home recording mechanism makes it amazingly simple to record any broadcast radio program, talking, singing, playing of yourself, your friends, your family.

**CRYSTAL CUTTING HEAD** for wide-range recording. Arm moves "outside-in" so that recordings may be played back upon any record player. Pre-set head for correct depth of cut.

**CONSTANT SPEED HEAVY DUTY MOTOR** with 10-inch turntable. Records blanks up to 10 inches; plays back all records up to 12 inches.

**8-INCH ELECTRO-DYNAMIC SPEAKER** provides full-range frequency response on both radio and records; excellent tone quality.

**ADJUSTABLE ANTENN-AIRE.** A new Lafayette development, permits adjustment of loop position from front of panel.

**VARIABLE TONE CONTROL** for both radio and phono, adjustable for individual tastes.

**AUTOMATIC VOLUME CONTROL** assures constant volume level on all radio programs.

**AUTOMATIC BASS COMPENSATION** maintains tonal balance at all volume levels.

**HIGH-POWER PUSH-FULL OUTPUT** for practically distortionless reception and recording.

**CRYSTAL MICROPHONE** of latest type for use in home recording. Bronze finish, 10-ft. cable.

**MIKE PRE-AMPLIFIER TUBE:** A 6SQ7 tube is used to amplify microphone input.

**DUAL NEON LEVEL INDICATOR** glows when volume level is best for recording. Assures perfect recordings every time.

**HANDSOME TWO-TONE WALNUT CABINET** houses this splendid Radiocorder. Of dignified moderne design, hand-rubbed satin finish. Full vision easy-to-read dial calibrated in kilocycles and megacycles.

**MODEL J5-176 LAFAYETTE 9-TUBE TABLE RADIOCORDER,** complete as described above, in handsome walnut table model cabinet. Complete with all tubes, crystal microphone, six 6" recording discs, 2 steel recording needles and full instructions. For 110 volts, 60 cycles A.C. Size: 13 $\frac{3}{4}$ " high, 21 $\frac{1}{8}$ " wide, 14 $\frac{3}{4}$ " deep. Code, IMAGE. Shpg. wt. 58 lbs. List Price \$99.50.

Your Cost, Singly. . \$57.50

In Lots of 3, YOUR COST, EACH.

**\$54<sup>95</sup>**



# THE Lafayette PERSONAL RADIO

Dainty as milady's handbag—and just about as big—this unique Lafayette Personal Radio is just what Americans "on the move" have been looking for. The tiny set makes use of the very latest 1.4 volt "miniature" tubes to bring you a quality of entertainment that seems miraculous. No matter where you take it—at the beach, to sports events, to the office, and even while walking in the street—it operates efficiently. It's housed in a durable leatherette covered case (just about the size of a camera) that measures only 8 1/4" long, 4 1/2" wide and 3 1/2" deep. All operating controls are protected by a hinged door that locks over the front; you carry it by means of the sturdy handle at the top. (Weights only 4 1/2 lbs.) You can be the center of attraction wherever you go by taking a "Personal" along—and it costs very little to own and operate!

**LATEST SUPERHET CIRCUIT:** only by making use of the very latest type exceptionally low drain tubes has the compact construction of the Personal been made possible. It employs 1R5, 1T4, 1S5 and 1S4 tubes, in a well designed superhet circuit that provides good tone with sufficient power. A matched PM speaker of special design is housed directly behind the louvred front panel.

**ECONOMICAL OPERATION:** the receiver is powered by two flashlight cells (1 1/2 volts each) that cost but a few cents and one 6 7/8-volt "B" battery that lasts approximately 40 hours. Batteries can be replaced in a jiffy by anyone.

**BUILT-IN ANTENNAIRE:** a special loop antenna built into the case acts as an efficient aerial. As soon as the front door is opened, the receiver automatically turns "on"—ready to tune; when door is closed, set automatically is turned "off". Tuning range covers the entire domestic broadcast band from 535 to 1650 kilocycles. Two panel controls govern all operations; a calibrated volume control and a calibrated (in kc) tuning dial. Front panel neatly etched.



**MODEL E-191:** With tubes and batteries. Net weight only 4 1/2 lbs. Shpg. wt. 6 lbs. Code, EDIFY. List \$25.00.

**YOUR COST, Singly (with batt.)** ..... \$14.95  
**In Lots of 3, With Batteries, YOUR COST, EA.** **\$13.95**  
 K20621—1 1/2 v. cells. Each ..... 6 1/2 c  
 K20183—6 7/8 v. "B" batt. .... \$1.75



Use it at the Picnic grounds



Use it at any sports event



Use it at the country club



Use it when you are traveling



Use it when at the beach



ADDED ENJOYMENT FROM SELECTED RECORDINGS

## Lafayette "LITTLE GIANT" PHONO-RADIO

This miniature phono-radio combination is perfect for small apartments, for the children's room or for the students dormitory. Its superhet circuit and matched PM speaker provide good tone quality with ample volume. And it's offered at a price you'd ordinarily have to pay for a radio only! Take advantage of the extra enjoyment afforded by the record playing facilities by ordering Model D-133 NOW!

**THE RADIO:** employs a 12SA7, 12SQ7, 50L6GT "Beam Power" output tube and a 3S25GT power rectifier, and has a matched PM speaker to provide good tone quality.

**THE PHONO:** makes use of a self-starting constant speed phano motor provided with a flocked turntable. Plays 10" and 12" records. The latest type offset head CRYSTAL pick-up brings you faithful record reproduction. Phono radio switch on the motor board for instant changeover from radio to phonograph operation.

**HANK ANTENNA** furnished with the set provides satisfactory reception under ordinary circumstances. An external aerial may be connected if desired. Tuning range brings you all domestic broadcasts.

The entire assembly is housed in a compact combination cabinet covered with attractive brown leatherette. Size: 11" wide, 9" high, 11 1/2" deep. Shpg. wt. 15 lbs.

**MODEL D-133:** With tubes. For 110 volts, 60 cycles a.c. only. Code, WARLD.

**YOUR COST, Singly** ..... \$13.85

List \$25.00.

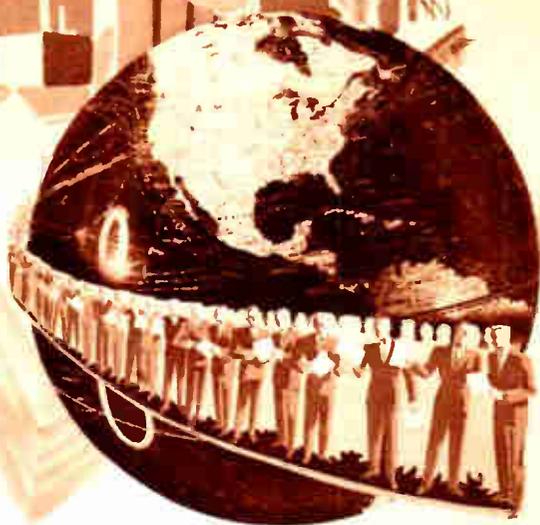
**In Lots of 3, YOUR COST, EACH** ..... **\$12.95**

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# How Long



THIS *Lafayette*  
CATALOG YOU HOLD  
DO YOU KNOW WHAT  
LIES BEHIND IT?

A mammoth organization, you say. A company whose vast purchasing power brings you whatever you want in Radio at a bedrock low price.

A company staffed by experts in every department of Radio and Sound, always ready and eager to help you with your problems.

A company whose miles of stock shelves boast today's leading names in Radio—yes, and Yesterday's too, don't forget. Names that reflect a great heritage of research in radio.

A company equipped to serve you with everything in Radio and Public Address Equipment; whose every printed word is backed by guarantees; a company geared to speed your order—no matter how large . . . no matter how small—to your door, wherever that door may be.

That, very sketchily, is the picture behind this great new Lafayette Radio Catalog. But have you ever stopped to consider how that picture was made?

Not in some darkroom overnight, surely. Not in a single year, or even several years.

For twenty years, under the same management, Lafayette has labored on this gigantic project that now circles the globe. Twenty years—in the open—where others might and did see . . . where others might and did attempt to duplicate Lafayette's system, Lafayette's reliability, Lafayette's money-saving prices. Always there are those who seek reputation by imitation.

**LAFAYETTE RADIO CORP.**

CHICAGO

ATLANTA

1921  
1941

# is Twenty Years?

And yet through all these years Lafayette has been first consistently. First in quality, first in service, first in Radio value around the world. How simple it all sounds—how easy to telescope in type and scan, until you ask yourself: how long is twenty years?

A long time, you say. But how long? Long enough for a world to change. Long enough for an industry to shape itself out of dreams, develop, and be relied upon to communicate that world's changing to the corners of the earth.



Today, where is the transportation, the shop, the style, the arts and sciences, the entertainment and entertainers, the public figure, the trade name, the standard, the method of two decades ago?

New times, new ways, new faces.

They only survive who have built on solid foundations, who are guided by principles that do not change, who grow and reflect the spirit of the times.

Such an organization is Lafayette Radio. A company old now in years, but still young in spirit. Young enough to adapt itself to the new ways—as informed on the latest developments in Radio and Sound as it is prepared to supply you with the equipment such developments require—and all the more dependable for its rich background of practical experience.

Today, Lafayette uses high speed transport facilities and modern teletype to bring you, from its nearest strategic branch, whatever you desire, and faster than ever before.



Today, Lafayette prestige among manufacturers means for you wider, more complete selections of top-quality merchandise than ever before.

Today, Lafayette's mighty buying power enables you to enjoy bigger values at less cost than ever before.

How long is twenty years? Long enough for a whole new generation to come of age and chorus a national buy-word of two decades ago—

THE WORLD'S  
LARGEST  
HOUSE  
RADIO SUPPLY  
**20<sup>th</sup>**  
ANNIVERSARY

you can't beat  
*Lafayette Radio*  
for Economy,  
Dependability & Service.

NEWARK  
BRONX  
JAMAICA  
NEW YORK  
BOSTON  
**WHOLESALE RADIO SERVICE CO.**



## Lafayette 5 TUBE AC-DC PORTABLE SUPER

You'll get a real thrill out of the way this beautiful little Lafayette 5-tube AC-DC superhet performs no matter where you carry it. Built-in Antennaire enables you to place it anywhere, plug in and there you are—listening to your favorite programs better than you ever expected to hear them on a set selling at this sensationally low price. Housed in Walnut or plastic Ivory cabinet that will find a ready welcome in any part of your home: Glance over these fine, modern circuit features: **MAGIC ANTENNAIRE:** Pulls in stations from near and far. No aerial or ground needed. Amazingly fine full-bodied reception. **LATEST TYPE SUPERHET:** Utilizing the most

modern circuit design for sensitivity, selectivity and quality of tone unusual in a small set. **FULL-RESPONSE P.M. SPEAKER** for excellent reproduction on all broadcasts. **EXTENDED TUNING RANGE:** covering from 535 to 1720 kc. (560 to 174 meters) for all domestic broadcasts and state police calls. **BEAM-POWER OUTPUT:** For quality and volume. Tubes: 12SA7GT, 12K7GT, 12SQ7GT, 50L6GT "Beam-power" output and 35Z5GT rectifier. AVC assures constant volume level. **AIRPLANE TYPE DIAL** with gold indicator and easy to read numerals for quick tuning. **PLASTIC CABINET AND CARRYING HANDLE.**

**MODEL JS-177**—Lafayette 5-tube AC-DC Superheterodyne in Walnut cabinet with carrying handle. Complete with all tubes. Size: 6 3/4" high, 9" wide, 6 1/4" deep. Code, IMPEL. List Price \$15.95. Shpg. wt. 10 lbs.  
**YOUR COST, Singly.....\$7.95**  
**In Lots of 3,**  
**YOUR COST,**  
**EACH.....\$7.45**

**MODEL JS-178**—Similar to above, but in plastic Ivory cabinet, with handle. Code, IMPLY. List \$17.95.  
**YOUR COST, Singly.....\$8.95**  
**In Lots of 3,**  
**YOUR COST, EACH.....\$8.45**  
 220-volt adapter cord add.....5%



INEXPENSIVE...YET  
FINE PERFORMERS

## Lafayette ECONOMY AC-DC SUPERHET

Amazing is the word for this value, and amazingly is the way this little 4-tube Lafayette AC-DC Superhet performs. As beautiful to look at as to hear, it really does a "big-set" job that is truly remarkable. Try one on our liberal 30-day home trial offer. We're sure that you'll be more than satisfied with your choice. Like all Lafayette sets it has the "Extras" that make for really enjoyable listening. Check these worth-while 1941 circuit features:

**LATEST SUPERHET CIRCUIT:** incorporating four modern high gain tubes in a highly efficient superhet circuit that brings in not only the broadcast but the upper police band.

**AUTOMATIC VOLUME CONTROL** maintains constant volume level on all stations. **ANTENNA PLATE** for local stations. Aerial hank for distance reception supplied. **MULTI-PURPOSE TUBES:** 1-12SA7 oscillator-converter; 12SQ7 detector, AVC and audio; 50L6GT "beam-power" output and a 35Z5GT rectifier. For 110 volts, AC or DC. **P.M. DYNAMIC SPEAKER** of unusual brilliance and volume. Full-range response. **COMPLETE BROADCAST COVERAGE:** tunes from 540 to 1750 kc (171 to 556 meters). **ATTRACTIVE PLASTIC CABINET** in either Walnut or Ivory. Airplane type tuning dial.

**MODEL D-131**—Lafayette 4-tube AC-DC Superheterodyne in Walnut molded cabinet, complete with all tubes. Size: 6 1/2" high, 9 3/4" wide, 7" deep. Shpg. wt. 8 lbs. Code, WALER. List Price \$9.95.  
**YOUR COST, Singly.....\$5.98**  
**In Lots of 3,**  
**YOUR COST,**  
**EACH.....\$5.75**

**MODEL D-132**—Same as above, but in Ivory molded cabinet. Code, WALSH. List \$11.95.  
**YOUR COST, Singly.....\$6.75**  
**In Lots of 3,**  
**YOUR COST, EACH.....\$6.49**  
 220-volt adapter cord add.....5%

ALL LAFAYETTE Radios are R.C.A. and Hazeltine Licensed.



## Lafayette 5 TUBE AC-DC SUPERHETERODYNE

Here's one of the handsomest little 5-tube AC-DC Superheterodynes you've ever seen—or heard. Its simple, almost classic lines, its fine craftsmanship, its superior finish and all-around superb performance are typical of Lafayette's endeavor to supply you with the finest that engineering and experience can turn out—at a price that is almost unbelievably low. With its built-in loop antenna and its ability to play anywhere on 110 volts AC or DC, you'll find this an ideal set for any room in the house, den, dormitory, office, etc. Broadcast and upper police band covered completely. These features are outstanding:  
**MAGIC ANTENNAIRE:** Lafayette's exclusive

loop antenna system that adds extra efficiency to the sensitivity and selectivity of this fine set. Plays anywhere—no aerial or ground required.  
**MULTI-PURPOSE TUBES:** 1-12SA7 converter; 1-12SK7 i.f. amplifier; 1-12SQ7 detector, AVC and 1st audio; 1-50L6GT "beam-power" output tube and 1-35Z5GT rectifier.  
**AUTOMATIC VOLUME CONTROL:** provides constant volume level on weak, distant stations.  
**SUPERHETERODYNE CIRCUIT** covering the 1700 to 540 kc (556 to 176 meters) broadcast and upper police band.  
**ILLUMINATED SLIDE-RULE DIAL** attractively recessed. Easy to read and log.

**DUO-TONE WALNUT VENEERED CABINET,** beautifully grained, hand rubbed satin finish. Attractive speaker grille and molded control knobs. Compact enough to "fit" anywhere.  
**QUALITY P.M. DYNAMIC SPEAKER** for excellent tonal reproduction.  
**MODEL S-165—Lafayette 5-tube AC-DC Superheterodyne** in Walnut table cabinet, complete with all tubes. Size: 6 $\frac{3}{4}$ " high, 11" wide, 8 $\frac{1}{2}$ " deep. For operation on 110 volts AC or DC. Shpg. wt. 10 lbs. Code, PALET. List Price \$19.95.  
**YOUR COST EACH, Singly . . . \$9.95**  
**In Lots of 3, YOUR COST, EACH . . . \$9.45**  
 220-volt adapter cord, add . . . . .59c



**30-DAY HOME TRIAL ON ANY LAFAYETTE**

## Lafayette 5 TUBE AC-DC PLASTIC SUPERHET

Streamlined in keeping with the modern mode this attractive, molded cabinet, 5-tube Lafayette AC-DC superheterodyne with built-in Magic Antenna is a real little performer that is an unbeatable value. Ideal as an "extra" set for the kitchen, children's room, den, or anywhere about the house. Built with typical Lafayette precision, its "big-radio" tone and operating ease will delight you. Features of interest to you are:  
**SENSITIVE SUPERHET CIRCUIT:** Latest engineering developments in superhets incorporated. Sensitive for weak, distant stations, selective for crowded broadcast band.  
**HIGH-GAIN TUBES:** Five multi-purpose tubes

provide 7-tube performance. Tubes include: 12SA7 converter; 12SK7 i.f. amplifier; 12SQ7 detector, AVC and 1st audio; 50L6GT "beam-power" output and a 35Z5GT rectifier.  
**MAGIC ANTENNAIRE:** No external antenna required: built right into the set.  
**EXTENDED TUNING RANGE:** Broadcast and upper police band covered from 540 to 1730 kc. (173 to 556 meters). Includes hi-fidelity stations.  
**AIRPLANE DIAL:** Calibrated in meters and kilocycles. Easy to read; well illuminated.  
**P.M. DYNAMIC SPEAKER** supplies excellent reproduction of all programs.  
**STREAMLINED MOLDED CABINET** of pleasing modern design. In Walnut or Ivory.

**MODEL D-139—Lafayette 5-tube AC-DC Superheterodyne** in Walnut molded cabinet, complete with tubes. Size: 7 $\frac{1}{4}$ " high, 12 $\frac{1}{8}$ " wide, 7" deep. Shpg. wt. 13 lbs. Code, WINDY. List Price \$17.95.  
**YOUR COST, Singly . . . . . \$8.95**  
**In Lots of 3, YOUR COST, EACH . . . . . \$8.45**  
**MODEL D-140—As above, but in Ivory molded cabinet.** Code, WIVES. List \$19.95.  
**YOUR COST, Singly . . . . . \$9.95**  
**In Lots of 3, YOUR COST, EACH . . . . . \$9.45**  
 220-volt adapter cord, add . . . . .59c

**20<sup>th</sup>**  
ANNIVERSARY



AC-DC MODELS  
PLUG IN ANYWHERE



## Lafayette 5 TUBE AC-DC PUSH-BUTTON SUPER

Here's the radio you're looking for if you want a beautifully playing, push-button tuning AC-DC superhet that works perfectly no matter where you plug it in. Its gleaming, "sculptured" modern cabinet, its exquisite tone and its ease of operation all combine to make it one of the great Lafayette values of the season. Our 30-day home trial offer will easily convince you of that. Try one and note these outstanding desirable circuit features:

**ADVANCED SUPERHET CIRCUIT:** Using the latest multi-purpose tubes and covering the complete broadcast band from 534 to 1650 kc (562 to 182 meters).

**PUSH-BUTTON TUNING:** Select any one of five stations perfectly tuned, instantly. Amazingly simple to set or re-set; station letter tabs supplied. Manual tuning knob for all other stations.

**MAGIC ANTENNAIRE:** Lafayette's exclusive built-in loop pulls in stations from near and far. No aerial or ground necessary.

**"BEAM-POWER" OUTPUT** provides ample volume, fine tone quality. Tubes used: 12SA7, 12SK7, 12SQ7, 35L6GT "beam-power" output and 35ZGT rectifier; more than ample volume.

**BEAUTIFUL PLASTIC CABINET:** Attractive streamlined design. Available in gleaming Ivory or rich-looking Walnut finishes.

**ILLUMINATED SLIDE-RULE DIAL** for manual tuning. Indirectly lighted, calibrated in KC.

**MODEL FE-143** — Lafayette 5-Tube, AC-DC push-button Superheterodyne, in Walnut finished case, complete with all tubes. Size: 6 3/4" high, 12" wide, 6" deep. Code, HAGO. List Price \$19.95. Shpg. wt. 11 lbs.

**YOUR COST, Singly**..... \$9.95  
**In Lots of 3,**  
**YOUR COST, EACH**..... **\$9.45**

**MODEL FE-144**—As above, but in Ivory finished case. Code, HAITI. List \$21.95.

**YOUR COST, Singly**..... \$10.95  
**In Lots of 3,**  
**YOUR COST, EACH**..... **\$10.45**  
For 220-volt adapter cord, add..... 57c



## Lafayette 5 TUBE AC-DC PORTABLE SUPER

You can carry this set wherever you go, just like a portable—then simply plug into an AC or DC line and tune in. Its Magic Antennaire frees you of the necessity for aerial or ground—its convenient carrying handle makes for easy portability. Five latest type tubes give equivalent of 7-tube performance over the entire broadcast and upper police band. Try it on our generous 30-day home trial offer to be convinced of the genuine "big-set" tone and value to be found in this Lafayette Super.

**BEAM-POWER OUTPUT** for ample volume and extra-fine tone quality on all stations.

**MAGIC ANTENNAIRE:** Lafayette's exclusive

new loop—no aerial or ground required.

**MODERN SUPERHET CIRCUIT:** Most advanced design. Provides 7-tube performance through use of new multi-purpose tubes.

**HIGH GAIN TUBES** include: 1—6SA7GT, 1—6SK7GT, 1—6SQ7GT, 1—25L6GT "beam-power" output, 1—25Z6GT rectifier and 115.78 ballast. (There is no "hot" line cord.)

**VARIABLE TONE CONTROL;** usually found only on more expensive units. Provides music and tone to suit your own taste.

**GOLDEN GLOW DIAL;** floodlighted for easy tuning and simplified reading.

**FULL RESPONSE DYNAMIC SPEAKER.**

**HANDSOME PLASTIC CABINET** finished in either Walnut or Ivory, with matching handle.

**MODEL JS-179** — Lafayette 5-tube AC-DC Superheterodyne in Walnut finished case, complete with tubes. Size: 8 1/2" high, 14 3/8" wide, 7" deep. Code, INCUR. Shpg. wt. 12 lbs. List Price \$19.95.

**YOUR COST, Singly**..... \$12.45  
**In Lots of 3,**  
**YOUR COST, EACH**..... **\$11.75**

**MODEL JS-180**—As above, but in Ivory finished case. Code INDIA. List \$22.95.

**YOUR COST, Singly**..... \$13.95  
**In Lots of 3,**  
**YOUR COST, EACH**..... **\$12.95**  
For 220 volt operation add..... 57c

**ALL LAFAYETTE Radios are R.C.A. and Hazeltine Licensed.**



## Lafayette 6 TUBE AC-DC PUSH-BUTTON SUPER

Convenience, luxury, excellent reception, tone quality and value—that's the story of this Lafayette 6-tube AC-DC push-button superhet in a nutshell. Consider the ease and enjoyment of tuning in any one of your six favorite stations by merely pressing a button—consider your amazement at its "Big set" tone—and consider the savings to you in the sensationally low price. And these features, too, consider:

**PUSH-BUTTON TUNING:** instantaneous selection of any one of six stations of your choice. Easy to set—easy to reset when desired; Tuning range covering 530-1600 kc (187-567 meters). Manual tuning knob also provided.

**R. F. STAGE:** This advanced superhet includes

one stage of r.f. amplification for greater selectivity and sensitivity on all stations.  
**MAGIC ANTENN-AIRE:** Lafayette's exclusive built-in loop permits noiseless reception anywhere without use of any aerial or ground. Terminals provided for external aerial.  
**MULTI-PURPOSE TUBES** used include: 12SK7 r.f.; 12SA7 converter, 12SK7 i.f.; 12SQ7 det., AVC, 1st audio; 35L6GT "beam-power" output and a 35Z5GT rect. For 110 volts AC or DC.  
**FULL-RESPONSE P.M. SPEAKER** will flood your home with superior tone and volume.  
**AUTOMATIC VOLUME CONTROL** prevents fading on weak or distant stations.  
**HANDSOME PLASTIC CABINET** of ultra-modern streamlined design to harmonize with all

surroundings. Available in rich Walnut finish or gleaming Ivory.

**MODEL FE-141**—Lafayette 6-tube, push-button AC-DC Superheterodyne in Walnut finished case. Complete with all tubes. Size: 7" high, 12½" wide, 6½" deep. Code, HAFIZ. Shpg. wt. 11 lbs. List Price \$23.50.

**YOUR COST, Singly.....\$11.95**  
**In Lots of 3, YOUR COST, EACH.....\$11.25**

**MODEL FE-142**—As above, but in Ivory finished case. Code, HAGAR. List \$24.95.

**YOUR COST, Singly.....\$12.95**  
**In Lots of 3, YOUR COST, EACH.....\$12.25**  
 For 220-volt adapter cord, add.....59c



EASY TO TAKE FROM ROOM TO ROOM



## Lafayette 6 TUBE 2 BAND AC-DC SUPER

This beautiful little 6-tube, 2-band AC-DC Lafayette Superhet performs as beautifully as it looks. Covers the major portion of the international short-wave band as well as all the American broadcast stations. Try one yourself on our liberal 30-day home trial offer. Stage of r.f. amplifications pulls in stations from everywhere—see its lovely Walnut or jewel-like onyx-ivory cabinet; convince yourself of its worth.

**TWO-TUNING BANDS** cover short-wave stations, amateurs, aviation on 5.7 to 18.3 mc (16.4-52.7 meters), and broadcasts on 540 to 1600 kc (556 to 187 meters).

**POWERFUL R.F. STAGE** for greatly increased

sensitivity and selectivity on short-wave and weak or distant broadcast stations.  
**MAGIC ANTENN-AIRE** enables you to play this superb little set anywhere without use of aerial or ground on broadcast band. S-W band requires aerial for best results.  
**P.M. DYNAMIC SPEAKER** for full-range response, volume and tone quality.  
**AUTOMATIC VOLUME CONTROL** keeps your set volume at constant level, at all times.  
**ILLUMINATED AIRPLANE DIAL** plainly calibrated for easy tuning and logging.  
**MULTI-PURPOSE TUBES** used include: 2-12SK7s, 1-12SA7, 1-12SQ7, 1-50L6GT "beam-

power" output tube and 1-35Z5GT rectifier.  
**MODEL E-184**—Lafayette 6-tube, 2-band AC-DC Superheterodyne in Walnut case, complete with all tubes. Size: 8" high, 12" wide, 6½" deep. Shpg. wt. 12 lbs. Code, EAGER. List Price \$21.50.

**YOUR COST, Singly.....\$12.95**  
**In Lots of 3, YOUR COST, EACH.....\$12.25**

**MODEL E-187**—As above, but in Ivory-Onyx case. Code, EARTH. List \$22.50.

**YOUR COST, Singly.....\$13.95**  
**In Lots of 3, YOUR COST, EACH.....\$13.25**  
 For 220-volt adapter cord, add.....59c

**20<sup>th</sup>  
ANNIVERSARY**



## Lafayette 6 TUBE 3-IN-1 PORTABLE SUPERHET

Good to look at—good to listen to! Beautiful styling and expert engineering have combined to make this tri-power portable a most desirable companion to accompany you on all your travels. The attractive leatherette covered case, available in a choice of three popular colors, is provided with a drop front that has a snap lock and key. And the receiver plays anywhere—from its self-contained batteries (NO CONNECTIONS TO MAKE), or from any 110 volt outlet, either D.C. or A.C.

Circuit features include: R.F. stage for increased sensitivity; built-in "Antennaire" loop aerial; 3-gang tuning condenser, etc.

8-TUBE PERFORMANCE is afforded by the multi-function 6-tube superhet circuit. And the R.F. Stage gives you increased sensitivity, so that reproduction is equivalent to that of the better home radios. Tubes used: 2—1N5GT's, 1—1A7GT, 1—1H5GT, 1—3Q5GT and 1—3Z5GT rectifier. The "Beam Power" output stage (3Q5GT) insures ample, distortionless reproduction. Tuning range includes all domestic programs plus state police calls; range is from 540-1650 kc (555-182 meters).

**LOW BATTERY DRAIN:** two 45 volt "B" and one 1½ volt "A" batteries are used. The use of low drain tubes gives "extra life" to the batteries (last 200-250 hours).

Other features are: powerful A.V.C.; easy-to-read dial; 6 to 1 reduction drive tuning ratio; 5" PM Speaker; automatic power shift cuts off batteries when electric current is used. Neat leatherette covered cases with drop front having lock and key. Size: 12¾" wide, 9¼" high, 6" deep. Shpg. wt. 19 lbs. Code, INEPT.

**MODEL JS-130:** Brown & White.  
**MODEL JS-130BL:** Blue & White.  
**MODEL JS-130BR:** Solid Brown.

**YOUR COST, Singly,**  
**Complete with Batteries . . . \$19.95**  
 In Lots of 3,  
**With Batteries \$18.95**  
**YOUR COST, EACH . . .**  
 K20197—Extra kit of batteries (2-45 v. "B" and 1-1½ v. "A"). Wt. 7 lbs. . . . . \$2.45



## Lafayette 7 TUBE 3 BAND 3-IN-1 SUPERHET

Amazingly versatile, this deluxe 1941 Lafayette portable brings you reception on THREE bands instead of the usual one—and the quality of reception afforded is far above the average because it uses SEVEN multi-function tubes instead of the usual five or six. Take one with you wherever you go—there are never any "current" problems, for the set operates on its self-contained batteries or on any 110 volt electric line—A.C. or D.C.

**INCLUDES THE 60 METER BAND**  
**THREE BANDS:** You not only can tune in all the domestic programs, but police calls, amateur stations, Ship to Shore signals, two-way Avia-

tion signals, foreign short-wave stations and many others as well. Three bands are: 16-251 meters (foreign short wave); 47-133 meters (amateurs, aviation and ship-to-shore, police calls, etc.); 174-556 meters (domestic).

**MAGIC ANTENNAIRE:** Special loop aerials, built into the set, make it unnecessary to attach any aerial or ground wires for any type reception. Terminals for outside aerial included, however, for use where desired.

**HEADPHONE JACK:** whenever it is desired to listen to the set without disturbing others around you, merely plug a pair of earphones into headphone jack (automatically cuts off speaker).

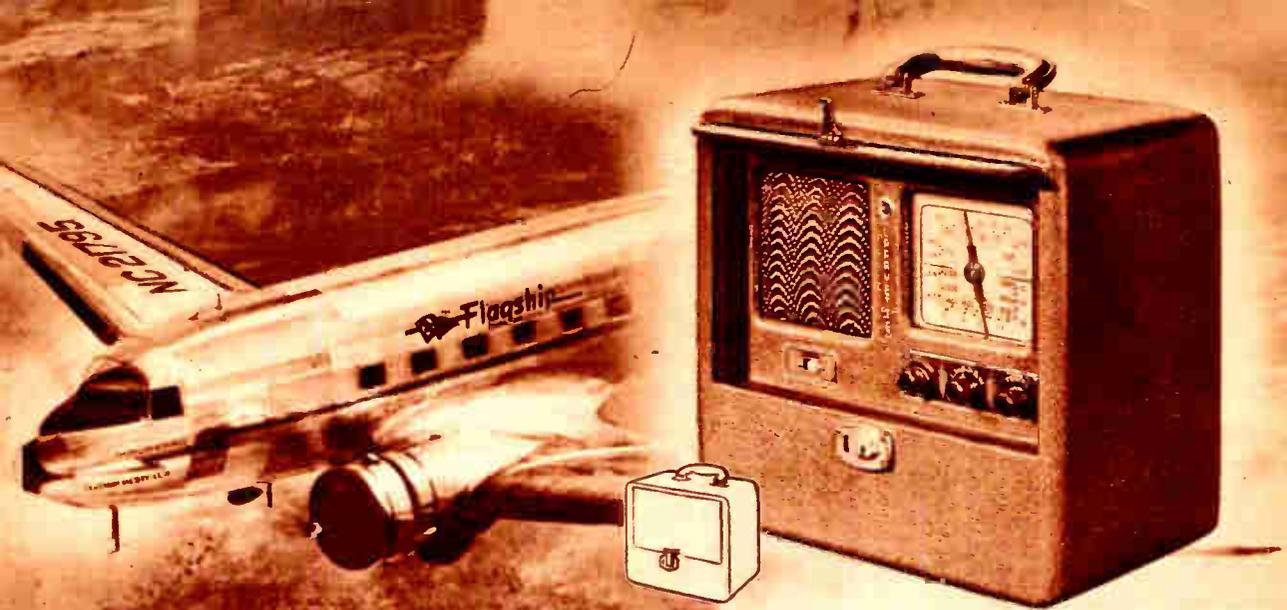
**MULTI-FUNCTION TUBES,** special low drain type, provide exceptional performance. Seven tubes are: 1A7GT converter; 2—1N5GT's i.f. amp.; 1H5GT det., a.v.c. and first audio; 3Q5GT and 50L6GT "Beam" Power; 3Z5GT rectifier. Uses a matched PM speaker. Case covered in durable "Pig-Tex" fabric and has drop front with lock and key.

**MODEL C-125:** With tubes. Size: 11¼" x 11¼" x 7¾" deep. Wt. 20 lbs. Code, GENET. List \$45.00.

**YOUR COST, EACH \$24.45**  
 Less Batteries . . . . .

K20163—Kit of batteries (2-45 v. "B" and 2-4½ v. "A"). Shpg wt. 7 lbs.  
**YOUR COST . . . . . \$2.75**  
 For 220-volt Adapter Cord, add . . . . . 59c

**ALL LAFAYETTE Radios are R.C.A. and Hazeltine Licensed.**



## Lafayette 7 TUBE 3 BAND 3-IN-1 SUPERHET

This set has been especially designed for aviators, pilots and those interested in airway signals. It incorporates a long wave tuning band that permits reception of AVIATION BEACON SIGNALS and weather reports. And the power provided and quality of reception is fully equal to that afforded by the larger table model home radio receivers. Unusually versatile, it operates on self-contained batteries or on any A.C. or D.C. 110 volt light line, and has three tuning ranges for a wide variety of different types of reception.

Housed in a beautiful brown "Pig-Tex" covered portable case with drop front.

**SPECIAL TUNING RANGE:** three bands are provided: 16.2 to 51 meters for direct reception of foreign s.w. stations; 194 to 556 meters for domestic programs; 790 to 2140 meters for Aviation Beacon Signals, Weather Reports, etc. (also European long wave programs; can be received when you travel on the continent).

**"BEAM" POWER:** low drain multi-purpose tubes are used in the highly sensitive and selective superhet circuit. Uses: 1A7GT converter; 2-1N5GT's i.f. amplifiers; 1H5GT det., a.v.c. and first audio; 3Q5GT and 50L6GT "Beam" power output; 35Z5GT rectifier. A matched PM speaker is employed.

**HEADPHONE JACK:** permits connection of headphones for "hush-up" operation; ideal for use in planes in flight.

Other features: Two built-in ANTENNAIRES eliminate need for external aerial or ground connections; terminals for external antenna also provided. Lock front case measures 11 1/4 x 11 1/4 x 7 5/8" deep. Shpg. wt. 20 lbs.

**MODEL C-116:** With tubes. Code, GAU5. List Price \$45.00.

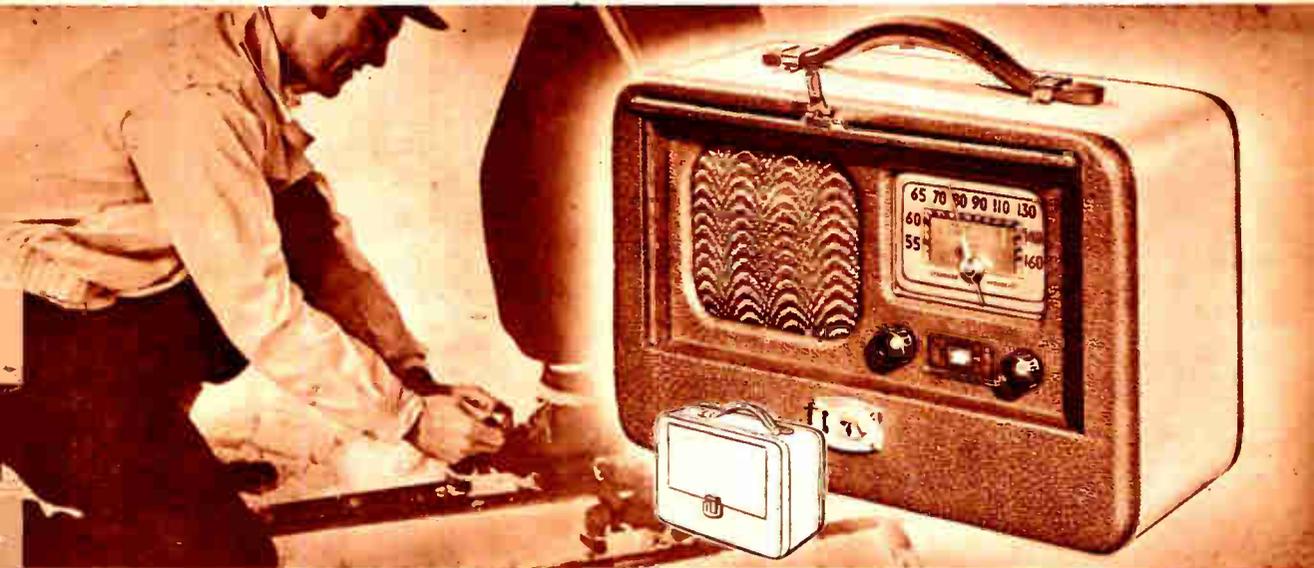
**YOUR COST, Singly, Less Batteries \$24.45**

**In Lots of 3, Less Batteries**

**\$23.25**

**YOUR COST, EACH....**

K20163—Kit of Batteries (2-45 v. "B" and 2-4 1/2 v. "A"). Wt. 7 lbs.....\$2.75  
For 220-volt adapter cord, add.....59c



## Lafayette 5 TUBE 3-IN-1 PORTABLE SUPERHET

Let this fine little receiver accompany you wherever you go. It will provide you with good quality entertainment at all times, and because of the self-contained batteries and built-in Antennaire, there are NO CONNECTIONS TO MAKE. When at home, you merely plug in the line cord (concealed in case when not in use) to any 110 volt line, A.C. or D.C.

The handsomely styled compact portable cases are available in your choice of three different color combinations. All have enclosed type fronts, and are furnished with lock and key.

**LOW DRAIN TUBES** used in the sensitive

superhet circuit insure long battery life. Tubes used: 1A7GT converter; 1N5GT i.f. amp.; 1H5GT det., a.v.c. and a.f. amp.; 3Q5GT "Beam" Power and 35Z5GT rectifier. The tuning range covers the standard American broadcast band from 540 to 1650 kc.

**MATCHED PM SPEAKER** reproduces voice and music with good fidelity. Speaker grille is fronted by a neat dull gold cloth. Batteries required are: two 4 1/2 volt "A" and two 45 volt "B". A convenient switch on the panel changes from battery to commercial electric power operation.

Other factors contributing to the excellent performance that this set provides are: powerful Automatic Volume Control to minimize fading; iron core I.F. transformers; matched Antennaire loop aerial. Size: 13 3/4" x 9" x 5 7/8" deep. Shpg. wt. 19 lbs.

**MODEL C-121:** Brown & White. Code, GAVOT.

**MODEL C-121-BL:** Blue & White.

**MODEL C-121-R:** Red & White.

**YOUR COST, Singly.**

**Less Batteries ..... \$15.95**

**In Lots of 3, With Batteries**

**\$14.95**

**YOUR COST, EACH....**

K20196—Extra kit of batteries (2-4 1/2 v. "A" 2-45 v. "B"). Wt. 7 lbs.....\$2.45



## Lafayette 6 TUBE 2 BAND AC SUPERHET

Take advantage of this chance to get a fine 6-tube 2-band AC superhet for that extra room, for the den, for the studio or the office. And when you hear its "big set" tone, see its simple, modern "lines" and realize that you'd pay several times more than Lafayette asks, for a set of equal quality—then you'll know that you've made yourself a "buy". Try one—our 30-day liberal home-trial plan gives you ample opportunity to test it. And look for these features:

**MAGIC ANTENN-AIRE:** Exclusive Lafayette loop enables you to hear the broadcast band without aerial or ground. Aerial terminals are provided for short-wave reception.

**FOREIGN SHORT WAVE RECEPTION** in the international short-wave band is covered from 4.8 to 16 mc (42.5-18.7 meters). Domestic broadcasts received on 540 to 1700 kc (556 to 176 meters). This set includes the popular new South American 60-meter band, usually found only on 3-band sets.

**BEAM POWER OUTPUT** assures fine tone with excellent volume. Tube complement includes: 6SA7GT 1st det.; 6SK7GT i.f. amp.; 6JSGT 2nd det. AVC; 6SQ7GT 1st a.f.; 6V6GT beam-power output and 80 rectifier.

**6 1/2" ELECTRO-DYNAMIC SPEAKER** handles full power output with exceptional tone quality.

**PHONO, TELEVISION & F.M. INPUT** jack enables you to use the beam-power audio section for external phono, television sound and modern frequency modulation tuners.

**ILLUMINATED GOLD DIAL** with scale calibrated in kilocycles and megacycles.

**GRAIN WALNUT CABINET** in simple modern design. Will enhance any room.

**STONE CONTROL** continuously variable for complete control over audio response.

**MODEL JS-135—Lafayette 6-tube, 2-band AC Superheterodyne** in satin finished Walnut Cabinet, complete with tubes. For 110 volts 60 cycles A.C. operation. Size: 9" high, 16" wide, 8 1/2" deep. Code, INDUE. List Price \$29.95. Shpg. wt. 21 lbs.

**YOUR COST, EACH..... \$16.95**

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



## Lafayette 6 TUBE 2-BAND AC-DC SUPER

Just glance at the illustration of Lafayette's new 6-tube, 2-band AC-DC Superhet directly above. See its sleek, modern lines—see its smooth, attractive finish? That's the way it performs and sounds, too—smooth, rich-toned, with power and selectivity that you'd hardly expect to find in a table model unit. And it's a streamlined value, too, typical of Lafayette's traditional policy of much-more for much-less. Why not take advantage of our generous 30-day home trial plan and see and hear for yourself? And note these fine features:

**POWERFUL R.F. STAGE** for more sensitivity, more selectivity on all stations.

**MAGIC ANTENN-AIRE:** Lafayette's exclusive loop brings in all domestic broadcast stations, noise-free, without aerial or ground. Aerial terminals provided for S-W reception.

**FOREIGN TUNING BAND** covered on 5.7 to 18.3 mc (16.4-52.7 meters); broadcast band covered on 540 to 1600 kc (556 to 187 meters).

**ADVANCED SUPERHET CIRCUIT** uses following tubes: 2-12SK7s, 1-12SA7, 1-12SQ7, 1-50L6GT "beam-power" output and 1-35Z5GT rectifier.

**P.M. DYNAMIC SPEAKER** for full-range frequency response and tone quality.

**AUTOMATIC VOLUME CONTROL** maintains volume level constant on all stations.

**ILLUMINATED AIRPLANE DIAL** calibrated in kilocycles and megacycles. Large numerals. OPERATES ANYWHERE on 110 volts DC or AC 60 cycles. Just plug in and tune in.

**DUO-TONE WALNUT CABINET** with contrasting shades worked into the speaker grille design. Hand-rubbed satin finish.

**MODEL E-188—Lafayette 6-tube, 2-band AC-DC Superheterodyne** in two-tone Walnut table model cabinet, complete with tubes. Size: 8 1/2" high, 15 1/2" wide, 6 3/4" deep. Code, EASEL. Shpg. wt. 15 lbs. List Price \$27.50.

**YOUR COST, Singly..... \$14.95**

**In Lots of 3, YOUR COST, EACH..... \$14.25**

For 220-volt operation, add.....59c

ALL LAFAYETTE Radios are R.C.A. and Hazeltine Licensed.



## Lafayette 7 TUBE 3 BAND AC SUPERHET

This splendid new Lafayette 7-tube, 3-band AC Superhet strikes a new note in beauty and fidelity of tone. Its charming, modern Walnut cabinet forms a fitting housing for a set as modern in design, construction and craftsmanship as this Model C-117. Take advantage of our generous 30-day home trial offer to convince yourself that this model is the genuinely amazing value we claim it to be. These features speak for themselves:

**MAGIC ANTENNA-AIRE:** Lafayette's exclusive new loop system that eliminates all need for an external aerial on domestic broadcast reception. Just plug set in anywhere and bring in your stations with ample volume. Aerial terminal is provided for use on the

short-wave bands where weak distant signals require a short outside aerial.

**MAGIC TUNING "EYE"** for tuning all stations at their maximum signal strength.

**THREE TUNING BANDS** cover the domestic broadcasts on 540-1650 kc (556-182 meters); international short-wave, police, aviation and amateur signals on 2.2-7.5 mc (136-40 meters) and 7.5-24.0 mc (40-12.5 meters).

**MULTI-PURPOSE TUBES** used in this advanced superhet circuit include: 1-6SA7 mixer; 1-6J5GT oscillator; 1-6SK7 i.f.; 1-6SQ7 det., AVC and 1st a.f.; 1-6K6GT power output; 1-6U5 tuning "eye" and a 5W4GT rectifier.

**6-INCH MATCHED DYNAMIC SPEAKER** for exceptionally fine reproduction.

**TONE CONTROL:** continuously variable control for providing tone as you like it.

**F.M. AND TELEVISION SOUND** input. Tip jacks provide for use of audio section for amplifying phono, F.M. or Television sound.

**DUO-TONE GRAINED WALNUT CABINET** with slide-rule type tuning dial for easy tuning.

**MODEL C-117** — Lafayette 7-tube, 3-band Superheterodyne in Walnut table model cabinet. With all tubes. For 110 volts 60 cycles a.c. Size: 9" high, 17" wide, 8 7/8" deep. Code, GALLE. Shpg. wt. 22 lbs. List \$39.50.

**YOUR COST, Singly**.....\$20.95

**YOUR COST, EACH**.....**\$19.95**

For 220 volt, 40/60 cycle operation, add...\$2.50



ALL EQUIPPED WITH  
MAGIC ANTENNAIRE

## Lafayette LOW COST 3 BAND AC-DC SUPER

This sterling triple-value, 3-band Lafayette AC-DC Superhet with its console tone and tuning ability is one of our finest values. Small enough to be placed almost anywhere, it is powerful enough to bring in stations from everywhere with clarity and volume that are truly amazing. Our 30-day home trial offer will easily convince you that its tone, quality, sensitivity and selectivity cannot be equalled at several times the price. Just compare these features:

**INVERSE FEEDBACK:** Assures you unusual volume and tone quality free from almost every trace of distortion.

**MAGIC ANTENNAIRE:** Lafayette's exclusive loop antenna for domestic broadcasts, static-free in all locations. Use aerial for short-wave.

**BEAM-POWER OUTPUT:** 25L6GT "beam-power" output for tone quality. Entire tube complement: 6SA7GT, 6K7GT, 6SQ7GT, 25L6GT, 2-25Z5GT rectifiers. Matched speaker is used.

**3 TUNING BANDS** cover: 540 to 1680 kc (555 to 178) meters for American broadcasts; 2.25 to 7.0 mc (133 to 43 meters) and 7.5 to 24.0 mc (40 to 12.5 meters) for international short wave, police, amateurs and aviation signals.

**VARIABLE TONE CONTROL:** gives you continuous variation for all taste and acoustics. Other features include: handsome plastic cabinet (Walnut or Ivory); full-vision illuminated airplane type tuning dial; full-response dynamic speaker; handy carrying handle.

**MODEL JS-101**—Lafayette 6-tube, 3-band AC-DC Superhet in Walnut Bakelite cabinet with handle, complete with all tubes. Size: 8 1/2" high, 14 3/4" wide, 7" deep. Code, INNER. Shpg. wt. 15 lbs. List Price \$29.95.

**YOUR COST, Singly**.....\$16.75

**YOUR COST, EACH**.....**\$15.75**

**MODEL JS-102**—As above, but in Ivory Plastic cabinet. Code, INNER. List \$32.95.

**YOUR COST, Singly**.....\$17.95

**YOUR COST, EACH**.....**\$16.95**

For 220-volt operation, add.....59¢

ALL LAFAYETTE Radios are R.C.A. and Hazeltine Licensed.



## Lafayette 9 TUBE 3 BAND AC-DC SUPER

This exceptionally handsome 9-tube, 3 band, AC-DC Superhet is a de-luxe instrument in every sense of the word. Covers a greater tuning range—right down to 12½ meters—and features Lafayette's new Adjustable Antenna, front-panel controlled loop for greater listening pleasure. The quality of tone, the sensitivity and selectivity should be experienced so you can prove to yourself just how outstanding a value this radio is. Our 30-day home trial offer will give you this opportunity. Check these features and compare with higher priced sets.

**PUSH-PULL BEAM POWER OUTPUT** for high power with minimum distortion and great fidelity of tonal reproduction on all bands.

**ADJUSTABLE ANTENNAIRE** with front panel

control. Lafayette's new magic loop that can be turned by a knob on the front panel. Provides a much higher degree of sensitivity and selectivity on broadcast band. Aerial terminal provided for use on short-wave bands.

**HIGH GAIN TUBES** used in this advanced superhet circuit include: 1-6SA7, 1-6SK7, 2-6SQ7, 2-25L6GT beam-power tubes; 2-25Z6GT rectifiers, 1-6U5 tuning "eye", 115.98 ballast. There is more than ample volume.

**THREE TUNING BANDS** cover 540-1680 kc (555-178 meters) for American broadcasts and 2.25-7 mc (133-43 meters) and 7.5-24 mc (40-12.5 meters) for all international short-wave, thrilling police calls, amateurs, aviation, etc.

**8" ELECTRO-DYNAMIC SPEAKER** for full-range frequency response. Excellent tone.

**VARIABLE TONE CONTROL** gives you your choice of brilliant highs, rich bass tones.

**AUTOMATIC BASS COMPENSATION**, Inverse Feedback Network, Automatic Volume Control, Illuminated Golden Glow Dial and hand-rubbed, satin finish cabinet are other features.

**MODEL JS-174** — Lafayette 9-tube, 3-band AC-DC Superheterodyne in duo-tone Walnut cabinet with Adjustable Antenna. Complete with all tubes. Size: 10½" x 19½" x 10½" deep. Code 1LEUN. List Price \$47.50. Wt. 25 lbs.

**YOUR COST, Singly** . . . . . \$24.95

**YOUR COST, EACH** . . . . . **\$23.95**

For 220-volt operation, add . . . . . 5%



## Lafayette 7 TUBE 3 BAND AC-DC SUPERHET

Tune in this great Lafayette 3-band Superhet and you've climbed aboard the "magic-carpet" of radio. Whether you desire the fine entertainment of American broadcast stations or the thrill and excitement of international short-wave, police calls, amateur or aviation signal—they're all yours with this powerful, high quality set. But your greatest thrill is the amazing low-cost of this superb set. It's a truly great value. Convince yourself that this is a real "buy" by trying one in your own home on our liberal 30-day trial offer. Check these features:

**BEAM-POWER OUTPUT** for greater volume, finer tone and greater listening pleasure.

**MAGIC ANTENNAIRE:** Lafayette's exclusive loop, eliminates need for aerial and ground on domestic broadcasts. Antenna terminal provided for use on short-wave bands.

**VISUAL TUNING EYE** will assist you in tuning all broadcast and short-wave stations at maximum signal strength, a great aid to genuine listening pleasure.

**MULTI-PURPOSE TUBES** used include: 1-6SA7 converter, 1-6J5GT osc.; 1-6SK7 i. f.; 1-6SQ7 det., AVC and 1st audio; 1-25L6GT "beam-power" output; 1-6U5 tuning "eye"; 1-25Z6GT rectifier and an L36DJG ballast.

**VARIABLE TONE CONTROL** gives you musical quality to suit every individual taste.

**THREE TUNING BANDS** cover domestic broadcasts on 540-1650 kc (556-182 meters) and international short-wave, police, aviation and amateur signals on the 2.2-7.5 mc (136-40 meters) and the 7.5-24.0 mc (40-12.5 meters) bands. Easy-to-tune illuminated dial.

**TELEVISION, SOUND, F.M. Input Jack.** Other features include 6" dynamic speaker, A.V.C.

**MODEL C-118** — Lafayette 7-tube, 3-band AC-DC Super complete with all tubes, in duo-tone Walnut cabinet. Size: 9" high, 17" wide, 8½" deep. For 110 volts AC-DC. Code, GARBL. List Price \$39.50. Shpg. wt. 22 lbs.

**YOUR COST, Singly** . . . . . \$19.95

**YOUR COST, EACH** . . . . . **\$18.95**

For 220-volt operation, add . . . . . 5%

**ALL LAFAYETTE Radios are R.C.A. and Hazeltine Licensed.**



## Lafayette 8 TUBE 3-BAND AC SUPERHET

Power, tone, quality and value—there, in a nut-shell, is the story of this exceptional Lafayette 8-tube 3-band AC superheterodyne. Tuning all the way down to 12½ meters, featuring the new Lafayette adjustable Antenn-airé that increases sensitivity and selectivity many times—you'll enjoy radio at its best with this superb receiver. And you'll save, too, for this is another of Lafayette's super-values, priced at what you'd expect to pay for an inferior "midget". Our 30-day home trial will convince you. Check these features:

**ADVANCED SUPERHET CIRCUIT** includes every advantageous modern radio feature.

**ADJUSTABLE ANTENN-AIRE** with front panel control knob permits you to tune in your stations

"on the beam" for more power, and selectivity.

**INVERSE FEEDBACK NETWORK** for high power—with great undistorted output. Gives you excellent tone quality and more than ample volume for all ordinary purposes.

**THREE TUNING RANGES:** 540-1680 kc (556-178 meters) covering all domestic broadcasts; 2.25-7 mc (133-43 meters) and 7.5-24 mc (40-12.5 meters) for thrilling foreign reception, police calls, "hams" and aviation signals.

**8" FULL RESPONSE ELECTRO-DYNAMIC SPEAKER** for big console tone and power on all stations. Excellently baffled in the cabinet.

**VARIABLE TONE CONTROL** for complete adjustment from clear high treble to deep basses.

F.M., TELEVISION SOUND, PHONO INPUT jack for using fidelity audio system of this set for all external sound input reproduction.

**MULTI-PURPOSE TUBES** include: 6SA7, 6SK7, 2-6SQ7, 2-6K6GT push-pull power output, 80 rectifier and 6U5 tuning "eye".

**TUNING EYE INDICATOR** for precise tuning on both short-wave and broadcast bands.

**MODEL JS-173**—Lafayette 8-tube, 3-band AC Superheterodyne with Adjustable Antenn-airé, in duo-tone Walnut table model cabinet. Complete with tubes. Size: 10½" high, 19½" wide, 10½" deep. Code, IDEAL. Shpg. wt. 25 lbs. List Price \$45.00.

**YOUR COST, Singly . . . . . \$24.95**  
**in Lots of 3,**  
**YOUR COST,**  
**EACH . . . . . \$23.95**  
 For 220-volt operation, odd . . . . . \$2.50



## Lafayette 8 TUBE AC FIDELITY SUPER

For those who want to enjoy the superiority of American broadcast stations at their best Lafayette offers this fidelity model 8-tube single band AC Superheterodyne. Featuring push-pull high power output for distortionless volume, an 8-inch full-response electrodynamic speaker and Lafayette's new Adjustable Antenn-Aire, it is definitely one of the season's smartest buys. You'll appreciate all of these superfine features:

**AUTOMATIC BASS COMPENSATION** maintains bass tonal relationship constant at all volume levels for proper musical balance.

**C-R TUNING "EYE" INDICATOR** helps you tune your station at its peak for finest frequency response, minimum interference.

**ADJUSTABLE ANTENN-AIRE.** Lafayette's exclusive front-panel controlled loop provides the desirable "directional" tuning effect.

**HIGH-GAIN MULTI-PURPOSE TUBES** include: 1-6SK7, 1-6SA7, 2-6SQ7, 2-6K6GT push-pull power output tubes, 1-6U5 tuning "eye" and an 80 rectifier tube.

**CONTINUOUSLY VARIABLE TONE CONTROL** permits adjustment for all acoustic variations. Enjoy musical reproduction with brilliant trebles, deep, rich basses as you wish.

**BROADCAST COVERAGE** from 540 to 1780 kilocycles (178 to 556 meters) includes all domestic stations including high-fidelity and upper State Police band.

**INVERSE FEEDBACK** for distortionless output at ample volume on all stations.

**8" FULL RANGE ELECTRO-DYNAMIC SPEAKER.** This speaker is carefully matched to the output of the receiver for the best possible tone quality.

**PHONO, TELEVISION SOUND, F.M. INPUT** jack for external use of the fine audio section.

**MODEL JS-183**—Lafayette 8-tube, single band AC Superheterodyne with Adjustable Antenn-airé, in duo-tone Walnut table model Cabinet, complete with all tubes. Size: 10½" high, 22" wide, 10½" deep. Code, INSET. Shpg. wt. 23 lbs. List Price \$39.95.

**YOUR COST, Singly . . . . . \$22.45**  
**in Lots of 3,**  
**YOUR COST,**  
**EACH . . . . . \$21.45**



DIRECT RECEPTION OF  
FOREIGN S. W. STATIONS

## Lafayette 8 TUBE 3 BAND AC CONSOLE

Here's Lafayette's value-leader of the year! Search high and low, far and wide—nowhere will you be able to find a super-value that even comes close to this 8-tube, 3-band AC Superhet with 12-inch speaker in its exquisite Walnut veneer console. And—think of it—for less than \$35.00! Only because we're sure this set will make thousands of new Lafayette friends and boosters can we offer so much for so amazingly little. Try one in your own home—see it, hear it—on our 30-day home trial plan. We know you'll be delighted with your purchase. **12-INCH CONCERT DYNAMIC SPEAKER** for rich, full-bodied tone with splendid volume. Never before has it been possible to offer a quality speaker of this type in a receiver of this sensational low price.

**ADJUSTABLE ANTENN-AIRE** with front panel control knob. Permits rotating loop in any direction for maximum pick-up sensitivity on broadcast stations. Aerial required for reception of short-wave stations; terminals for connecting one are included. **MODERN SUPERHET CIRCUIT** utilizes the following tubes: 6SA7 converter; 6SK7 i.f.; 6SQ7 det., AVC, 1st a.f.; 6SQ7 inverter; 2-6K6GT push-pull output; 6U5 tuning "eye" and an 80 rectifier tube. The entire power output is obly handled by the matched 12" speaker. **THREE TUNING RANGES** cover broadcast range from 540-1680 kc (555-178 meters) and all international short-wave, ships at sea, amateurs, aviation and police calls on 2.25-7 mc (133-43 meters) and 7.5-24 mc (40-12.5 meters).

**AUTOMATIC BASS COMPENSATION** maintains constant tonal balance at all levels. **TUNING "EYE" INDICATOR** an invaluable aid for precise tuning on all wave bands. **VARIABLE TONE CONTROL** for continuous variation from deep basses to clear highs. **WALNUT CONSOLE** with matched acoustic tone chamber and hand-rubbed satin finish. **INVERSE FEEDBACK CIRCUIT** for maximum output with minimum distortion. **MODEL JS-129**—In matched grain Walnut console, with Adjustable Antenn-Aire, complete with tubes. Size: 37" high, 25 1/2" wide, 12 1/2" deep. Code, INGLE. Shpg. wt. 51 lbs. **List Price \$57.95.**  
**YOUR COST, Singly . . . . . \$34.95**  
**In Lots of 3, YOUR COST, EACH . . . . . \$33.50**  
For 220-volt operation, add . . . . . \$2.50



## Lafayette DUNCAN PHYFE SUPERHET

Enjoy the charm and grace of period furnishings in this beautifully constructed "Duncan Phyfe" period cabinet—and enjoy the fine tone and excellent performance of this superb 8-tube, 3-band AC Lafayette Superheterodyne—all at a price that would be a great value for either the cabinet or radio alone. If your home can use a distinctive piece of exquisite 18th century cabinetry, as well as an exquisite radio, you owe it to yourself to try one of these Lafayette "Duncan Phyfes". Our liberal 30-day home trial offer will permit you to note these fine features:  
**DUNCAN PHYFE TABLE CABINET:** A dainty drop-leaf table piece built of the finest Mahogany with flame grain. Both side pieces are hinged and can be raised to elongate the top. The front piece has two ornamental door pulls. The four graceful legs are beautifully carved and finished, ending in neat gilt claw feet. Entirely hand-rubbed finish.  
**8-INCH ELECTRO-DYNAMIC SPEAKER** matched to the cabinet and set for flawless reproduction on both broadcast and short-wave stations. The entire audible range of tones is faithfully reproduced.

**ADJUSTABLE ANTENN-AIRE** with front panel control knob, permits turning loop in any direction for maximum sensitivity on the broadcast band. Aerial terminals provided for optimum S-W reception. **TUNING "EYE" INDICATOR** to help you tune all stations precisely. **MODERN SUPERHET CIRCUIT** utilizes the following tubes: 6SA7 converter, 6SK7 i.f.; 6SQ7 det. AVC, a.f.; 6SQ7 inverter, 2-6K6GT push-pull power output; 6U5 tuning "eye" and an 80 rectifier. **VARIABLE TONE CONTROL** to give you the rich basses or brilliant trebles. Tuning ranges similar to set described above. **MODEL JS-169**—Lafayette "Duncan Phyfe" 8-tube, 3-band AC Superheterodyne as described, complete with Adjustable Antenn-Aire and all tubes. Size: 30 1/4" high, 21" wide, 13 1/4" deep. Table-top leaves extended measure 38". Code, ISSUE. Shpg. wt. 60 lbs. **List Price \$45.00.**  
**YOUR COST, Singly . . . . . \$47.50**  
**In Lots of 3, YOUR COST, EACH . . . . . \$45.00**  
For 220-volt operation, add . . . . . \$2.50



## Lafayette 9-TUBE 3-BAND AC SUPERHET

Here's an unparalleled value in an automatic push-button tuning A.C. superheterodyne that incorporates every worthwhile radio feature. Six feather-touch push buttons will tune in your favorite stations, perfectly, instantly. Simple to set or re-set. Tone that you'd expect of a big console, yet perfect for small quarters because it takes so little room. Take advantage of our liberal 30-day home trial offer and find out for yourself just how much Lafayette offers you for your radio dollar in this fine set. And note these outstanding features:

**THREE BAND TUNING:** covers the domestic broadcast band from 535 to 1600 kc (560-187.5

meters) and the international short-wave stations, police, amateurs, aviation signals on the 2.2 to 7.6 mc (136-39.5 meters) and 7.5 to 24 mc (40-12.5 meters) bands.  
**SIX PUSH BUTTONS** set directly under the slide-rule tuning dial for easy tuning.  
**MAGIC ANTENNA-AIRE** provides noise-free reception on broadcast band without aerial or ground. Aerial terminals for short-wave.  
**MULTI-PURPOSE TUBES** include: 1-6SJ7, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6SF5, 2-6K6G power tubes, 1-6U5 "eye" and 5Y3G rectifier.  
**VARIABLE TONE CONTROL** gives you rich bass tones, brilliant clear trebles.

F.M., TELEVISION SOUND, PHONO, RECORDER input jack utilizes the audio section.  
**PUSH-PULL POWER OUTPUT** for greater volume, greater clarity of tone.  
**ELECTRO-DYNAMIC SPEAKER** capably handles the 5-watt undistorted power output.  
**MODEL E-189**—Lafayette 9-tube Push-Button AC Superheterodyne, with all tubes. In duo-tone Walnut table model cabinet. Size: 11" x 20 3/4" x 10 1/2" deep. Code, EBURN. Shpg. wt. 32 lbs. LIST \$59.50.  
**YOUR COST, Singly.....\$32.50**  
**In Lots of 3,**  
**YOUR COST,**  
**EACH.....\$29.95**  
 For operation on 110/130/150, 220/250 volts, 50/60 cycles A.C., add.....\$2.50



## Lafayette 10-TUBE 3-BAND AC-DC SUPER

Where but at Lafayette would you find a powerful 10-tube 3-band superhet that will play anywhere on AC or DC at this amazingly low price? And where else could you be so certain of sterling performance and long years of trouble-free service? That is why Lafayette has become the "buy-word" of wise radio purchasers. We know you'll have one of the pleasantest surprises of your life when you hear the beauty of tone, thrill to the way this set puts in stations the world over, admire the sleek beauty of its cabinet. Check over this list of worth-while features:  
**R. F. STAGE** for added sensitivity and selectivity on broadcast band.

**TEN HIGH-GAIN TUBES:** 6SK7 r.f.; 6A8 converter; 6SK7 i.f.; 6J5 det. AVC; 6SQ7 1st a.f.; 6J5 inverter; 2-25L6 push-pull "beam-power" output; 6U5 tuning "eye"; 25Z6 rectifier and 6.159 ballast.  
**MAGIC ANTENNAIRE:** Lafayette's exclusive loop for noise-free reception on broadcasts. Aerial terminal for short-wave.  
**THREE TUNING BANDS** covering 545-1620 kc (550-185m.) domestic broadcast; 2.2-6.25 mc (136-48 m.) and 5.85-22 mc (51.3-13.6 m.) for thrilling police, amateurs, aviation and international short-wave stations.  
**8-INCH P.M. SPEAKER** for excellent reproduction of this set's undistorted volume

**PUSH-PULL BEAM-POWER OUTPUT.** TUNING "EYE" for extra sharp tuning on broadcast and short-wave bands.  
**CONTINUOUSLY VARIABLE TONE CONTROL.** PHONO, TELEVISION SOUND, F.M. INPUT jack for using audio amplifier.  
**MODEL C-119**—Lafayette 10-tube, 3-band AC DC Superhet in grained Walnut table model cabinet, complete with tubes. Size: 10 1/2" high, 22" wide, 10 1/4" deep. Code, GAUSS. LIST PRICE \$59.50, Shpg. wt. 31 lbs  
**YOUR COST, Singly.....\$32.50**  
**In Lots of 3,**  
**YOUR COST,**  
**EACH.....\$29.95**  
 For 220-volt operation, add.....\$3.00



## Lafayette 8 TUBE 3 BAND COMBINATION

Lafayette is proud to present its 1941 "Symphonette" to supply you with superfine record reproduction, superlative radio reception on domestic broadcast and international short-wave bands. You'll be delighted with its "console tone", its compact, attractive walnut cabinet and best of all—its typically Lafayette high value at low cost. Our liberal 30-day home trial gives you a fair chance to see and hear for yourself just how much pleasure this "Symphonette" can give you.

**ADJUSTABLE ANTENN-AIRE:** Lafayette's rotatable loop controlled from front panel for extra sensitivity, selectivity and freedom from local interference. Aerial needed for short-wave.

**FIDELITY RECORD PLAYER** for all 10" and 12" records. Plays all with lid closed.

**CRYSTAL PICK-UP** in tangent tone-arm for maximum response, minimum record wear.

**CONSTANT SPEED MOTOR:** the famous G. I. "CX" motor with 10" flocked turntable.

**AUTOMATIC STOP** turns off phono motor at end of record. Needle cup in top panel.

**8-INCH ELECTRO-DYNAMIC SPEAKER** supplies excellent tone at ample volume.

**MULTI-PURPOSE TUBES** used in the advanced superhet circuit are: 6SA7, 6SK7, 2-6SQ7, 2-6K6GT push-pull output; 6U5 tuning "eye"; and an 80 rectifier tube.

**BROADCAST & SHORT-WAVE BANDS** covered in three tuning ranges: 540-1680 kc (556-178 meters) for domestic broadcasts; 2.25-7 mc (133-43 meters) and 7.5-24 mc (12.5-40 meters) for all short-wave, police, amateurs, etc.

**VARIABLE TONE CONTROL** for radio and phono emphasizes treble or bass notes.

**MODEL JS-175**—Lafayette "Symphonette" 8-tube, 3-band A.C. Phono-Radio Combination in duo-tone grained Walnut table model cabinet complete with tubes. For 110-volt 60 cycle a.c. Size: 13 $\frac{3}{4}$ " x 21 $\frac{1}{8}$ " x 14 $\frac{3}{4}$ " deep. Code, ILIAC. Shpg. wt. 48 lbs. LIST \$49.50.

**YOUR COST, Singly**..... \$37.50

**In Lots of 3,**  
**YOUR COST,**

**EACH**..... **\$35.95**

For 220-volt operation, add..... \$3.00



## Lafayette 2-BAND AC PHONO-RADIO

Lafayette offers this truly great value in a phono-radio combination that is both versatile and capable of providing you with excellent radio and record entertainment. You'll never be at a loss for something to listen to—domestic broadcasts, international short-wave or the recorded entertainment of your choice. Try one on our liberal 30-day home trial plan. Then you'll see what a super-value this exceptional combination really is. Check these superior features:

**CRYSTAL PICK-UP** in tangent tone arm PLUS constant speed rim-drive motor. Plays 10" and 12" records with lid closed. Has radio-phono switch on panel.

**MAGIC ANTENN-AIRE** provides perfect broadcast reception less aerial and ground under normal conditions. Terminals for S-W aerial.

**INTERNATIONAL SHORT-WAVE** stations covered on 5.7-18 mc (16.7-52.7 meters); broadcasts covered on 540-1650 kc (556-182 meters).

**4-INCH DYNAMIC SPEAKER** provides exceptional reproduction on both phono and radio. **VARIABLE TONE CONTROL** permits adjustment for individual musical tastes.

**MULTI-PURPOSE TUBES** used in advanced superhet circuit include: 6AB8GT converter; 6SK7GT i.f.; 6P5GT det. AVC; 6SQ7GT 1st audio; 6K6GT power output and 5W4GT rectifier.

**SLIDE-RULE DIAL** calibrated in kilocycles and meters. Illuminated for easy reading.

**HANDSOME WALNUT CABINET**, beautifully proportioned in contrasting grain, with highly polished, hand-rubbed satin finish.

**ADVANCED SUPERHET CIRCUIT** provides fine sensitivity, selectivity and good fidelity.

**MODEL S-43-6**—Lafayette 8-tube, 2-band Phono-Radio Combination, with tubes. For 110 volts 60 cycles a.c. In Walnut cabinet 11 $\frac{3}{4}$ " high, 18" wide, 13 $\frac{3}{4}$ " deep. Shpg. wt. 30 lbs. Code, GAMUT. LIST PRICE \$47.50.

**YOUR COST, Singly**..... \$27.50

**In Lots of 3,**  
**YOUR COST,**

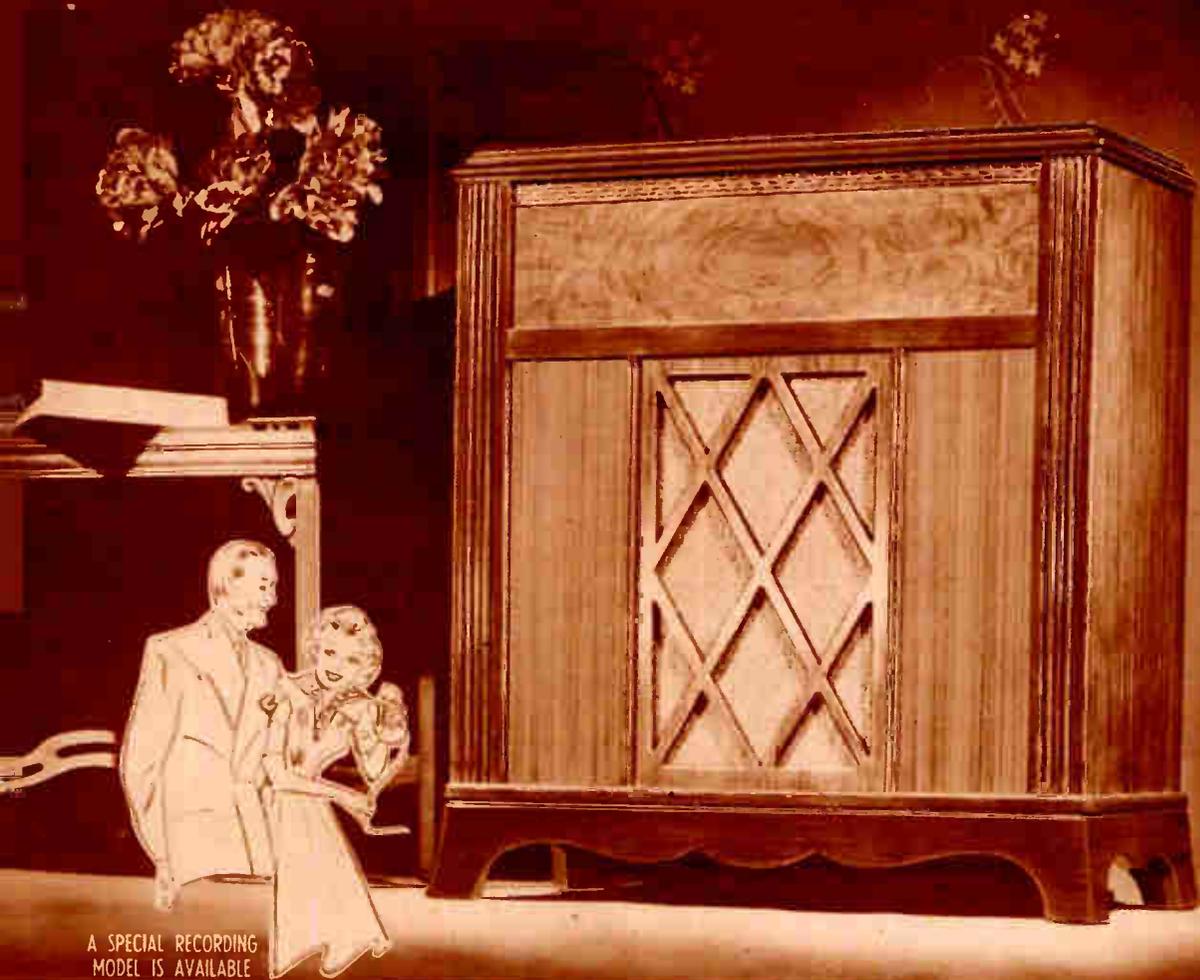
**EACH**..... **\$26.50**

For 220-volt operation, add..... \$3.00



ADDED ENJOYMENT FROM  
SELECTED RECORDINGS

ALL LAFAYETTE Radios are R.C.A. and Hazeltine Licensed.



A SPECIAL RECORDING MODEL IS AVAILABLE

## Lafayette 8 TUBE 3 BAND AUTOMATIC PHONO-RADIO

Combining two versatile instruments in a single beautiful console cabinet, Lafayette brings you this 1941 Automatic Phono-Radio Combination at a price you would ordinarily expect to pay for the radio alone! With it, you can literally bring in a world of broadcast entertainment—or at the flip of a switch, build your own recorded programs. To convince yourself of the remarkable value this combination model represents, you need only try one in your own home for fully 30 days—at our risk!

The radio portion of the combination features: **ADJUSTABLE ANTENN-AIRE:** built-in loop aerial, fully adjustable for maximum signal pick-up (knob on panel) eliminates the need for any external aerial for broadcast reception. For efficient short-wave pickup, an outside antenna is required—terminals for connecting one included on the chassis.

**GETS EUROPE DIRECT:** In addition to tuning the domestic broadcast band from 540 to 1680 kc (178-556 meters), two short-wave bands are included to bring you a multitude of interesting services. One range from 2.25 to 7 mc (43-133 meters) and the other from 7.5 to 24 mc (12.5 to 40 meters) cover International Short-Wave, Police, Aviation, Amateur and other signals.

**PUSH-PULL OUTPUT STAGE** in the superhet circuit provides volume to spare, with practically no distortion. Tube complement includes: 6SA7 converter; 6SK7 i.f. amplifier; 6SQ7 second detector, a.v.c. and first audio; 6SQ7 phase inverter; 2-6K6GT pentode output tubes in push-pull; 80 rectifier and 6U5 tuning indicator. Output fully 5 watts; more than will ever be required for use in any home.

**12" CONCERT SPEAKER**, matched to the receiver output, reproduces the entire audible range of tones with excellent fidelity. The large baffle area provided in the console contributes greatly to the superb quality of reception.

**VISUAL TUNING "EYE":** The 6U5 tube acts as an accurate VISUAL tuning indicator. You merely tune till the dark sector in the eye is narrowest, and you get optimum performance. **FULL TONE CONTROL** permits compensation for acoustic differences. Bass or treble notes can be emphasized at will to suit the individual taste of the operator.

Other features include: powerful automatic volume control to minimize fading; illuminated full-vision dial; reduction drive tuning ratio of 7 to 1; inverse feedback network to eliminate distortion; rubber mounted chassis.

The automatic mixer-changer, precision built to give long, satisfactory service, plays twelve 10" or ten 12" records intermixed in any order, without attention. Thus, you can listen to fully 40 minutes of uninterrupted recorded entertainment. Features of the record player mechanism include the following:

**HEAVY DUTY MOTOR** of the constant speed type, operates on 110 volts 60 cycles a.c. Requires no other attention other than an occasional oiling (instructions given).

**CRYSTAL PICK-UP:** lightweight type, providing true fidelity tone response.

**REJECT KNOB:** permits instant rejection of any record at will.

**GRAVITY RECORD FEED:** you merely stack your 10" or 12" records on the carriers, and the unit is ready to operate. Each record is gently draped parallel to the turntable face. There is no chipping or other damage possible with this fool-proof mechanical gravity type feed. Records are fed automatically.

The entire assembly is housed in a beautiful console cabinet constructed of selected fine Walnut veneers. Curved legs, "diamond" speaker grille lattice work and neat side pillars enhance the appearance. Overall dimensions are: 33 1/4" high, 32 1/4" wide and 16 3/4" deep. This fine console receiver goes well with practically any room of furniture.

### Automatic Phono-Radio Combination

**MODEL JS-128**—Lafayette 8-Tube, 3-Band A.C. radio with Automatic Record Changer, as described above. Complete with all tubes and built-in adjustable "Antennaire". For operation on 110-120 volts, 60 cycles a.c. only. Dimensions: 33 1/4" high, 32 1/4" wide and 16 3/4" deep. Shpg. wt. 74 lbs. Code, INPUT.

List Price \$110.00.

**YOUR COST,**

**EACH**.....

**\$59.95**

The above model is available for 220 volt a.c. operation. If desired, specify and add..... \$5.00

### Special 9-Tube "RADIOCODER" Model

**MODEL JS-178**—Like model JS-128 at left, but incorporates the following: Complete recording mechanism comprising a crystal cutting head that cuts acetate discs up to 10" dia.; crystal microphone on a neat desk stand and with 12-ft. cable; chassis employs an additional 6SQ7 tube as mike pre-amplifier. The automatic mixer-changer plays 12-10" or 10-12" records continuously, in any order. For 110-120 volts, 60 cycles a.c. Shpg. wt. 81 lbs. Code, IRONY.

List \$150.00.

**YOUR COST**.....

For 220-volt a.c. operation, add.....

**\$87.50**

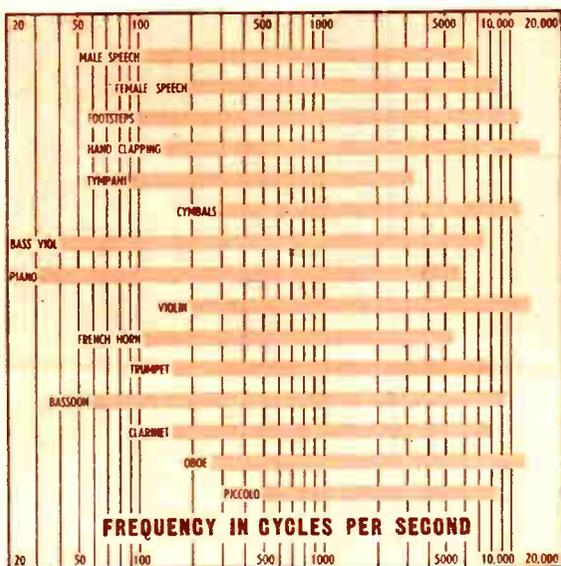
\$5.00

ALL LAFAYETTE Radios are R.C.A. and Hazeltine Licensed.

# what makes a radio good?

## read this answer before you buy

"Listening to the radio" is, in reality, listening to frequencies or vibrations which the ear can receive or recognize. Of course this applies to all sounds within earshot, whether they come from a radio or elsewhere. According to the frequency, or vibrations per second, we identify these sound waves as music, speech, etc., providing they are within the high and low limits of our hearing range. The chart illustrates many familiar sound waves within that range and their characteristic frequencies which permit identification.



Dozens of different makes—hundreds of varied claims—tend to confuse the average purchaser. So let's see exactly what's required in a fine radio—just what features characterize a set that can honestly be called a custom-built, high-fidelity receiver.

The simplest way to gain this knowledge is to follow a broadcast right through an *excellent* radio, studying all the stages along the route, discovering just why this particular set is a fine one. Then you can judge what features have contributed most and what you should look for in return for your investment.



To understand certain basic requirements we must first consider the human ear—capable of recognizing any sound wave from, roughly, 16 to 16,000 cycles. Musical tones, as transmitted by most broadcasting stations, range from approximately 40 to a maximum of 7,000 cycles. However, an ordinary radio will pick up only those sounds ranging from about 70 cycles up to 4,000.

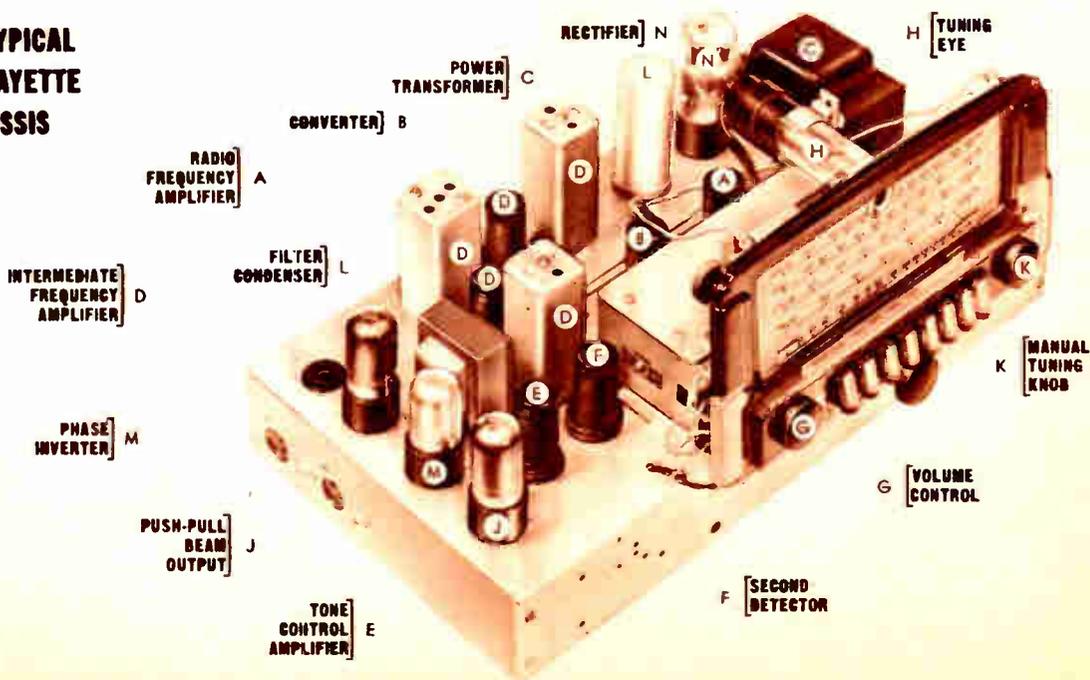
As you can readily see on the chart even a good radio cannot bring your ear all that it is capable of hearing. A poor set cuts this range still further. The poorer the set, the less you will hear of the true tone which is being broadcast. The reason for this is that, in order to compensate for the hum caused by inadequate filters—low frequencies are cut off. Conversely, in order to overcome noises, high frequencies are cut off.



Obviously, this is the poorest sort of compromise. In a good radio, of course, it is possible to get both the low and high frequencies (you realize now why they are important) *without* disturbances. That is one sign of a good radio and these pages are our contribution to your better understanding of what makes a radio good.

We're ready now, to follow a broadcast through a fine radio and we've called this interesting journey "The Adventures of a Note".

### A TYPICAL LAFAYETTE CHASSIS



# the adventures of a note

Somewhere beyond the horizon, or maybe just around the corner, a musical note is born. Perhaps trumpeter blows life into this Note, perhaps a pianist strikes a key. Whatever its origin, the broadcasting process transforms it into a radio frequency wave which reaches us instantly because radio, you know, travels with the speed of light—186,000 miles a second. Without hesitation our Note passes through the antenna into the R.F. stage (A) of our receiving set.

This mysterious symbol simply means Radio Frequency amplifier. The amplifier operates on the same frequency as the station to which you are listening. Its purpose is to intensify the station's "signal", to cut down whistles and squeals, and to reduce interference from any other station which is operating on a neighboring frequency. The amplifier, then, increases the set's sensitivity—chases out the undesirables that slipped in through the antenna with our Note. That, in substance, is the R.F. Stage, and its importance and desirability can readily be understood.

From the R.F. Stage our Note (still in the form of a radio frequency wave) travels to the Converter Tube (B). This tube is also operating on the same frequency as the incoming signal. At this point the signal combines with another signal generated by the Oscillator Tube in the set. And so our Note speeds along to the I. F. Stage (D).

This is the Intermediate Frequency Amplifier and here the signal is again amplified. However there must be no distortion. Our Note must remain recognizable and in order that this may be regulated to suit local conditions the good radio is equipped with a High Fidelity Switch or with a Tone Control (E).

The Intermediate Frequency Amplifier, operating on a fixed frequency, provides most of the amplification and selectivity of the receiver. It is important, however, that the set be "sharp" enough to reject unwanted signals without reducing the response to the higher audio frequencies. Hence, in the best radios, a High Fidelity Switch is provided so that the tuning may be made broad enough (expanded) for high fidelity reception on local stations, yet also may be made sharp enough to receive distant stations with a minimum of interference under adverse conditions.

The Tone Control, sometimes operating in conjunction with the High Fidelity Switch controls the high frequency response of the audio amplifier. This control is used to compensate for variations in room acoustics and for individual preferences in tonal balance.

Catching up again with our speeding Note, we now find the signal passing from the I. F. Stage to the Second Detector Stage (F). The 2nd Detector, or *Demodulator*, converts the radio frequency energy into electrical energy at audio frequencies. In other words our Note, having shed its travelling clothes, is gradually adapting itself to the human

ear. This circuit, too, must be free from distortion so that our Note will be recognizable. And it is here that, in a good radio, you enjoy the benefits of Automatic Volume Control (G). Regardless of whether the signal is weak or strong, it emerges from the 2nd Detector at a uniform level, thanks to Automatic Volume Control.

Our Note proceeds next to the Audio Amplifier and, because the receiver we are studying is a very good one, we encounter Push-Pull Amplification (J) wherein the power is divided between several tubes. Since our Note might arrive on any frequency, the Audio Amplifier must transmit the entire range without adding any spurious frequencies of its own, and without reducing the range of frequencies.

It must supply enough power to carry peaks of sound—the largest volume produced—without "blasting".

From here the signal goes to the Loud Speaker, where electrical energy is translated into acoustical energy, or sound. Our Note has now become fully recognizable to the ear, with all of the qualities which characterized it as it left the trumpet, or piano, a tiny fraction of a second ago. Again, the loud speaker must be able to handle the entire audible range without cutting, or unduly emphasizing, any frequencies. Moreover, it must handle this audio output, must deliver our Note to us, without rattling.

Here the Baffle (cabinet) plays an important part. It must be large enough to reproduce low tones without undue resonance or booming. This, of course, is an acoustic job, achieved through bracing, padding, etc. Generally speaking, the larger the speaker, the better the response.

And now, long before the trumpeter has drawn his breath, long before the pianist has lifted his finger, we have followed the adventures of our Note—traced the entire route of a broadcast through a good radio. That's the best answer to your question: "What makes a radio good?" Of course it gives you a better understanding of the "mysterious" feature-claims you have seen in print. Perhaps you have noticed, in reading this, how many "musts" there are in connection with each component part. The I. F. Stage *must* amplify, but it *must* be free from distortion and high frequency discrimination. The Audio Output *must* transmit the entire range of frequencies. The 2nd Detector *must* be free from distortion, etc., etc. These are really "musts"—and they are the marks of a fine radio.

Now that you know some of the important features—check them against a LAFAYETTE. You'll find every one—and more! Because tracing our Note through a fine radio parallels tracing it through a Lafayette! Bear in mind that the radio we have just examined is not just any radio—it is a good radio! And the fact that you find all of these features in Lafayette is proof of the pudding. But aside from the features we have discussed: The R. F. Stage; the Dynamic Speaker; the extreme Sensitivity—there are other features, not so easy to see and hear, but just as important. Such features as: Automatic Bass Compensation; oversize components to insure long life; proper placement of parts on the chassis to permit adequate ventilation and minimize "stray" currents; plating of metal parts to prevent rust and corrosion, etc., etc.

All of these, plus the "musts" mentioned above, imply an outstanding personnel of radio engineers and technicians—necessitate thoroughly equipped Research and Testing Laboratories—require conscientious workmanship. And that is what Lafayette boasts.

Lafayette Custom Built Radios have earned a place in the ranks of the finest receivers made, and represent remarkable purchase values because they offer the unique combination of genuine supremacy and moderate cost.

All Lafayette receivers are fully licensed under RCA and Hazeltine patents. All are backed by a 30-day home trial guarantee.

## MONEY-BACK GUARANTEE

Try any Lafayette Radio for 30 days. If, within that time, you are not completely satisfied, Lafayette invites you to return the set and receive your money back in full—less, of course, transportation charges. No questions will be asked . . . Lafayette makes you sole judge, and gives you one whole month to decide. Take advantage of this exclusive, sensational guarantee. It is further supplemented by the Radio Manufacturers Association guarantee against defect in materials and workmanship. In every way your best bet's Lafayette.





## Lafayette 9 TUBE 5 BAND A. C. SUPER

### CONSOLE MODEL (Illustrated Above)

**MODEL B-101**—Lafayette 9-tube, 5-band Automatic Push-Button AC Superheterodyne in handsome duo-tone Grained Walnut Console, complete with all tubes. For operation on 110 volt, 50/60 cycles a.c. Size: 38 $\frac{7}{8}$ " high, 28 $\frac{1}{4}$ " wide, 12 $\frac{1}{2}$ " deep. Code, 8EAMY. Shpg. wt. 68 lbs.

List Price \$99.95.

**YOUR COST, EACH.....**

**\$54.50**

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

The chassis and speaker used in the above console are available separately for mounting in your own cabinet. For prices and specifications please see listing on the page opposite.

In its constant endeavor to bring to the radio public the finest that modern radio engineering, modern production methods and modern merchandising can offer, Lafayette turns up another winner in this excellent custom-built 9-tube, 5-band AC Automatic Push-Button Tuning Superheterodyne. A great radio, such as this one, can only be produced by an organization such as Lafayette where every possible care is given to quality of material, design and craftsmanship. This Superheterodyne was designed with one prevailing idea—to keep the quality high enough, and the price low enough, so that those desiring custom-built radio at production-line price would naturally turn to Lafayette. Independent consumer test laboratories will find in this Lafayette Superheterodyne another fine radio to add to their list of current "Best Buys". We are more than willing to have you give it the most exacting test any set can have—actual trial in your own home. Our liberal 30-day home-trial plan will enable you to subject it to every test you wish. You'll find that it more than lives up to our claim for it. Check carefully, and note these outstanding features:

**TUNED R.F. STAGE ON ALL BANDS:** This feature usually found only on much higher priced radios, provides greatly increased sensitivity, better signal to noise ratio and improved automatic volume control action.

**ADJUSTABLE ANTENN-AIRE:** Lafayette's exclusive loop antenna is of a special high "Q" type for noise-free broadcast reception. A self-contained counterpoise antenna for short-wave reception is also contained in the cabinet so that the set may be placed anywhere and give excellent results without antenna or ground connections. (Further specifications will be found on opposite page.)

### TABLE MODEL (Shown at left)

The Lafayette 9-tube, 5-band Automatic Push-Button Tuning Superheterodyne is also available in the table model cabinet shown at left. The specifications are identical with the set described above, with the exception of an 8-inch P.M. Dynamic Speaker to fit the smaller cabinet. It is complete with Magic Antenn-Aire.

**MODEL B-103**—9-tube 5-band push-button tuning Superheterodyne in Table Model Cabinet, complete with tubes. Size: 12 $\frac{1}{2}$ " high, 25 $\frac{1}{4}$ " wide, 11 $\frac{1}{2}$ " deep. Shpg. wt. 41 lbs. Code, BLACK.

List Price \$85.00.

**YOUR COST, EACH.....**

**\$44.95**

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





BUILD YOUR OWN PROGRAMS  
ON THE Automatic RECORD CHANGER

## AND Automatic PHONO-RADIO COMBINATION

**AUTOMATIC PUSH-BUTTON TUNING** provides your choice of six favorite broadcast stations. Pressing any button allows instantaneous and accurate tuning of any pre-determined station. Buttons may be easily reset at any time by a single screw adjustment. **FIVE-BAND TUNING** enables you to seek your radio entertainment from any place in the world. Extending from 568 meters down to 13.8 meters in five bands: 528 to 1730 kc (568 to 173 meters) for domestic broadcasts; 2.3 to 7.4 mc (130 to 40.5 meters); 8.7 to 12 mc (34.5 to 25 meters) 12 to 15.6 mc (25 to 19.2 meters) and 17.5 to 21.8 mc (17.1 to 13.8 meters) covering practically ALL foreign short-wave stations, exciting police calls, ships at sea, amateur, aviation and other short-wave signals. Wide band spread.

**DUAL TUNING EYE INDICATOR:** The modern 6AD6G cathode ray tube, mounted directly in the dial permits very precise tuning of all stations with utmost ease.

**SLIDE RULE DIAL,** edge lighted is 8 inches long, calibrated in kilocycles and megacycles for accurate logging, easy tuning.

**12-INCH P.M. DYNAMIC SPEAKER** in both the console model illustrated on page opposite and in the combination phono-radio shown above provides full-range response and excellent distortionless volume. (Table cabinet model on opposite page has an 8-inch P.M. speaker.)

**F.M., TELEVISION SOUND AND PHONO** jack input is provided on all models to permit use of the audio section for external sound input. **MULTI-PURPOSE TUBES** utilized in the modern superhet circuit include: 1-6SK7 r.f. amplifier; 1-6SK7 i.f. amplifier; 1-6SA7 oscillator, 1st detector; 1-6SQ7 2nd detector, AVC and 1st a.f.; 1-6SQ7 driver; 2-6V6GT push-pull "beam-power" output; 1-6AD6G tuning indicator and 1-5Y3G rectifier tube.

**AUTOMATIC BASS COMPENSATION** is provided to supply fully balanced tone at all volume level settings.

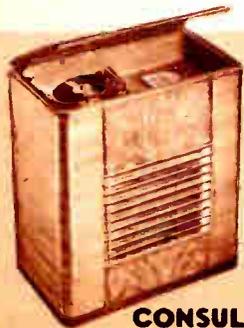
**FULL RANGE TONE CONTROL,** continuously variable allows complete gradation of tone from rich, deep basses to brilliant trebles.

**BEAM-POWER OUTPUT:** Two 6V6GT tubes in push-pull provide an undistorted power output of 9 watts. Essentially flat frequency response from 100 to 6,000 cycles.

**AUTOMATIC PHONO-RADIO COMBINATION** (illustrated above) in addition to the fine 9-tube 5-band Automatic Push-Button Tuning Custom-Built Superhet just described also features a modern, fool-proof automatic mixer-changer phonograph mechanism. Enjoy 40 to 50 minutes of perfectly reproduced recorded music of your choice without the bother of changing records or needles. Simply stack twelve 10" or ten 12" or 10" records in any assortment and the mixer changer automatically plays them through without further adjustment on your part. Features of the phono are: **CONSTANT SPEED RIM-DRIVE MOTOR,** 78 r.p.m. with 10" flocked turntable.

**TANGENT-ARM CRYSTAL PICK-UP** for high fidelity response, minimum noise level and increased record life.

**REJECT LEVER** permits any record in the stack to be rejected without removing from the mechanism. Records may be played singly by manual operation if so desired. The Phono-Radio combination is housed in a beautifully styled, modern console cabinet constructed of selected matched-grain Walnut exquisitely finished.



**MODEL B-102**—Lafayette 9-tube, 5-band Automatic Push-Button Tuning Custom-Built Superheterodyne Combination with Automatic Mixer-Changer Phonograph in duo-toned Grained Walnut console, complete with all tubes. For operation on 110 volts, 60 cycles A.C. Size: 35 3/4" high, 31" wide, 17" deep. Code, 81LGE. Shpg. wt. 129 lbs. List Price \$145.00.

**YOUR COST, EACH**..... **\$89.95**  
For 220-volt operation, add..... \$5.00  
Above model, but with Garrard RC-30 mixer-changer (described on page 84), add..... \$15.00

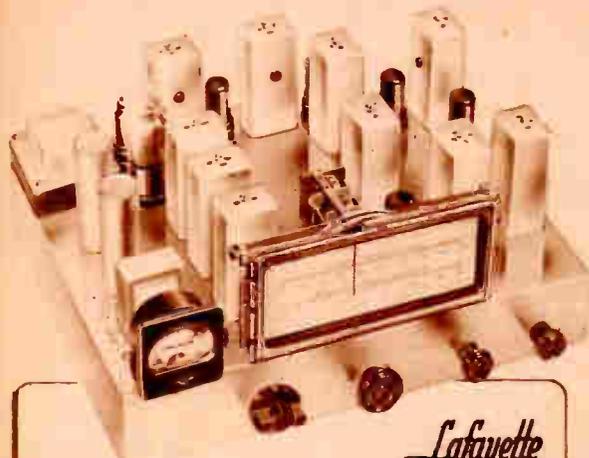
**CHASSIS AND SPEAKER ONLY.** The Lafayette 9-tube, 5-band Push-Button Tuning Custom-Built Superheterodyne described above, the complete chassis with all tubes, and 8-inch dynamic speaker may be obtained separately. Magic Antenn-Aire loops are furnished with the chassis. Chassis size: 10 1/2" high, 15 1/4" wide, 8 1/4" deep. Shpg. wt. 32 lbs. Code, BADGE. List Price \$70.00.

**MODEL B-100**—Chassis with tubes, 8" speaker and loops.  
**YOUR COST**..... **\$37.50**  
For 220-volt operation, add..... \$2.50  
With 12" Speaker, add..... \$2.50

CONSULT OUR CUSTOM-CABINET DEPT. FOR YOUR SPECIAL REQUIREMENTS



GARRARD Automatic RECORD CHANGER—WORLD'S FINEST



*Lafayette*

### F.M. AND BROADCAST BAND TUNER

The new Lafayette Frequency Modulating and Standard Broadcast band tuner incorporated in the combination console described at right is also available separately for installation in your own cabinet, in conjunction with any fine amplifier and speaker system. This two-way tuner permits reception of Frequency Modulation from 40 to 50 megacycles and, by simply switching over, of the broadcast (amplitude modulation) band from 550 to 1600 kilocycles. Careful design and proper proportioning of the i.f. circuits insures high fidelity reception on both bands. Tubes used include: 1-6SK7 r.f. amplifier, 1-6SA7 converter, 1-6SK7 A.M. i.f. amplifier, 2-18S3 F.M. i.f. amplifiers, 1-6SJ7 FM limiter, 1-6H6 FM detector, 1-6R7 AM detector and audio amplifier and 1-80 rectifier. The assembly includes a large slide-rule tuning dial, tuning indicator, AM-FM band-switch, volume control, and tone control. High impedance output connection for feeding grid of local amplifier and 500 ohm terminals.

**MODEL FM12**—Lafayette Custom-Built A.M. and F.M. tuner as described above, complete with all tubes. For operation on 110 volts 60 cycles a.c. Size: 9" high, 16 3/4" wide, 15" deep. Code, JABOT. Shpg. wt. 37 lbs.  
**List Price \$125.00**  
**YOUR COST..... \$69.50**

## Lafayette THREE-WAY COMBINATION A.M. - F.M. & AUTOMATIC PHONO

Lafayette scoops the field again with this up-to-the-minute three-way combination incorporating the modern miracle of Frequency Modulation PLUS a high fidelity standard broadcast band superheterodyne PLUS an automatic mixer-changer standard phonograph ALL in one exceptionally beautiful modern console. With frequency modulation stations springing up like mushrooms all over the country, all sections will soon be able to enjoy this new full-fidelity, "staticless" form of radio. Be among the first to enjoy this "radio of the future". But that is not all this superlative combination offers you. The entire broadcast band from 550 to 1600 kc (545-187.5 meters) is also covered by the Amplitude Modulation standard broadcast section of the tuner in this fine combination. This will permit you to enjoy all the national network air-shows in addition to F.M. But this exceptional Lafayette value ALSO embodies a high-quality automatic mixer-changer phonograph which will supply 40 to 50 minutes of uninterrupted reproduction of your favorite recordings. Capable of playing ten 12-inch or twelve 10-inch records, or any combination of ten 10-inch and 12-inch records, intermixed in any order with no adjustments whatever on your part. Record player has a tangent arm crystal pick-up of the latest type, for minimum record wear and maximum reproduction qualities.

### CUSTOM-BUILT HIGH-FIDELITY POWER AMPLIFIER

To assure really high-fidelity reproduction Lafayette has designed a special amplifier utilizing 2-6C8Gs, 2-6L6G "beam-power" tubes and a separate 5U4G rectifier. This amplifier has an essentially flat frequency response from 30 to 15,000 cycles. To match this fine amplifier a dual speaker system incorporating one 6-inch and one 12-inch P.M. Dynamic Speaker will handle the full 20 watts undistorted power output and give you a new understanding of the realism of higher fidelity reproduction. The amplifier features separate bass and treble equalization controls which provides you with perfect acoustic control for both recordings and radio (A.M. and F.M.) Automatic bass compensation is also a built-in feature.

**SPECIAL TUNING METER:** a professional type tuning meter shows the signal strength directly. It operates on both A.M. and F.M. You merely tune till the pointer in the dial swings to the indicator line, and your station is brought in with maximum efficiency.

**MODEL FM-13**—Lafayette 14-tube Three-Way A.M.-F.M. Superheterodyne and Automatic Record Changer, as described above, complete with all tubes, in a Moderne Walnut console. For operation on 110 volts, 60 cycles A.C. Size: 34" high, 37 1/2" wide, 18 1/2" deep. Code, JELLO. Shpg. wt. 185 lbs. **List Price \$325.00.**

**YOUR COST, EACH..... \$184.75**

**MODEL FM-14**—Similar to above, but with Garrard RC-30 mixer-changer, as described on Page 84, in place of the mixer-changer described above. Add **\$15.00**



LISTEN TO TRUE FIDELITY  
RECORDINGS PLAYED *Automatically*

## Lafayette 13-TUBE 4-BAND AC-DC PHONO-RADIO

This superlative Phono-Radio Combination represents the cumulative engineering and merchandising experience of Lafayette's 20 years of pioneering in the radio industry. All that is desirable in a fine radio and a fine phonograph is incorporated in this Lafayette model. Equipped with the world-famed Garrard record changer, operating on either AC or DC, you can enjoy the finest reproduction on both recordings or radio. Give yourself ample opportunity to try this superb combination in your own home. Our generous 30-day home trial plan will enable you to check these features: **13-TUBE AC-DC SUPERHET:** This ultra-modern receiver covers the standard broadcast band on 540-1640 kc (556-183 meters); coverage of international short-wave, police, amateur and aviation signals on 2.35-7.6 mc (127-39.4 meters) and 7.3-22 mc (41-13.6 meters); and coverage of the long-wave band from 142-370 kc (815-2113 meters).

**R.F. STAGE ON ALL BANDS** provides extra sensitivity for all stations. This custom-built feature assures you of world-wide reception.

**12-INCH ELECTRO-DYNAMIC SPEAKER** easily handles the full output without distortion. **TWO-POSITION SELECTIVITY SWITCH** in expanded position permits reception to 6500 cycles. In contracted position it greatly increases selectivity for tuning on all bands.

**MAGIC ANTENN-AIRE**, Lafayette's exclusive built-in loop for noise-free reception on broadcast band. Terminals are provided for best reception on all other bands.

**MULTI-PURPOSE TUBES** include: 6SK7 r.f. amp.; 6SA7 converter; 6J5 oscillator; 6SK7 i.f. amp.; 6SQ7 det., AVC and 1st a.f.; 6J5 inverter; 4-25L6 p.p. parallel beam-power output; 6U5 tuning "eye"; 2-25Z6 rectifiers and an 149DJ ballast tube. Ample reserve power is afforded.

**TUNING "EYE" INDICATOR** for precise tuning on all bands.

**BAND ILLUMINATED DIAL** Multi-colored dial with clever band-lighting shows range in use. **IRON CORE I.F. TRANSFORMERS** provide valuable high "Q" ratio on all reception. **VARIABLE TONE CONTROL**, continuous, to suit individual tastes on radio and phono. **PHONO-RADIO TELEVISION SOUND** switch on front panel, coupled with volume control. **GARRARD RC-11 AUTOMATIC RECORD CHANGER** permits playing of eight 10" or eight 12" records automatically. It features: **TANGENT ARM CRYSTAL PICK-UP** for optimum reproduction, maximum record life.

**AUTOMATIC REJECTION KNOB.**  
**MODEL C-126** — Lafayette 13-tube AC-DC Radio-Phono Combination with Garrard RC-11 Automatic Record Changer, complete with all tubes. For operation on 110 volts DC or AC (60 cycles). Size: 35 3/4" high, 31" wide, 17" deep. Code, GHAUT. Shpg. wt. 110 lbs.  
List Price \$210.00.

**YOUR COST, \$124.75**  
EACH.....  
For 220-volt operation, add.....\$3.50

## Lafayette TABLE MODEL

Illustrated at right is our Lafayette 13-tube, 4-band AC-DC Superheterodyne Table Model. Undoubtedly one of the most powerful table model receivers our engineers have ever offered, it incorporates the latest advancements in radio design. It is an ideal receiver for the compact apartment, and because of both its AC-DC features and its built-in Magic Antenn-Aire it will perform anywhere. Our liberal 30-day home trial will give you ample opportunity to check these fine features:

**FOUR BAND TUNING:** Includes the identical tuning ranges listed with its console counterpart listed directly above.

**BUILT-IN ANTENNAIRE** provides noise-free loop reception on broadcast band. Aerial terminals are provided for extra sensitivity on all other bands.

**8-INCH HEAVY DUTY SPEAKER** supplies tone quality of unusual excellence with more than ample power. Tube complement and other technical specifications are identical with the radio section of the combination above.

**MODEL C-127**—Lafayette 13-tube, 4-band AC-DC Superheterodyne for operation on 110 volts DC or AC (60 cycles), in duotone Walnut Table Model cabinet. Complete with all tubes. Size: 12 1/2" high, 25 1/4" wide, 11 1/2" deep. Code, GLAIR. Shpg. wt. 44 lbs.

List Price \$99.50.  
**YOUR COST, \$57.50**  
For 220-volt operation, add.....\$3.50



MORE AND MORE . . .  
THOSE WHO APPRECIATE



## Lafayette ELEVEN TUBE CONSOLE

Smooth flowing lines, graceful proportions, carefully matched grain and a deep lustrous finish make these new Lafayette 11-tube 5-band models the most beautiful radios we have ever seen. Both the straight console pictured above and the versatile automatic combination shown on the next page are radios that will add prestige to the appearance of any room. From the moment you see them you sense instinctively their fine quality.

When you turn them "on" you realize immediately that this quality is not just "skin deep". Inside of these handsome cabinets is the new Lafayette 11-tube 5-band Superheterodyne Chassis that brings you a new conception of how fine modern radio reception can be. Clarity of reproduction that enables you to hear every syllable, every note, just as clearly as though the artists were right there in the room with you. Sensitivity that enables you to easily receive stations you never even knew existed before. Selectivity that literally pulls the stations apart and picks out just the one station you want to hear. You soon realize that here at last is a radio that is different—different because it is better. You are sure that a great deal of time and effort was spent in designing it—and even more in building it. And you will be right—because Lafayette engineers did take infinite pains to give you a radio that is outstanding in both performance and appearance in this new 11-tube 5-band Lafayette.

**MODEL FE-149—In Console Cabinet with Acoustic Chamber.** The Lafayette 11-tube 5-band Superheterodyne in a handsome console cabinet standing 35¼" high, 33" wide and 15" deep. Fashioned of beautifully grained walnut veneers and hand polished to a deep lustrous finish. An attractive piece of furniture that will blend gracefully with the finest furnishings yet form a center of interest, if you wish, for any room. Comes complete with built-in Magic "Antenn-Aire" aerial and a set of matched tubes. For operation on 110-120 volts 50/60 cycles a.c. Shpg. wt. 85 lbs. Code HAMAN.  
**List Price \$125.00.**

**YOUR COST**.....  
For 220 volts 40/60 cycles operation add.....\$3.00

### A SUPERB CHASSIS FOR YOUR OWN CONSOLE

#### Lafayette Model FE-148

The same fine 11-tube 5-band chassis together with its matching speaker is available separately for use in specially designed custom-built cabinets. Interior decorators, architects, and fine furniture makers will appreciate the ease with which this chassis can be installed. Chassis dimensions are: 17½" wide, 11" deep and 9½" high. Speaker dimensions: 12" diameter. This chassis can also be installed in many existing cabinets to replace old out-of-date radios. Why put up any longer with inferior reception merely because you like the cabinet? Replace that old chassis with this new Lafayette and find out just how good radio reception can be with a modern radio. A complete set of tubes, speaker, knobs, dial escutcheon and full instructions are furnished. For 110-120 volts 50/60 cycles a.c. operation. Shpg. wt. 45 lbs.

Code HALMA. List Price \$79.50. **\$44.50**  
**YOUR COST**.....  
For 220 V. 40/60 cycles operation add.....\$3.00

CONSULT OUR CUSTOM-CABINET DEPT. FOR YOUR SPECIAL REQUIREMENTS

TRUE FIDELITY TURN TO *Lafayette*



## 5 BAND AC SUPERHET AND AUTOMATIC PHONO COMBINATION

Many technical refinements are incorporated in this new Lafayette 11-tube Superheterodyne. **BAND SPREAD TUNING** for the short wave stations greatly simplifies the tuning in of foreign stations direct. Each one of the four short wave bands has been given a scale of its own on the dial and spread to cover almost the complete length of the scale!

No more crowding of one station practically on top of the other—no more "hair-trigger" tuning—now tuning short wave stations becomes just as simple as tuning regular broadcast stations! The ranges are as follows: 49M Band—5.9 to 6.1 mc.; 31M Band—9.1 to 10mc.; 25M Band—14.9 to 15.4mc.; and 19M Band—14.9 to 15.4mc. The fifth band is the regular broadcast band—540 to 1600kc.

**SEPARATE BASS AND TREBLE CONTROLS** permit individual emphasis or diminution. A separate push-button for each has Low—Medium and High positions. You can thus obtain a far greater control over tonal response than is possible with the usual single-knob type of control. It provides full tone compensation. **A LARGE 12" CONCERT DYNAMIC SPEAKER** is further assurance of the finest possible tone reproduction on both radio and phono.

**RF AMPLIFIER ON ALL BANDS** guarantees maximum sensitivity and selectivity. The complete lineup: 6SK7 r.f. amp.; 6SA7 converter; 2-6SK7 i.f. amplifiers; 6SQ7 2nd det.; a.v.c.; 1st audio; 6SQ7 tone control amp.; 6J5GT inverter; 2-6V6GT p.p. power amplifiers; 6U5 tuning eye; 5Y3G rectifier. Rated sensitivity—3 microvolts average at 1/2 watt. Power output 10 watts undistorted.

**PUSH BUTTON CONTROL** for 5 pre-selected stations in addition to the bass control button, the treble control button and the phono-radio button. The station buttons are of a new clutch-type. Even a child can set them for any desired station—just pull out the button—tune by dial to the desired station—push back the button—and it's set!

**BETTER-SIGHT SLIDE RULE DIAL.** In keeping with today's demand for relief from eye-strain Lafayette has developed a new dial that is easier to see. Large legible figures, wide-spread short wave band scales, indirect illumination on dial and buttons.

**THE MAGIC "ANTENN-AIRE"** permits reception of local stations without an external aerial. A short wave antenna may be attached for reception of short wave and distant stations.

Combination Models: two phono-radio models are available, the Standard and the Garrard DeLuxe. Both of these employ the specially designed audio system of the receiver and the matched 12" Concert Dynamic Speaker.

The Standard **MODEL FE-146** incorporates a fully automatic mixer-changer that will play 12-10" or 10-12" records intermixed, in any order, regardless of how they are stacked. A convenient reject lever permits you to reject any record if you should change your mind. The crystal pickup assures excellent fidelity, fine tone quality and long record life.

The Garrard DeLuxe **MODEL FE-153** incorporates the new Garrard Model RC-30 Mixer-Changer with the new maximum-fidelity crystal pickup and permanent sapphire needle. This new improved changer will play eight 10" or 12" (all of the same size or inter-mixed) records in sequence automatically. The new maximum-fidelity crystal pickup provides the highest fidelity possible due to a new crystal element, exceptionally low needle pressure (only 1-ounce) and a permanently installed sapphire needle which does not require replacement! The low needle pressure almost eliminates record wear.



**MODEL FE-146—Automatic Combination** (illustrated above). This splendid cabinet houses both the Lafayette 11-tube 5-band Superhet and the Standard automatic mixer-changer that plays 12-10" or 10-12" records automatically. Hi-Fidelity crystal pickup. Overall cabinet dimensions 33 3/4" high, 16" deep and 34 3/8" wide. For 110-120 V. 60 cycles a.c. operation. Complete with tubes. Shpg. wt. 135 lbs.

Code HALID.  
List Price \$175.00.  
YOUR COST.....

**\$97.50**

For 220 volts 40/60 cycles a.c. operation add \$5.

**MODEL FE-153—DeLuxe Automatic Combination.** Incorporates the new Garrard Automatic Mixer-Changer Model RC-30 with the new maximum-fidelity crystal pickup employing a permanent sapphire needle. This is undoubtedly one of the finest combinations of its type. You can play eight 10" or 12" records (mixed if you wish) automatically. Same dimensions as left. For 110-120 V. 50/60 cycles. a.c. Code HARRY.

List Price \$199.50.

YOUR COST.....

**\$114.75**

For 220 volts 40/60 cycles a.c. operation specify and add.....\$6.00

Above Model Available With Recording Mechanism At Additional \$27.50.

CUSTOM BUILT TO JOIN



YOUR CHOICE OF THE WORLD'S  
FINEST Automatic CHANGERS

## Period Model Lafayette 11-TUBE COMBINATION

All the gracious charm of life in the eighteenth century is brought to mind when you see this new Lafayette Period Combination. The lilting strains of the Minuet, the powdered wigs, the gracious courtesies of ladies and gentlemen accustomed to a cultured, charming way of living. Unhurried, painstaking craftsmen fashioning things of beauty out of stone and wood. A little cabinetmaker in his shop putting pencil to paper to design furniture that will live after him and make his name revered forever as the master of them all. Thomas Chippendale, undoubtedly the master of all cabinetmakers, was an artist as well. An artist who knew how to put the charm of the eighteenth century into fine furniture.

Today Lafayette craftsmen have taken one of his finest examples of furniture design and reproduced it faithfully line for line. The rich, warm grain of mahogany carefully matched to produce an attractive natural design for the doors. Specially selected straight grained panels for the sides and top. Then hours of varnishing and rubbing and varnishing and rubbing, layer upon layer, until finally a deep lustrous finish brings out all the beauty of this fine hardwood. Consoles like this are not made in a hurry—it takes time and a great deal of skill.

It is only a console of this quality, however, that is worthy of so fine a phono-radio combination as this new Lafayette 11-tube 5-band Superheterodyne with Automatic Mixer-Changer. You must hear as well as see this marvelous Combination to fully appreciate the tremendous improvements that engineers have made in modern radio reception. And you'll be thrilled by the equally great improvements made in the reproduction of fine recordings.

For a complete technical description of the Lafayette 11-tube 5-band Superheterodyne please refer to page 25. Note particularly the band-spread tuning on the short wave bands. A separate scale for each of these bands is provided on the dial—no more crowding of stations on top of one another—no more "hair-trigger" tuning—now you can tune in short wave stations as easily as the regular broadcast stations. Also note the individual bass and treble response controls, the E-Z set push-buttons, the better-sight dial, the tuned r.f. stage on all bands, etc.

Two models of Mixer-Changers are available in the Lafayette Period Model Combination. The Standard model will play twelve 10" or ten 12" records all of which can be of the same size or intermixed. A Hi-Fidelity Crystal Pickup provides outstandingly fine tone quality and because of its light weight record wear is reduced to a minimum. Gravity feed mechanism prevents chipping of records or other damage.

The DeLuxe Mixer-Changer is Garrard's new Model RC-30 incorporating their new Maximum-Fidelity Crystal Pickup. This marvelous new pickup has a built-in permanent sapphire needle that does not have to be changed. It is so light in weight that it infinitely prolongs the life of your records. And for quality of reproduction it cannot be excelled. You will be delightfully surprised when you hear how much better your favorite recordings sound when you play them on the DeLuxe 11-tube Lafayette Combination. You can load eight 10" or 12" records (all the same size or mixed together if you wish) onto the changer at a time and settle back for as long as 40 minutes of uninterrupted entertainment—record reproduction at its very best. Precision-built GARRARD automatic record changers are recognized as being the finest in the world.



Note the large compartment for storing record albums (albums not included), the doors that swing completely out of the way and the divided top that enables you to get at radio or changer individually.

**MODEL FE-147**—Lafayette 11-tube 5-band Combination, with Standard Mixer-Changer in mahogany Period Console. 35 1/4" wide, 35" high, 17 1/2" deep. Plays twelve 10" or ten 12" records all same size or mixed. For 110-125 V. 60 cycles a.c. Shpg. wt. 158 lbs. Code, HALLO. List \$225.00. **YOUR COST..... \$124.50**  
For 220 V. 60 cycles, add..... \$5.00  
Also available in Walnut at \$5.00 additional. Specify Model FE-147W.

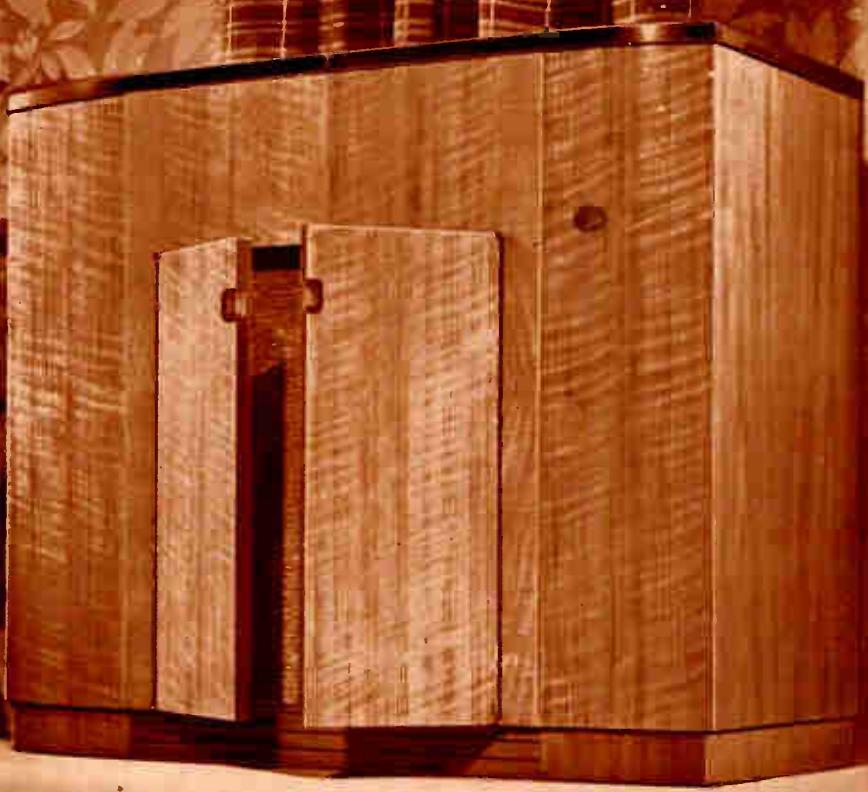
**MODEL FE-155**—Lafayette 11-tube 5-band Phono-Radio Combination with Garrard RC-30 DeLuxe Mixer-Changer in Period Console. Will play eight records (10" or 12") in sequence and has new maximum-fidelity crystal pickup with permanent sapphire needle. Code, HASTE. List Price \$250.00. **YOUR COST..... \$139.50**  
For 220 V. 40/60 cycles, add..... \$5.00  
Also available in Walnut at \$5.00 additional. Specify Model FE-155W on order.

Above Model Available With Recording Mechanism At Additional \$27.50.

# TRUE HIGH FIDELITY TO EXQUISITE CABINETRY



WITH PRECISION BUILT  
Automatic RECORD CHANGER



## moderne model *Lafayette* 11-Tube CUSTOM-BUILT COMBINATION

Our present century has often been called the Century of Speed and the Century of Progress. This progressive state of mind is reflected in everything we do. We travel faster and farther. We telephone instead of write. We let machinery do our monotonous tasks for us. All this has naturally also affected the furniture with which we live. Our impatience with non-essentials has eliminated the "ginger bread" and given it its clean-cut flat planes. Good proportions and fine texture have taken the place of applied decoration. Simplicity has come to the forefront.

If you like modern furniture—good modern furniture—then you'll like this new Lafayette Model. The attractive natural grain of fine hardwood gives it a textured appearance yet when we run an inquisitive hand over its surface we find it polished as smooth as glass. Its carefully fitted divided top appears to be permanently fastened down but at the touch of a finger it raises to reveal both the radio control panel and the mixer-changer. Only the handles betray the presence of the carefully inset doors, at the front of the cabinet, which opens to reveal the fabric covered speaker baffle. Fine workmanship and fine materials have been happily combined to produce an outstandingly beautiful custom-built cabinet. You'll take pride in its ownership.

Modern too is the new Lafayette 11-tube 5-band Superheterodyne which is the heart of this beautiful combination. Here again impatience with non-essentials has resulted in a tremendous improvement. On the short wave bands all code, beacon, and uninteresting transmissions have been eliminated and each of the important short wave bands given a scale of its own on the dial. Thus each short wave band is s-p-r-e-a-d over a complete scale.

This effectively overcomes the usual crowding of stations and the "hair-trigger" tuning experienced on most short wave receivers. It now becomes as easy to tune in a short wave station as a regular domestic broadcast station. Foreign reception direct becomes a simpler matter than ever before. For a complete description of this marvelous new Lafayette Superheterodyne please refer to page 24.

The mixer-changer is also a product of our modern way of life. This ingenious mechanism eliminates the need for your getting up out of your comfortable chair after each record is played. The Standard model can be loaded with up to twelve 10" or ten 12" records (all the same size or intermixed) at one time so that you can settle back in your chair for up to 50 minutes of entertainment without going near the Combination. The DeLuxe changer can be loaded with up to eight records of either size (or both intermixed) and in addition incorporates a new permanent sapphire needle which eliminates needle changing entirely! The Standard model incorporates a Hi-Fidelity Crystal Pickup—the DeLuxe Model the new Maximum-Fidelity Crystal Pickup which has the lightest needle pressure of any mixer-changer pickup yet used and which infinitely prolongs the life of your records.

In reproduction particularly you will find evidence of modern progress. The tone quality of both radio and phono is the finest. Fully controllable by means of separate treble and bass compensators instead of the usual single-knob tone control, almost any desired response can be obtained from a true-fidelity response to over-attenuated bass or treble or both. No matter what type of response you like you can get it with this new Lafayette.



Moderne **MODEL FE-145** Lafayette 11-tube 5-band Superheterodyne Combination with Standard Mixer-Changer in genuine walnut veneer cabinet. Plays twelve 10" or ten 12" records (mixed if desired) at one loading. Hi-Fidelity Crystal pickup. Reject lever. Built-in Magic Antenn-Aire. Push-Button Control. Overall dimensions: 34" high, 37 1/2" wide, 18 1/2" deep. Complete with tubes. For 110 V. 60 cycles a.c. Shipping weight 158 lbs. Code **HALFT**.  
List Price **\$225.00**.

**YOUR COST**.....  
For 220 Volts 60 cycles a.c., add.....\$5.00

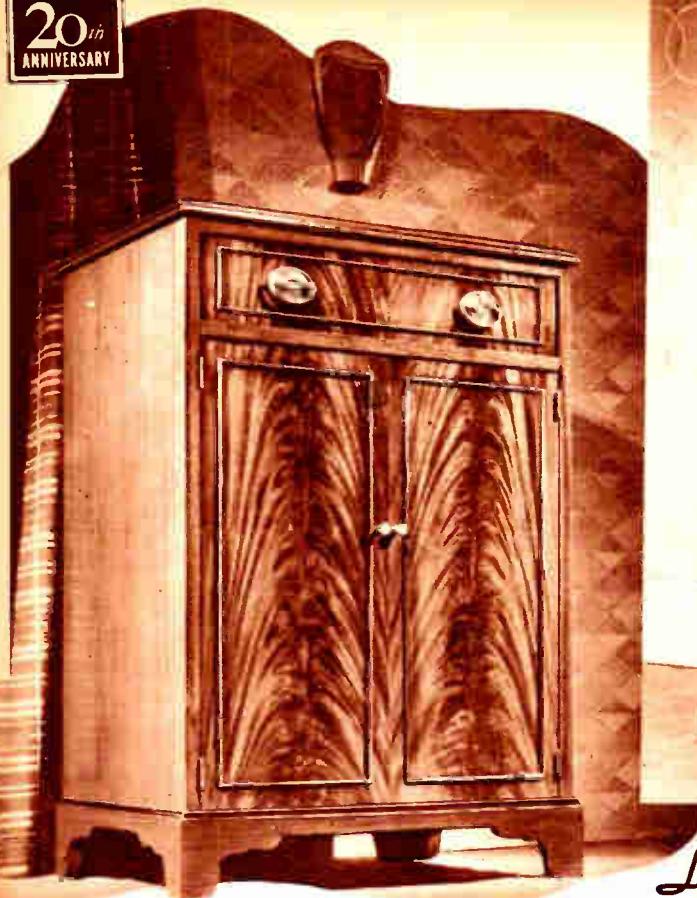
**\$124.50**

Moderne **MODEL FE-156** Lafayette 11-tube 5-band Superheterodyne Combination with DeLuxe Garrard Model RC-30 Mixer-Changer. Has Maximum-Fidelity Crystal Pickup with permanent sapphire needle. Plays eight 10" or 12" records at one loading. Sizes may be mixed if desired. Reject and repeat levers. Same dimensions as at left. For 110 volts 50/60 cycles a.c. operation. Shpg. wt. 158 lbs. Code, **HATCH**.  
List Price **\$250.00**.

**YOUR COST**.....  
For 220 V. 40/60 cycles operation add.....\$5.00

**\$139.50**

Above Model Available With Recording Mechanism At Additional **\$27.50**.



## Lafayette 11-Tube Period Hi-Boy AUTOMATIC COMBINATION

A little cottage by the side of the road and a modern apartment usually have one thing in common—small rooms. You who live in such cozy little homes will appreciate more than anyone else this new Lafayette Period Hi-Boy Combination. It is an authentic reproduction of a classic Period design in every detail. With its beautifully grained crotch mahogany panelled doors and its hand-rubbed lustrous finish it is a phono-radio combination you can be proud of. In performance it leaves nothing to be desired. Both radio and record reproduction are outstandingly fine. Yet all this is contained in a handsome compact cabinet measuring only 25" wide, 35 1/2" high and 18 1/2" deep. A cabinet so compact that it will fit practically anywhere yet so beautiful that it commands instant admiration.

The heart of this Phono-Radio Combination is the famous Lafayette 11-tube 5-band Superheterodyne which is fully described on page 24. When reading about this marvelous receiver note particularly the sensationally new band-spread feature. This feature, which has proven so valuable in communication receivers, has now been incorporated in a home-type radio. No more crowding of short wave stations one on top of the other, no more "hair trigger" tuning. Each one of the four bands now has a scale of its own as long as the regular broadcast band scale. Also note the individual bass and treble controls that enable you to accentuate or diminish either response at will. These are effective on both radio and record reproduction. Then there are the E-Z set push-buttons that even a child can set and the "better-sight" dial, etc. All in all a radio that is different because it is better—far better than any you have ever heard before.

The Standard Mixer-Changer which will play twelve 10" or ten 12" records (mixed if you wish) at one loading enables you to settle back in your chair for as long as 50 minutes of the grandest record reproduction you have ever heard.



## Lafayette 11-Tube Moderne Hi-Boy AUTOMATIC COMBINATION

Those who appreciate good modern furniture will instantly fall in love with this new Lafayette Moderne Hi-Boy. Here is cabinet artistry at its best. Clean-cut lines, the grain of fine hardwoods and a lustrous hand-rubbed finish make this a true gem of the cabinet makers art. Custom-built it is available in both walnut and bleached mahogany finishes. Despite the fact that it houses the big powerful 11-tube 5-band Lafayette Superheterodyne and the Standard Mixer-Changer it is unusually compact measuring only 36 1/4" high, 23 1/4" wide and 16" deep. An ideal size for the small apartment and cottage.

In tone, selectivity and sensitivity it is truly amazing. The heart of this model is the Lafayette 11-tube 5-band Superheterodyne which is fully described on page 24. This marvelous receiver is the culmination of 20 years of experience in building fine radios. It incorporates such sensationally new features as short wave band s-p-r-e-a-d-i-n-g, individual bass and treble response controls, E-Z set push-buttons, "better-sight" dial and many more. The short wave band s-p-r-e-a-d-i-n-g which was originally developed for communication receivers provides a separate scale for each of the four short wave bands and greatly simplifies tuning in of foreign stations. No more crowding of stations on top of one another—plenty of room between stations in comparison with present day radios. Push-buttons that are so easy to set a child can do it. And the individual bass and treble response controls permit you to have far greater control over tone than ever before. No single-knob control can even begin to compare.

The fine audio system together with the large 12" concert dynamic speaker and the crystal pickup on the Mixer-Changer provides a fidelity of record reproduction never approached before in sets at anywhere near the price of this one. In addition the unusually light weight of this pickup results in very little needle pressure and infinitely long record life. The changer can be loaded with twelve 10" or ten 12" records at a time. The records can be all of the same size or the sizes can be mixed together as desired. Up to 50 minutes of the most wonderful record reproduction you have ever heard at a single loading. A built-in reject lever permits you to reject any record if you should change your mind after loading the machine.



**MODEL PE-151**—Lafayette 11-tube 5-band Period Hi-Boy Automatic Combination. Superheterodyne Radio, Standard Mixer-Changer. Mahogany cabinet 25" x 18 1/2" x 35 1/2" high. For 110 V. 60 cycles a.c. operation. Plays twelve 10" or ten 12" records (mixed if you wish) at one loading. Shpg. wt. 165 lbs. Code HANSE.  
List Price \$200.00. **\$119.95**  
YOUR COST .....  
For 220 V. 60 cycles add..... \$5.00  
Also available with Garrard RC-30 Changer at \$15.00 additional.



**MODEL PE-152**—Moderne Hi-Boy Console with tubes and Standard Mixer-Changer. Dimensions 36 1/4" x 23 1/4" x 36 1/4" high. Walnut finish. Shpg. wt. 169 lbs. For 110 V. 60 cycles a.c. Code HARPY.  
List Price \$225.00.  
YOUR COST ..... **\$134.95**  
MODEL PE-154—Same but in Wheat finished bleached mahogany finish. Code HARTE.  
YOUR COST ..... **\$134.95**  
For 220 Volt a.c. operation, add..... \$5.00  
Either above available with Garrard RC-30 Mixer-Changer at \$15.00 additional.

CONSULT OUR CUSTOM-CABINET DEPT. FOR YOUR SPECIAL REQUIREMENTS

THE MOST COMPLETE ENTERTAINMENT INSTRUMENT EVER DEvised!

A GREAT SUPERHET RADIO  
A HIGH QUALITY  
ELECTRIC PHONOGRAPH  
A NEW IMPROVED  
HOME RECORDER  
A FINE P. A. UNIT  
IN ONE PORTABLE  
CARRYING CASE



## Lafayette 7 TUBE PORTABLE RADIOCORDER

Here are four great instruments in one portable cabinet, a real Lafayette miracle value to add to your greater enjoyment of the modern science of sound reproduction. Never before has even Lafayette offered so much in one diversified instrument at so low a cost. Record your favorite radio program right "off the air" and repeat memorable broadcasts as often as you choose. Or record the voices, playing, singing of your friends, your family—make precious mementos for years to come. Our 30-day home trial will give you ample time to appreciate these great features:  
**7-TUBE SUPERHETERODYNE** of superlative quality covering the broadcast band from 530 to 1700 kc (566 to 176 meters).  
**VARIABLE TONE CONTROL** for perfect reception, reproduction and recording.

**SUPERB ELECTRIC RECORD PLAYER** for ALL commercial records as well as your home recordings. Plays back 10" and 12" records.  
**HI-FI RECORDING AND PLAYBACK HEAD** of the most modern type. A simple adjustment changes the needle angle for cutting or for playback. Clever center pin cone eliminates snogging of acetate thread during the recording process. Records up to 10" blanks.  
**TUNING AND RECORDING LEVEL "EYE"**. A 6U5 cothode-roy eye does double duty, first in assisting you to tune all stations of their "peak" for greatest sensitivity and tone quality. It also shows you the best output level for use in recording without under or overcutting.  
**FINE CRYSTAL MICROPHONE** on desk stand. The latest type for recording and "P.A." use. With 12 feet of shielded mike cable.

**PUBLIC-ADDRESS UNIT:** Use the audio section of the Radiocorder as a P.A. system for home and club use; talk or sing through the mike.  
**FIVE-POSITION SWITCH** makes it easy to select 1) Radio; 2) Phono; 3) Radio Recording; 4) Mike Recording; 5) P.A.  
**MULTI-PURPOSE TUBES** are: 6SA7, 6SK7, 2-6SQ7, 6K6GT, 6U5 "eye", 6XSGT rectifier.  
**MAGIC ANTENNAIRE** eliminates aerial or ground connections in normal locations.  
**MODEL S-162**—Lafayette 7-tube Portable Radiocorder, as described, in leathette covered portable carrying case, complete with all tubes, six 6" recording discs, 2 steel recording needles, pack of playback needles, complete instructions. For 110 volts 60 cycles A.C. Size: 12" x 17 1/8" x 14" deep. Code, PA1LS. Net wt. 30 lbs. Shpg. wt. 41 lbs. List Price \$79.95.  
**YOUR COST, Singly**..... \$42.50  
**In Lots of 3,**  
**YOUR COST, EACH.... \$39.95**

## Lafayette ECONOMY PHONO-RADIO

A miniature in size, and price but there's nothing miniature about its quality and value! Brings you all the domestic radio programs PLUS your own selection of recorded music. Compact, beautifully finished, ideal for the small apartment, den, etc. Try one on our 30-day home trial offer. Look for these value-packed features:  
**5-TUBE SUPERHET:** utilizes the latest multi-purpose tubes: 12A8GT, 12K7GT, 12Q7GT, 50L6GT "beam-power" output tube and a 35Z5GT rectifier tube.  
**ASTATIC CRYSTAL PICK-UP** arm for good fidelity, long record life on 10" and 12" records.  
**WALNUT VENEER CABINET,** two-tone—hand-rubbed finish.  
**AUTOMATIC VOLUME CONTROL** eliminates fading on weak or distant radio stations.

**MAGIC-ANTENNAIRE** eliminates need for any aerial or ground connections, in most normal locations.  
**EXTENDED TUNING RANGE** covers the entire broadcast and upper police band from 170-550 meters.  
**RIM-DRIVE MOTOR,** self-starting type. 10" and 12" records may be played with lid of cabinet closed.  
**MODEL S-49 COMBINATION**—Lafayette 5-tube Phono-Radio Combination complete with tubes. For 110 volts, 60 cycles a.c. only. Size: 14 1/4" wide, 10 1/8" high (with lid closed) 13" deep. Code, PINCH. Shpg. wt. 20 lbs. List Price \$34.50.  
**YOUR COST, Singly \$18.95**  
**In Lots of 3,**  
**YOUR COST, EACH..... \$17.95**  
For 220-volt a.c. operation, add ..... \$3.00



20th ANNIVERSARY

# Inspired DESIGN AND ENGINEERING BRING YOU CUSTOM-BUILT TO GIVE YOU THE BEST



## Lafayette 15 TUBE

### A NEW BREADTH OF TONAL Beauty



This frequency chart presents, graphically, what you hear when you listen to speakers, singers, instrumentalists and full orchestras in person AND through the Lafayette Overture on both radio and high-fidelity recordings. All the higher frequencies which provide the effect of realism are heard, all the rich basses lend true musical balance.



These handsome modern cabinets represent the "peak" of the cabinet-makers art. Constructed of the finest available seasoned woods. The specially designed acoustic speaker chamber, built to match the speaker system, is treated with celatex to eliminate any trace of cabinet resonance. The small (tweeter) speaker is mounted in its own baffle with sound directed upward from the cabinet to enhance brilliant high tones. The cabinet lid has a cleverly designed pneumatic support which holds the lid firmly in any desired position, yet permits easy movement. Available with Walnut or Wheat finish.

**TOUCH** a switch . . . the portals of a new world of tonal beauty open!

The enchantment of immortal music fills your soul; you thrill to a new adventure in musical reproduction . . . through the Lafayette Overture! This incredibly magnificent musical instrument has won wide acclaim as the master-work of higher fidelity reproducers. Eminent musicians and engineers who have heard the Lafayette Overture have been unanimous in their overwhelming praise of its exceptional ability to re-create ALL the music, all the artistry broadcast from modern high-fidelity stations, or captured in today's superfine recordings.

The Lafayette Overture has been designed, engineered and constructed to delight the most discriminating eye and ear. It is destined to become the standard by which all other fine custom-built radio-phonograph combinations will be judged for years to come. The purity of tone, the full-bodied volume and the almost unbelievable degree of musical nuance or shading provided by this fine combination really must be heard to be appreciated.

The new Garrard Mixer-Changer used in these combinations plays eight 10" and 12" records in any assortment. The automatic mechanism requires no setting of any kind. Simply place the stack of records on the spindle and sit back and luxuriate in music perfectly reproduced. This new RC-30 Garrard features a permanent sapphire needle and a new low-pressure tangent tone arm with only one ounce needle pressure for better reproduction, increased record life.

To harmonize properly with the home beautiful two exceptionally handsome cabinet models house the Lafayette Overture. The modern cabinet (illustrated above) is available in a warm walnut finish or the ultra-modern wheat finish. The luxurious period cabinet (illustrated on next page) is supplied in a rich grained mahogany. Master craftsmanship is apparent in every line; built to last a life-time.

Lafayette Overture, higher fidelity radio-phonograph combination with Garrard RC-30 Automatic Mixer-Changer with permanent sapphire needle and low-pressure tone arm. Complete with all tubes. Size: 34" high, 39" wide, 19" deep. Shpg. wt. 220 lbs. LIST PRICE \$489.00.  
**MODEL CC-35**—In Walnut Modern Console. Code, GERRY.  
**MODEL CC-39**—In Wheat Finished Console. Code, GHENT.  
**Either Model.**  
**YOUR COST EACH. \$240.00**

ALL LAFAYETTE Radios are R.C.A. and Hazeltine Licensed.

# A REVELATION IN SUPREMELY BEAUTIFUL MUSICAL REPRODUCTION IN FULLY AUTOMATIC RADIO-PHONOGRAPH COMBINATIONS

## HIGHER FIDELITY

High fidelity, an advertising word of dubious meaning to most radio manufacturers, is a high ideal with Lafayette. Impossible to achieve with production-line methods, Lafayette's higher fidelity radio-phonograph combinations are all custom-built, checked and rechecked in our laboratory so that their performance is never less than perfect when it reaches the music loving public to whom we cater. Every unit, every component is matched so that the whole is the sum of many perfectly complementary parts. Nothing but the finest in materials, design, engineering and craftsmanship is tolerated.



## OVERTURE

### HIGH FIDELITY RADIO TUNER

The product of radio's outstanding engineering genius this 9-tube Superheterodyne Tuner used in the Lafayette Overture reproduces the entire audio range of modern high-fidelity broadcast stations. Outstanding features:

**VARIABLE I.F. EXPANSION** utilizing two i.f. stages with 3-position switch for 1) Full expansion for high fidelity stations; 2) Semi-expansion for average stations; 3) Needle sharp selectivity for distance reception through local interference.

**10 KILOCYCLE FILTER**, low-pass cutoff for reception with good fidelity under the most severe conditions of inter-station interference. A switch is provided to cut out this filter when not needed.

**FLAT FREQUENCY RESPONSE.** The tuner output is FLAT within  $\pm 3$  db from 20 to 10,000 cycles per second.

**SEPARATE BASS AND TREBLE EQUALIZATION.** Two separate controls provide any degree of bass and treble desired without in any way removing one or the other.

**IRON CORE ANTENNA COIL** for extremely high "Q".

**OVERSIZE COMPONENTS** provide a high factor of safety and performance.

**COMPLETE BROADCAST BAND COVERAGE** from 540 to 1720 kilocycles (556 to 174.5 meters) covering all domestic broadcast and high-fidelity stations in U.S. and Canada.

**INDICATOR DIAL LIGHTS** in exclusive dial design indicate degree of variable expansion.

**NINE MULTI-PURPOSE TUBES** used include: 1—6SK7 r.f. amplifier; 1—6SA7 converter; 2—6SK7 i.f. amplifiers; 1—6SQ7 detector, A.V.C. 1—6U5 tuning eye; 1—6U5 and 1—6C8G audio network amplifiers; 1—6X5GT rect.

### AUDIO AMPLIFIER SECTION

Designed specifically to reproduce with utmost fidelity the full frequency range of the superlative tuner above, as well as the output of the Garrard Automatic Record Changer, this ultra-high quality audio amplifier matches in every way the superior performance of both units.

**20 WATTS UNDISTORTED OUTPUT** on both radio and phonograph; 26 watts peak.

**INVERSE FEEDBACK** from voice coil to the voltage amplifier, thus damping cone transients and assuring true high fidelity output.

**PUSH-PULL BEAM POWER OUTPUT** using a pair of 6L6 power amplifier tubes. Other tubes include 1—6J5 1st voltage amp.; 1—6J5 2nd volt. amp.; 1—6J5 phase inverter; 1—5U4G rect.

**SEPARATE POWER SUPPLY**, as in the tuner to eliminate any possibility of interaction and makes for stable performance.

**OVERSIZE COMPONENTS** for extra heavy duty are used throughout.

### DUAL SPEAKER SYSTEM

To handle the wide frequency response of both radio and phonograph input a special high fidelity dual-speaker system perfectly matched as to frequency range and power handling ability has been devised. The frequency range of the audio amplifier and speaker system is essentially flat to 14,000 cycles which exceeds the limits of present day radio and recording studios. With the popularization of Frequency Modulation this audio amplifier and speaker system will form an ideal unit for use with an F.M. tuner (input terminals provided). Both speakers used are P.M. dynamics, one 12-inch diameter the other, 6-inch especially designed to complement each other.

Naturally with a tuner, amplifier and speaker system of such high caliber only the finest in Automatic Record Changers should be used. That is why the new Garrard, the world's finest precision changers, have been chosen for use in the Lafayette Overture.



**MODEL C-122**—Lafayette 15 tube Overture higher fidelity radio-phonograph combination with Garrard RC-30 Mixer Changer in Mahogany English Regency console, complete with tubes. Size: 34" high, 39" wide, 20 3/4" deep. Shpg. wt. 220 lbs. Code, GELID.

**LIST PRICE \$410.00.**  
**YOUR COST, EACH..... \$245.00**

The Lafayette Overture is also available with a high-fidelity crystal pick-up single record player in place of the automatic changer. Prices upon request.

### MODEL C-123—Tuner Chassis, Amplifier Chassis And Speaker System Only

For those desiring to mount the Lafayette Overture in other cabinets or for other de-luxe installations these units are available separately. The tuner chassis measures 8" high, 14" wide, 12" deep. Amplifier chassis measures 8" high, 14" wide, 11" deep. Speakers are 6" and 12" diameter. Supplied complete with tubes. Code, GEMEL. Shpg. wt. 76 lbs. **LIST PRICE \$200.00.**

**YOUR COST..... \$120.00**

# SENSATIONAL PRICE REDUCTIONS

## FAMOUS CROSLEY PUSH-BUTTON BATTERY RADIOS

ONLY **1/3**

OF THE REGULAR PRICE



**\$16.25**

LESS BATTERIES



**\$7.95**

LESS BATTERIES

**H**ERE'S good news for the rural dweller—for all those who desire modern, high quality radio entertainment where commercial power sources are not available (for farms, summer cottages, etc.). Made by Crosley, world famous manufacturer, the deluxe console pictured above houses a most modern push-button tuning battery radio—and it's being offered at a price that's a tremendous saving over what you'd ordinarily have to pay! Just look at the features outlined here, and you'll know why this is a history making value! Hurry though, for our stocks are LIMITED!

**LATEST 1.4 VOLT TUBES** are used in the powerful superhet circuit; battery drain is exceptionally low so that long battery life is assured. Uses 1B7G, 1P5G, 1N5G, 1H5G and 1Q5G "BEAM POWER" output tube for distortionless performance. Requires one 1 1/2-volt "A" and two 45-volt "B" batteries or a single "A-B" pack.

**PUSH-BUTTON TUNING:** Five "piano key" buttons conveniently placed on the control panel permit instant selection of any one of 5 stations in a jiffy. Mechanical type—nothing to get out of order. Easy to set or re-set at any time.

**8" PM DYNAMIC SPEAKER,** housed in special Crosley "Curviflector" acoustic chamber, provides fine tone quality.

**GOLD ETCHED DIAL,** illuminated slide-rule type, completely calibrated and has call letter designations. All domestic stations are brought in; range 540 to 1725 kilocycles.

**DELUXE CONSOLE:** Built of fine center-matched stump Walnut veneers. Beautifully rounded; high-polish hand-rubbed finish.

**MODEL B5579M**—Crosley Console as described, with tubes. Size: 40" high, 25" wide, 11 1/8" deep. Shpg. wt. 40 lbs.  
**List Price \$49.95**  
**SALE PRICE, Less Batteries..... \$16.25**

**TWO BAND MODEL:** Same as above, but incorporates an additional short-wave band, 5.8 to 18.3 mc (16.4-51.7 meters) to bring in International short-wave, amateur colls, police and aviation signals, etc. Model B5589M.  
**List Price \$54.95**  
**SALE PRICE, Less Batteries..... \$19.25**

**K20145**—Single 1000 hour "A-B" pack for above. Shpg. wt. 28 lbs.  
**YOUR COST..... \$3.65**

**DON'T** buy any battery radio for your farm or summer cottage—till you've seen and heard this beautiful Crosley Push-Button tuning superhet. It's light and compact enough to take along on picnics, too. Only an unusual, special purchase has enabled us to offer a limited quantity at the seemingly miraculous low price quoted—so get your order in NOW. You'll never get more for your radio dollar—as these features show:

**AUTOMATIC TUNING:** Four buttons on the front panel allow you to instantly select any one of your four favorite stations. Buttons are easy to set, and can be re-set any time you want. Manual tuning is provided for too; the calibrated tuning dial, uniquely designed, is controlled from the side of the cabinet. It works in conjunction with the push-button mechanism, so that no matter which tuning system you use, the station in tune is always indicated on the calibrated dial.

**EXTRA SENSITIVITY AND SELECTIVITY** are provided by the high-gain superhet circuit that employs the latest type 1.4 volt low-drain tubes. It uses a 1A7G, 1N5G, 1H5G and 1C5G pentode power output tube. A fine 5" PM speaker insures excellent tone.

**BATTERIES IN CABINET:** the set requires two 45-volt "B" batteries and one 1 1/2-volt "A" battery (plug-in type). All are contained inside the cabinet and are fully concealed.

**MODERN TABLE CABINET:** Built of richly grained highly figured veneers, with curved front of center matched stump walnut and quarter stripe walnut. Goes well with most furnishings.

**MODEL B468A**—Crosley Table Model as described, with tubes. Size: 12 3/4" high, 16" wide, 8 3/4" deep.  
**Shpg. wt. 13 lbs. List Price \$24.50**  
**SALE PRICE, Less Batteries..... \$7.95**

**K20148**—Kit of batteries for above, two 45-volt "B" and one 1 1/2-volt "A". Shpg. wt. 7 lbs. **..... \$2.75**

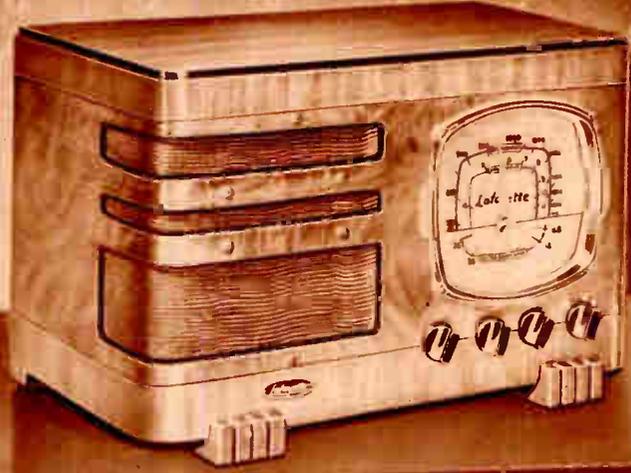


## Lafayette 6 VOLT 3 BAND SUPERHET

Undoubtedly one of the finest radios ever designed for the use of the rural dweller, this excellent 6-tube, 3-band Superheterodyne operates entirely from a SINGLE 6-volt storage battery. And you can keep the battery steadily charged at practically no cost by using one of the wind-driven chargers listed on page 43. Because of the advanced engineering design and low-drain tubes the performance of this fine set equals that of an 8-tube a.c. super. And it is a Lafayette super-value. Features: **TUNING EYE INDICATOR** set in the dial itself aids in needle sharp tuning on both broadcast and short-wave stations.

**THREE TUNING RANGES** cover the domestic broadcast stations from 535-1730 kc (560-173 meters). Two short-wave bands 2.24-7.6 mc (134-39.5 meters) and 7.5-24 mc (40-12.5 meters) include international short-wave, police calls, amateurs and aviation. **POWERFUL SUPERHET CIRCUIT** utilizes following low-drain tubes: 6K8 modulator-oscillator; 6S7 i.f. amp.; 6L5G det. AVC; 6T7G 1st audio; 6G6G power output; 6A8S "eye". **SLANTING SLIDE-RULE DIAL** calibrated in kilocycles and megacycles. Easy to read. **AUTOMATIC VOLUME CONTROL** minimizes fading, maintains constant volume level.

**VARIABLE TONE CONTROL** permits adjustment for various acoustic conditions and to suit individual musical tastes. **6-INCH P.M. DYNAMIC SPEAKER** supplies excellent tone and "console" volume. **DUO-TONED WALNUT CABINET**, beautifully grained, hand-rubbed to fine satin finish. **MODEL E-190** — Lafayette 6-tube, 3-band Superhet for 6-volt storage battery operation, in duo-tone grain Walnut table model cabinet. Complete with tubes. Size: 11" high, 20 3/4" wide, 10 1/2" deep. Code, EDICT. Shpg. wt. 24 lbs. List Price \$59.50.  
**YOUR COST, Singly . . . . . \$31.50**  
**In Lots of 3,**  
**YOUR COST,**  
**EACH . . . . . \$29.95**



WORK ON A SINGLE BATTERY  
READY FOR THE "HIGH LINE"

## Lafayette 6-V. DC OR 110-V. AC SUPER

This Lafayette 7-tube, 4-band, two-way superhet is one of the finest and most versatile radios on the market today. Perfect for use on either a SINGLE 6-volt storage battery or a 110-volt 60 cycle a.c. line, it performs beautifully on either type of current. And its exceptionally wide tuning range includes not only domestic broadcasts, but international short-wave and European long-wave, aviation beacons and weather reports. Our 30-day home-trial offer will give you ample opportunity to check its superiority. Note these features: **ADVANCED SUPERHET CIRCUIT** utilizes these multi-purpose tubes: 1-6K8GT, 1-6K7GT, 1-6Q7GT, 1-6J5GT, 2-6K6GT, 1-6X5GT rectifier.

**FOUR TUNING RANGES** cover 545 to 2000 kc (150 to 550 meters) including domestic broadcast and police and amateur bands; 3.8 to 12 mc (25 to 79 meters) and 11.5 to 37.5 mc (8 to 26 meters) covering international short-wave; 400 to 150 kc (750 to 2000 meters) which includes European long-wave broadcasts, aviation beacons, weather reports, etc. **VARIABLE TONE CONTROL** permits tonal adjustment for rich basses, brilliant highs. **LARGE DYNAMIC SPEAKER** ably handles the full output of the push-pull power stage. **AUTOMATIC VOLUME CONTROL** keeps volume level constant on either type current...

**PUSH-PULL POWER STAGE** for full output on all tuning ranges. **POWER SWITCH** on rear of cabinet for converting to either 6 volts or 110 volts. **AIRPLANE "SPINNER" DIAL** calibrated in kilocycles and megacycles for ease of tuning. **DE LUXE WALNUT VENEER CABINET**. **MODEL MA-3** — Lafayette 7-tube 4-band Super for 6-volt storage battery or 110-volt 60 cycle a.c. complete with tubes. In matched grain duo-tone Walnut. Size: 10" high, 15 1/4" wide, 8 1/2" deep. Code, DELTA. Shpg. wt. 25 lbs. List Price \$49.95.  
**YOUR COST, Singly . . . . . \$29.95**  
**In Lots of 3,**  
**YOUR COST,**  
**EACH . . . . . \$28.95**  
 For 220-volt 50/60 cycles a.c., add . . . . . \$2.50

ALL LAFAYETTE Radios are R.C.A. and Hazeltine Licensed.



## Lafayette 7-TUBE DELUXE AUTO RADIO

Get the ultimate in car radio reception by installing this latest 1941 "Big 7" superhet! All the modern circuit refinements found in the better home radios are incorporated in its design so that you get unparalleled entertainment on the road. R.F. stage, 3-gang tuning condenser, full tone control, antenna matching circuit, powerful a.v.c.—all these, and more, make this set peerless among auto radios. **EXTRA SENSITIVITY** is provided by the R.F. amplifier; it strengthens the station signals, yet rejects unwanted interference! This costly feature is but part of the powerful superhet circuit that uses the following tubes:

6SK7 r.f. amplifier; 6SA7 modulator; 6SK7 i.f. amplifier; 6SQ7 A.V.C., detector and first audio; 6J5GT driver amplifier; 6K6GT power output; 6X5GT power rectifier. More than ample volume for all conditions is provided, and the quality of tone is equivalent to that afforded by the better home radios (due greatly to the fine 6" dynamic speaker).

**FULL TONE CONTROL:** the operator can adjust the bass or treble response by merely turning the conveniently located tone control. Any standard type auto antenna can be used. An antenna padder adjusts the antenna exactly to match the input of the radio.

Full installation instructions are included with each receiver. Generator and ammeter condensers and a distributor suppressor are also furnished for use where required. Remote control cables and tuning dial assembly are furnished; panel plates and knobs to match your car must be ordered separately.

**MODEL D-134** — Complete with all tubes, accessories and instructions. Size: 11 $\frac{3}{4}$ " wide, 6 $\frac{3}{4}$ " deep, 6 $\frac{1}{2}$ " high. Shpg. wt. 17 lbs. Code, WASTE. LIST PRICE \$44.50.

**YOUR COST, Singly** . . . . . \$23.95

In Lots of 3, **YOUR COST,** **\$22.95**

**EACH** . . . . . Tailor-made control plate to match your car (specify make, model, year) . . . . . 95c



## Lafayette 5-TUBE PUSH BUTTON SUPERHET

Looking for the best value in a low priced auto radio? Then here's the set for you. This fine superhet car radio provides excellent performance no matter where your travels take you—and its convenient tuning facilities insure **SAFETY** at all times. Examine the features outlined below, and you'll be sure to add real "home" entertainment to your itinerary. **PUSH-BUTTON TUNING:** The easiest and the safest way to tune in your favorite stations while traveling! Just press any one of the four panel buttons to get the program you want—without taking your eyes from the road. Regular tuning for other stations is also pro-

vided for, of course; the calibrated dial is conveniently located on the front panel assembly.

**SUPERHET CIRCUIT:** provides more than ample volume, with clarity of tone that will please you. The tubes used are: 6SA7 converter, 6SK7 i.f. amplifier, 6SQ7 detector, A.V.C. and first audio, 6K6G power output and 6X5G power rectifier. A matched speaker, baffled correctly in the sloping panel, affords fine tone quality that is free from distortion. Tuning range covers the standard domestic broadcast range. The entire assembly is housed in a pressed steel case with ripple lacquer finish.

**EASY TO INSTALL:** much of the popularity of this model is due to the fact that it's the easiest to install. You need drill only two holes in the dashboard and attach the mounting strap at the rear in order to mount the set securely. Then, a simple ammeter connection and another to the aerial complete the installation. Generator and ammeter condensers, and a distributor suppressor are supplied.

**MODEL FE-32** — Complete with all tubes, accessories and instructions. Size: 5 $\frac{7}{8}$ " high, 6 $\frac{1}{2}$ " wide, 12" deep overall. Shpg. wt. 15 lbs. Code HAKIM. List \$25.00.

**YOUR COST, Singly** . . . . . \$14.95

In Lots of 3, **YOUR COST,** **\$14.25**

**EACH** . . . . .



# LAFAYETTE

# RADIO TUBES

## LAFAYETTE G-SERIES TUBES

Type	List	NET PRICES		Type	List	NET PRICES	
		1-14	15-Up			1-14	15-Up
0Z4G	\$1.25	\$0.58	\$0.52	6F8G	\$1.25	\$0.55	\$0.49
1B7G	1.25	.62	.56	6G6G	1.25	.58	.52
1C7G	1.25	.54	.48	6J5G	.80	.36	.32
1D5G	1.25	.55	.49	6R8G	1.60	.75	.67
1D7G	1.25	.58	.52	6K5G	.80	.36	.32
1E4G	1.25	.58	.52	6K7G	1.00	.36	.32
1E5G	1.25	.58	.52	6R8G	1.25	.58	.52
1E7G	2.10	.85	.76	6L5G	1.00	.48	.43
1F5G	1.25	.54	.48	6L6G	1.60	.72	.64
1F7G	1.60	.72	.64	6L7G	1.25	.55	.49
1G5G	1.25	.58	.52	6N6G	2.10	.68	.61
1H4G	.80	.36	.32	6N7G	1.25	.54	.48
1H6G	1.00	.48	.43	6P7G	2.10	.90	.81
1J5G	1.60	.70	.63	6Q7G	.70	.32	.28
1J6G	1.25	.54	.48	6R7G	.80	.36	.32
1N6G	1.25	.62	.56	6S7G	1.25	.55	.49
5U4G	1.00	.40	.36	6T7G	1.25	.52	.47
5V4G	1.60	.72	.64	6U7G	.80	.36	.32
5X4G	1.00	.40	.36	6V6G	1.00	.45	.40
5Y3G	.60	.26	.23	6V7G	1.25	.60	.54
5Y4G	.60	.25	.23	6W5G	1.25	.68	.61
6AC5G	1.00	.48	.43	6W7G	1.25	.58	.52
6A5G	2.70	.83	.75	6X5G	1.00	.40	.36
6A8G	.80	.36	.32	6Y8G	1.60	.58	.52
6AE8G	1.25	.45	.40	6Y7G	1.60	.70	.63
6AF6G	1.25	.58	.52	6Z7G	1.60	.72	.64
6B4G	1.60	.75	.67	6ZY5G	1.00	.48	.43
6B8G	1.25	.55	.49	25B6G	1.60	.52	.47
6C8G	1.25	.54	.48	25L6G	1.25	.48	.43
6D8G	1.25	.58	.52	25N6G	1.60	.70	.63
6F6G	.80	.36	.32	25Z6G	.80	.36	.32

## SIX MONTHS GUARANTEE . . .

Lafayette tubes are guaranteed for six months from date of purchase (burnouts and broken tubes are not replaceable).

## LAFAYETTE GLASS TUBES

Type	List	NET PRICES		Type	List	NET PRICES	
		1-14	15-Up			1-14	15-Up
01A	\$0.80	\$0.27	\$0.24	30	\$0.80	\$0.36	\$0.32
1A4	1.25	.56	.50	31	.80	.36	.32
1A6	1.25	.54	.48	32	1.25	.54	.48
1B4	1.25	.58	.52	33	1.25	.54	.48
1B5	1.00	.45	.40	34	1.25	.55	.49
1C6	1.25	.54	.48	35	.80	.36	.32
1F4	1.00	.48	.43	36	.80	.36	.32
1F6	1.60	.72	.64	37	.70	.32	.28
1-v	.80	.36	.32	38	1.00	.44	.40
2A3	2.10	.69	.62	39	.80	.36	.32
2A5	.80	.36	.32	40	.80	.36	.32
2A6	.80	.36	.32	41	.70	.32	.28
2A7	1.00	.44	.40	42	.70	.32	.28
2B7	1.25	.58	.52	43	1.00	.44	.40
2E5	1.25	.58	.52	45	.70	.32	.28
2G5	1.25	.58	.52	46	1.00	.45	.40
5Z3	.80	.36	.32	47	1.00	.45	.40
6A3	2.10	.68	.61	48	2.70	1.25	1.12
6A4	1.25	.58	.52	49	1.00	.45	.40
6A6	1.25	.54	.48	50	2.10	.98	.88
6A7	.80	.36	.32	53	1.25	.58	.52
6AB5	1.60	.57	.51	55	1.00	.48	.43
6B5	2.10	.65	.58	56	.70	.32	.28
6B7	1.25	.55	.49	57	.80	.36	.32
6C6	.80	.36	.32	58	.80	.36	.32
6D6	.80	.36	.32	59	1.60	.72	.64
6F7	1.25	.55	.49	71A	.80	.36	.32
6G5	.75	.32	.28	75	.70	.32	.28
6U5	1.00	.45	.40	76	.70	.32	.28
6G7	2.10	.68	.61	77	.80	.36	.32
6N5	1.60	.57	.51	78	.80	.36	.32
6T5	1.25	.54	.49	79	1.25	.58	.52
6U5	1.00	.45	.40	80	.60	.26	.23
6Y5	2.10	.90	.81	81	1.60	.72	.64
6Z5	2.10	.58	.52	82	1.00	.42	.38
10	2.70	.95	.85	83	1.00	.45	.40
12A	.80	.38	.34	83V	1.60	.68	.61
12A5	2.10	.98	.88	84	1.00	.45	.40
12A7	1.60	.72	.64	6Z4	1.00	.45	.40
12Z3	.80	.36	.32	85	.80	.36	.32
19	1.25	.54	.48	89	.80	.36	.32
24A	.80	.36	.32	V99	2.70	.60	.54
25B5	1.25	.54	.48	X99	2.70	.60	.54
25Z5	.80	.36	.32	183	1.60	.88	.79
26	.60	.27	.24	485	1.60	.80	.72
27	.60	.27	.24				

## LAFAYETTE "GT" SERIES TUBES

Type	List	NET PRICES		Type	List	NET PRICES	
		1-14	15-Up			1-14	15-Up
1A5GT	\$1.00	\$0.48	\$0.43	6SK7GT	\$1.00	\$0.40	\$0.36
1A7GT	1.25	.54	.48	6SQ7GT	1.00	.45	.40
1C5GT	1.25	.62	.56	6T7GT	1.60	.65	.58
1D8GT	2.10	.95	.85	6V6GT	1.00	.45	.40
1G4GT	1.60	.54	.49	6X5GT	1.00	.48	.43
1G6GT	1.60	.62	.56	12A8GT	1.00	.45	.40
1H5GT	1.00	.45	.40	12B8GT	1.60	.75	.67
1N5GT	1.25	.54	.48	12E5GT	1.00	.42	.38
1N6GT	1.60	.58	.52	12F5GT	.80	.36	.32
1P5GT	1.25	.58	.52	12J5GT	.80	.38	.34
1Q5GT	1.25	.58	.52	12J7GT	1.00	.48	.43
1T5GT	1.25	.58	.52	12K7GT	1.00	.39	.35
2W3GT	1.25	.36	.32	12Q7GT	.80	.35	.31
3A5GT	1.60	.75	.67	12S4GT	1.25	.58	.52
3A8GT	2.10	.95	.85	12SF5GT	1.00	.48	.43
3C5GT	1.60	.75	.67	12SJ7GT	1.00	.50	.45
3Q5GT	1.60	.65	.58	12SK7GT	1.00	.48	.43
5W4GT	1.00	.48	.43	12SQ7GT	1.00	.48	.43
6AC5GT	1.00	.50	.45	25A5GT	1.60	.75	.67
6AE5GT	1.60	.75	.67	25A6GT	1.00	.54	.49
6A8GT	.80	.45	.40	25A7GT	1.60	.70	.63
6C5GT	.80	.43	.39	25B8GT	2.10	.75	.67
6F5GT	.80	.38	.34	25D8GT	1.60	.75	.67
6H4GT	1.60	.75	.67	25L6GT	1.00	.45	.40
6H6GT	1.00	.50	.45	25X6GT	.80	.43	.39
6J5GT	.80	.35	.31	25Z6GT	.80	.36	.32
6K7GT	1.00	.45	.40	32L7GT	1.60	.75	.67
6S5GT	.80	.43	.39	35L6GT	1.00	.41	.37
6K6GT	1.00	.38	.34	35Z4GT	.70	.32	.28
6K7GT	1.00	.39	.35	35Z5GT	.80	.35	.31
6K8GT	1.25	.58	.52	45Z5GT	1.25	.41	.37
6P5GT	.70	.36	.32	50L6GT	1.25	.41	.37
6Q7GT	.70	.35	.31	70L7GT	1.60	.75	.67
6R7GT	.80	.43	.39	70A7GT	2.10	.75	.67
6SA7GT	1.00	.52	.47	117L7GT	2.10	.75	.67
6SF7GT	1.00	.48	.43	117N7GT	2.10	.75	.67
6SJ7GT	1.00	.45	.40	117Z6GT	1.25	.68	.61

## LAFAYETTE ALL-METAL TUBES

Type	List	NET PRICES		Type	List	NET PRICES	
		1-14	15-Up			1-14	15-Up
5T4	\$1.60	\$0.75	\$0.67	6L6	\$1.60	\$0.72	\$0.64
5W4	1.00	.45	.40	6L7	1.25	.55	.49
5Z4	1.25	.54	.48	6N7	1.25	.55	.49
6A8	1.25	.54	.48	6Q7	1.00	.45	.40
6B8	1.60	.62	.56	6R7	1.25	.55	.49
6C5	1.00	.45	.40	6S7	1.25	.55	.49
6F5	1.00	.45	.40	6SC7	1.25	.54	.48
6F6	1.00	.45	.40	6V6	1.60	.72	.64
6H6	1.00	.45	.40	6X5	1.60	.65	.58
6J5	1.00	.45	.40	12SC7	1.25	.55	.49
6J7	1.00	.45	.40	25A6	1.60	.72	.64
6K7	1.00	.45	.40	25L6	1.25	.55	.49
6K8	1.25	.55	.49	25Z6	1.25	.55	.49

## LAFAYETTE LOCK-PIN TUBES

Type	List	NET PRICES		Type	List	NET PRICES	
		1-14	15-Up			1-14	15-Up
1LA4	\$2.10	\$0.90	\$0.81	7C5	\$1.25	\$0.65	\$0.58
1LA6	2.10	.90	.81	7C6	1.25	.65	.58
1LH4	2.10	.90	.81	7C7	1.25	.65	.58
1LN5	2.10	.90	.81	7E6	1.25	.65	.58
7A4	1.25	.65	.58	7E7	1.60	.75	.67
7A5	1.25	.65	.58	7F7	1.60	.75	.67
7A6	1.25	.65	.58	7G7	2.10	.95	.85
7A7	1.25	.65	.58	1232	2.10	.95	.85
7A8	1.25	.65	.58	7J7	2.10	.95	.85
7B5	1.25	.65	.58	7Q7	1.25	.48	.43
7B6	1.25	.65	.58	7Y4	1.25	.65	.58
7B7	1.25	.65	.58	35A5	1.25	.65	.58
7B8	1.25	.65	.58	35Z3	1.25	.65	.58



## NEW MINIATURE TUBES

Type	List	1-14	15-Up
1B5 (Pentagrid Conv.)	\$1.60	\$0.72	\$0.64
1S4 (Pow. Amp. Pentode)	1.60	.72	.64
1S5 (Diode Pentode)	1.60	.72	.64
1T4 (Super-Cont. Pent.)	1.60	.72	.64

FREE! LAFAYETTE LOG BOOK WITH EVERY PURCHASE OF LAFAYETTE TUBES (ASK FOR IT)

# RCA

6 months guarantee . . .

RCA Radiotrons are guaranteed to give efficient satisfactory service for a period of six months from the date of purchase. We will immediately replace any tube that does not give complete satisfaction—burned out or broken tubes, however, are not replaceable.

Service Engineers Pencils



Automatic "Resistor Guide" pencil (top)—just rotate the colored bands to correspond with the unknown resistor, and you find its value in a jiffy. Red plastic barrel, non-metallic screwdriver in cap.  
**K21913—EACH . . . . . \$1.50**

FREE with purchases of 75 RCA Radiotrons.

Deluxe Model (bottom). Simulated pearl barrel. Three different colored leads (red, blue and black) available by means of shift levers. With leads.  
**K23009—EACH . . . . . \$2.00**

FREE with 100 RCA Radiotrons.

Imprinted Tube Stickers

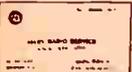


A handy way of recording the condition of your customers' tubes. For glass and metal tubes.

Will not char on metal tubes. In rolls of 200.  
**K21915—NET . . . . . \$1.00**

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Calling Cards

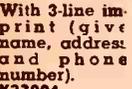


Imprinted with your name, address and phone number (give details).

**K23005—500 For . . . . . \$1.00**

FREE with 50 RCA Radiotrons.

Not Home Cards



With 3-line imprint (give name, address and phone number).  
**K23004—500 For . . . . . \$1.00**

FREE with 35 RCA Radiotrons.

Repair Tickets



Show exactly the work done on each repair job. Imprinted (give name, address and phone number).  
**K23006—300 For . . . . . \$5.00**

FREE with purchases of 40 RCA Radiotrons.

## RCA RADIOTRON GLASS TUBES

Type	List	NET PRICES		Type	List	NET PRICES		Type	List	NET PRICES	
		1-14	15-Up			1-14	15-Up			1-14	15-Up
1A4P	\$1.25	\$0.67	\$0.62	6E5	\$1.00	\$0.54	\$0.50	46	\$1.00	\$0.54	\$0.50
1A6	1.25	.67	.62	6F7	1.25	.67	.62	47	1.00	.54	.50
1B4P	1.25	.67	.62	6N5	1.60	.86	.80	48	2.70	1.46	1.35
1B5	1.00	.54	.50	6U5	1.00	.54	.50	49	1.00	.54	.50
25S				50				2.10	1.13	1.05	
1C6	1.25	.67	.62	10	2.70	1.46	1.35	53	1.25	.67	.62
1F4	1.00	.54	.50	12A7	1.60	.86	.80	55	1.00	.54	.50
1F6	1.60	.86	.80	12Z3	.80	.43	.40	56	.70	.38	.35
1R5	1.60	.86	.80	15	1.60	.86	.80	57	.80	.43	.40
1S4	1.60	.86	.80	19	1.25	.67	.62	58	.80	.43	.40
1S5	1.60	.86	.80	24A	.80	.43	.40	59	1.60	.86	.80
1T4	1.60	.86	.80	25Z5	.80	.43	.40	71A	.80	.43	.40
1V	.80	.43	.40	26	.60	.32	.30	75	.70	.38	.35
2A3	2.10	1.13	1.05	27	.60	.32	.30	76	.70	.38	.35
2A5	.80	.43	.40	30	.80	.43	.40	77	.80	.43	.40
2A6	.80	.43	.40	31	.80	.43	.40	78	.80	.43	.40
2A7	1.00	.54	.50	32	1.25	.67	.62	79	1.25	.67	.62
2B7	1.25	.67	.62	33	1.25	.67	.62	80	.60	.32	.30
5Z3	.80	.43	.40	34	1.25	.67	.62	81	1.60	.86	.80
6A4	1.25	.67	.62	35	.80	.43	.40	82	1.00	.54	.50
LA				36	.80	.43	.40	83	1.00	.54	.50
6A6	1.25	.67	.62	37	.70	.38	.35	84	1.00	.54	.50
6A7	.80	.43	.40	38	1.00	.54	.50	83V			
6AB5	1.60	.86	.80	39	.80	.43	.40	85	.80	.43	.40
6N5				44				.80	.43	.40	89
6B5	2.10	1.13	1.05	41	.70	.38	.35	VR105-30	1.25		
6B7	1.25	.67	.62	42	.70	.38	.35	VR150-30	1.25		
6C6	.80	.43	.40	43	1.00	.54	.50	879	2.70	1.46	1.35
6D6	.80	.43	.40	45	.70	.38	.35				

## RCA RADIOTRON "GT" SERIES TUBES

Type	List	NET PRICES		Type	List	NET PRICES		Type	List	NET PRICES	
		1-14	15-Up			1-14	15-Up			1-14	15-Up
1A7GT	\$1.25	\$0.67	\$0.62	6J5GT	\$0.80	\$0.43	\$0.40	25AC5GT	\$1.60	\$0.86	\$0.80
1CSGT	1.25	.67	.62	6J7GT	1.00	.54	.50	25L6GT	1.00	.54	.50
1D8GT	2.10	1.13	1.05	6K6GT	1.00	.54	.50	25Z6GT	.80	.43	.40
1H5GT	1.00	.54	.50	6K7GT	1.00	.54	.50	35L6GT	1.00	.54	.50
1NSGT	1.25	.67	.62	6Q7GT	.80	.43	.40	35Z4GT	.70	.38	.35
1P5GT	1.25	.67	.62	6V6GT	1.00	.54	.50	35Z5GT	.80	.43	.40
1Q5GT	1.25	.67	.62	6X5GT	1.00	.54	.50	45Z5GT	1.00	.54	.50
1T5GT	1.25	.67	.62	12A8GT	1.00	.54	.50	50Y6GT	1.00	.54	.50
3A8GT	2.10	1.13	1.05	12F5GT	.80	.43	.40	50L6GT	1.25	.67	.62
3Q5GT	1.60	.86	.80	12J5GT	.80	.43	.40	70L7GT	2.10	1.13	1.05
6A8GT	1.00	.54	.50	12J7GT	1.00	.54	.50	117N7GT	2.10	1.13	1.05
6AE5GT	1.60	.86	.80	12K7GT	1.00	.54	.50	117Z6GT	1.60	.86	.80
6F5GT	.80	.43	.40	12Q7GT	.80	.43	.40				

FREE! Tube Price Cards

An up-to-date price list for your tube stock. Complete for all new and old types. Free on request.

WRITE FOR CATALOG

A catalog showing all materials offered FREE with purchases of quantities of RCA Radiotrons will be sent on request.

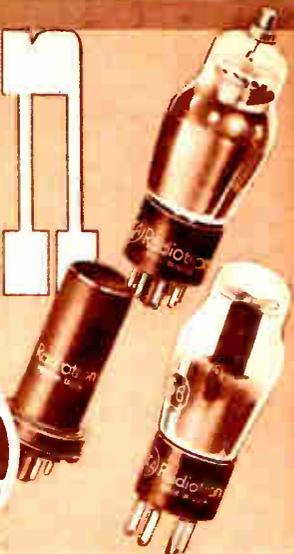
FREE! Decalcomanias

A brilliant 3-color "RCA" decalcomania that makes a distinctive identification mark. Free on request.

# RADIOTRON

## THE GREATEST NAME IN RADIO TUBES

**RADIO CORPORATION  
OF AMERICA**



quantity purchases . . .

dealers and servicemen will find it profitable to purchase tubes in quantities of 25 or more. As shown in the listings on these pages, the difference between the "1 to 24" and the "25-Up" prices is appreciable. Take advantage of this "saving" opportunity.

### RCA RADIOTRON "G" SERIES TUBES

Type	List	NET PRICES		Type	List	NET PRICES		Type	List	NET PRICES	
		1-14	15-Up			1-14	15-Up			1-14	15-Up
0A4G	\$1.60	\$0.86	\$0.80	5X4G	\$1.00	\$0.54	\$0.50	6L5G	\$1.00	\$0.54	\$0.50
0Z4G	1.25	.67	.62	5Y3G	.60	.32	.30	6L6G	1.60	.86	.80
1A5G	1.25	.67	.62	5Y4G	.60	.32	.30	6L7G	1.25	.67	.62
1A7G	1.25	.67	.62	6A8G	.80	.43	.40	6N6G	2.10	1.13	1.05
1C5G	1.25	.67	.62	6AC5G	1.00	.54	.50	6N7G	1.25	.67	.62
1C7G	1.25	.67	.62	6AD7G	1.25	.67	.62	6P5G	.70	.38	.35
1D5GP	1.25	.67	.62	6AE6G	1.25	.67	.62	6Q7G	.70	.38	.35
1D7G	1.25	.67	.62	6AF6G	1.25	.67	.62	6R7G	.80	.43	.40
1E5GP	1.25	.67	.62	6B6G	1.00	.54	.50	6S7G	1.25	.67	.62
1E7G	2.10	1.13	1.05	6B8G	1.25	.67	.62	6T7G	1.25	.67	.62
1F5G	1.25	.67	.62	6C5G	.80	.43	.40	6U7G	.80	.43	.40
1F7GV	1.60	.86	.80	6C8G	1.25	.67	.62	6V6G	1.00	.54	.50
1G4G	1.00	.54	.50	6D8G	1.25	.67	.62	6W7G	1.25	.67	.62
1G5G	1.25	.67	.62	6F5G	.80	.43	.40	6X5G	1.00	.54	.50
1G6G	1.25	.67	.62	6F6G	.80	.43	.40	6Y6G	1.60	.86	.80
1H4G	.80	.43	.40	6F8G	1.25	.67	.62	6Y7G	1.60	.86	.80
1H5G	1.00	.54	.50	6G6G	1.25	.67	.62	6Z7G	1.60	.86	.80
1H6G	1.00	.54	.50	6H6G	1.00	.54	.50	6ZY5G	1.00	.54	.50
1J6G	1.25	.67	.62	6J5G	.80	.43	.40	25A6G	1.00	.54	.50
1N5G	1.25	.67	.62	6J7G	.80	.43	.40	25A7G	1.60	.86	.80
2A4G	2.10	1.13	1.05	6K5G	.80	.43	.40	25B6G	1.60	.86	.80
5U4G	1.00	.54	.50	6K6G	.80	.43	.40	25L6G	1.25	.67	.62
5V4G	1.60	.86	.80	6K7G	.80	.43	.40	25Z6G	.80	.43	.40

### Illuminated Clock

Beautiful electric clock with 20" diameter dial. Indirectly lit by two 30-watt lamps. Complete with metal wall hanger. Has self-starting Sessions motor.



**K23008—EACH . . . \$10.00**  
FREE with 500 RCA Radiotrons.

### Tap Machine



For quick, clean wrapping. Durable. With 5 rolls of un-imprinted tape.  
**K23001—EACH . . . \$4.00**  
FREE with 200 RCA Radiotrons.

### Package Tape



1 1/2" wide. Imprinted (give name, address, phone).  
**K23007—**  
10 Rolls For . . . . . **\$5.00**  
FREE with 250 RCA Radiotrons.

### Personal Stamp and Pad



Stamp has 4-line imprint (give name, address and phone) and RCA monogram.  
**K23002—With Pad . . . \$1.00**  
FREE with 50 RCA Radiotrons.

### Personal Billheads



Very useful. Complete with three line imprint (give name, address and phone).  
**K23003—**  
500 For . . . . . **\$1.00**  
FREE with 50 RCA Radiotrons.

### RCA RADIOTRON METAL TYPE TUBES

Type	List	NET PRICES		Type	List	NET PRICES		Type	List	NET PRICES	
		1-14	15-Up			1-14	15-Up			1-14	15-Up
0Z4	\$1.60	\$0.86	\$0.80	6K7	\$1.00	\$0.54	\$0.50	12C8	\$1.60	\$0.86	\$0.80
5T4	1.60	.86	.80	6K8	1.25	.67	.62	12K8	1.25	.67	.62
5W4	1.00	.54	.50	6L6	1.60	.86	.80	12SA7	1.25	.67	.62
5Z4	1.25	.67	.62	6L7	1.25	.67	.62	12SC7	1.25	.67	.62
6A8	1.25	.67	.62	6N7	1.25	.67	.62	12SF5	1.00	.54	.50
6AB7	2.70	1.46	1.35	6Q7	1.00	.54	.50	12SJ7	1.00	.54	.50
1853				6R7	1.25	.67	.62	12SK7	1.00	.54	.50
6AC7				6S7	1.25	.67	.62	12SQ7	1.00	.54	.50
1852	2.70	1.46	1.35	6SA7	1.00	.54	.50	12SR7	1.00	.54	.50
6AG7				6SC7	1.25	.67	.62	25A6	1.60	.86	.80
6B8	1.60	.86	.80	6SF5	1.00	.54	.50	25L6	1.25	.67	.62
6C5	1.00	.54	.50	6SJ7	1.00	.54	.50	25Z6	1.25	.67	.62
6F5	1.00	.54	.50	6SK7	1.00	.54	.50	1621	...	2.50	...
6F6	1.00	.54	.50	6SQ7	1.00	.54	.50	1622	...	2.75	...
6H6	1.00	.54	.50	6SR7	1.00	.54	.50	1851	...	2.10	...
6J5	1.00	.54	.50	6V6	1.60	.86	.80	1852	2.70	1.46	1.35
6J7	1.00	.54	.50	6X5	1.60	.86	.80	1853	2.70	1.46	1.35

### RCA RADIOTRON "LOCK-PIN" TUBES

Type	List	NET PRICES		Type	List	NET PRICES		Type	List	NET PRICES	
		1-14	15-Up			1-14	15-Up			1-14	15-Up
7A6	\$1.25	\$0.67	\$0.62	7B6	\$1.25	\$0.67	\$0.62	7C6	\$1.25	\$0.67	\$0.62
7A7	1.25	.67	.62	7B7	1.25	.67	.62	7C7	1.25	.67	.62
7A8	1.25	.67	.62	7B8	1.25	.67	.62	7Y4	1.25	.67	.62
7B5	1.25	.67	.62	7C5	1.25	.67	.62	35A5	1.25	.67	.62
								35Z3	1.25	.67	.62

## PORTABLE RECORD CHANGERS



### DeLuxe Mixer-Changer

- Built-in Power Amplifier
- Built-in "Mystery" Oscillator

Here's a highly efficient, amazingly versatile outfit—and at a real low price! It incorporates an automatic mixer changer, power amplifier, "mystery" oscillator and a loud speaker. You can use it as a standard record player through the built-in speaker or, at the flip of a switch, turn on the "mystery" oscillator and play records through any nearby radio without making ANY connections. The mixer changer plays twelve 10" or ten 12" records intermixed, in any order without interruption; records can be played manually if desired. An offset head crystal pick-up provides fine tone quality. The power amplifier employs two high gain multi-function tubes; output feeds into a matched 6" PM speaker. Volume control and switch and full TONE CONTROL on panel. "Mystery" switch changes from amplifier to "Mystery" oscillator. In beautiful walnut finished case 18 1/2" x 15 3/4" x 10 7/8". For 110 volts, 60 cycles a.c. only. Shpg. wt. 40 lbs.

**K22373—YOUR COST, With Tubes..... \$34.95**

Like above, but less amplifier, oscillator and speaker. Automatic changer (does not play mixed records) plays ten 12" or twelve 10" records. Walnut case 16 5/8" x 15 5/8" x 8 1/2". Shpg. wt. 24 lbs.

**K22375—YOUR COST..... \$25.35**

### Automatic Record Changer and Built-In Amplifier

Here's a precision built, versatile outfit that's an outstanding value at the low price quoted! It comprises the following:

**Automatic Record Changer:** plays fourteen 10" or ten 12" records without interruption. Gravity type with two post suspension. Has reject knob. Plays commercial records of all types.

**Motor:** rim driven, synchronous type. Constant speed, 78 r.p.m. Self-starting. Air cooled. For 118 volts, 60 cycles a.c. With 9" dia. flocked turntable.

**Crystal Pick-Up:** lightweight type with balanced curved tone arm. Provides fine quality of reproduction.

**Power Amplifier:** high gain type, providing almost 2-watts of undistorted output. Controls, conveniently located, include volume control and on-off switch, and a full range variable tone control for emphasizing bass or treble notes and to minimize needle scratch or surface noise.

**Speaker:** 6 1/2" high efficiency PM type with transformer to match amplifier output.

**Case:** built of fine Sycamore wood with golden brown finish. Size: 12 1/4" high, 14 1/2" wide, 14 1/2" deep. Shpg. wt. 24 lbs.

**K22367—Complete with tubes, ready to operate. For 110 volts, 60 cycles a.c. only.**

**YOUR COST EACH..... \$27.50**

### Portable Record Player Automatic Mixer Changer

Ideal outfit for use at dances, parties, etc.; for operation through any good amplifier and speaker system or through a radio set. Comprises a modern, easy-to-operate high quality record changer housed in a portable carrying case. The automatic mixer changer plays twelve 10" or ten 12" records—intermixed, in any order—without attention. Any thickness commercial records can be used. Records can be played manually if desired, and any record can be rejected at will. The pick-up is a featherweight crystal unit with that affords excellent tone quality. Pick-up cable (shielded) attached. Portable case covered with fine Spanish brown leatherette, measures 15 1/2" x 8 1/2". Shpg. wt. 22 lbs.

**K22376—YOUR COST..... \$24.35**

**With Amplifier and "Mystery" Osc.**

Like above, but has built-in 2-tube high gain amplifier and 6" high quality PM speaker; makes the outfit an entirely self-contained record player. Amplifier has volume and TONE controls. Also incorporates a built-in "mystery" oscillator that permits playing records through any nearby radio receiver—without ANY connections. Simple switch for changing from amplifier to "mystery" oscillator. Case size: 17 x 20 x 11 1/2". Shpg. wt. 38 lbs.

**K22377—YOUR COST, With Tubes..... \$33.75**

### Record Player Table

Especially designed to hold a record player (on top) and to store 120 individual records or eight 12-pocket albums. Top is large enough for placement of any standard record player or small combination radio-phonograph. Sturdily constructed of beautifully finished Walnut with hand rubbed high polish. Proportioned so that record player will be at a convenient height for easy operation. Overall dimensions are: 24 1/2" high, 20" wide and 15" deep. The albums shown are not included. Shpg. wt. 33 lbs.

**Model 903. Cabinet Only. YOUR COST EACH..... \$6.25**

**Also available in Mahogany finish at same price. Specify on order.**

### DeLuxe Album Cabinet

A handsomely designed two-shell album cabinet with beautiful Walnut finish. Top is broad enough for placement of any standard player or small phono-radio combination. Ample storage space is provided—holds 240 individual records or sixteen 12-pocket albums. Overall dimensions are: 31" high, 19 1/4" wide and 14 3/4" deep. Short legs have curved supports. This fine piece of furniture will go well with almost any type of room furnishings. Albums shown are not included with table (see page 82 for listing). Shpg. wt. 37 lbs.

**Model 1035. Cabinet Only. YOUR COST..... \$9.95**

**Also available in Mahogany finish at same price. Specify on order.**

## PORTABLE RECORD PLAYERS

- Built-in Power Amplifier
- Built-in "Mystery" Oscillator

Highly efficient portable instruments that can be used as conventional type record players for direct connection to any radio or, at the flip of a switch, can be made to operate as "mystery" players—No Connections. Each outfit comprises: rim-driven 78 r.p.m. constant speed motor with felt-covered turntable; play both 10" and 12" records; offset head wide range Crystal Pick-up; 3-Tube Amplifier, high gain type, with volume control and switch and full range tone control; needle cup on panel; Standard model uses a fine Permanent magnet type speaker; DeLuxe model incorporates a 8 1/2" Electro-Dynamic Speaker, plus an Automatic Stop Switch. Both models operate on 110 volts, 60 cycles a.c. only.

### DeLuxe Portable Electric Record Player

In sturdy portable case with fine Airplane cloth covering. Has record compartment in top cover. Snap locks on side. Size: 14 1/2" wide, 16 1/4" deep, 8 3/4" high. Shpg. wt. 15 lbs.

**K21874—YOUR COST, Complete With Tubes..... \$19.95**

### Standard Portable Electric Record Player

In strong portable case with brown leatherette covering. Has 4" Speaker. Has two snap locks and strong carrying handle. Size: 14 1/2" wide, 13 1/2" deep, 7 1/4" high. Shpg. wt. 11 lbs.

**K21875—YOUR COST, Complete With Tubes..... \$15.95**



# Lafayette electric record players



## DeLuxe "Mystery" Player

The finest wireless record player on the market today! Unsurpassed in tonal quality and design features. Furnished with the famous Shure Crystal Pick-up that provides high fidelity reproduction. Has world renowned Garrard governor controlled motor, complete with automatic stop and speed regulator. The oscillator employs three tubes instead of the usual two. There are No Connections to make other than to the a.c. line. Volume control and switch located on the panel; separate jack for microphone connection. Housed in Genuine Walnut case. 15 1/2" wide, 13 1/4" deep, 7 1/4" high.

**K21872**—DeLuxe "Mystery" Player with tubes. For 110 volts, 60 cycles a.c. only. Shpg. wt. 22 lbs.

**YOUR COST**..... **\$24.50**  
**K13723**—Good quality hand microphone for use with above.  
**YOUR COST**..... **\$2.69**

## Standard "Mystery" Model

An efficient "wireless" record player that plays your records through any radio, regardless of make or age. No Connections to make, other than to a.c. line. Incorporates a built-in two-tube "transmitter". Has high fidelity tangent arm Astatic Crystal Pick-up. Powerful constant speed motor (78 r.p.m.) is supplied with a 9" turntable. Plays both 10" and 12" records. Volume control and switch on panel. Housed in Genuine Walnut Case measuring 15 1/2" wide, 13 1/4" deep, 7 1/4" high. Shpg. wt. 17 lbs.

**K21871**—Lafayette Standard "Mystery" Player with tubes. Ready to operate. For 110 volts, 60 cycles a.c.

**YOUR COST**..... **\$15.25**  
**Portable Model:** Same as above, but housed in attractive leatherette covered portable case 7x15 1/4x13 1/2" deep.  
**K21873**—**YOUR COST**..... **\$14.25**

## Home Record Players

Can be attached to any radio. All utilize high fidelity Crystal Pick-up with true-tracking offset head. High quality self-starting motor is furnished with a 10" turntable and an automatic stop switch. Volume control and switch and needle cup on the panel. In Genuine Walnut case 15 1/2" x 13 1/4" x 7 1/4" high. Both 10" and 12" records can be played. For 110 volts, 60 cycles a.c. Shpg. wt. 18 lbs.

**K21860**—**YOUR COST**..... **\$15.25**  
 Same as above, but with Shure "Zephyr" crystal pick-up and Garrard motor with 12" turntable. Wt. 19 lbs.

**K21861**—**YOUR COST**..... **\$19.95**  
**A.C.-D.C. Model:** Like K21861 above, but with Garrard Universal motor. For 110/130, 200/250 volts D.C. or A.C. (25-60 cycles). Shpg. wt. 20 lbs.  
**K21862**—**YOUR COST**..... **\$26.95**

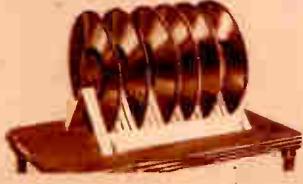


"Wireless" Model VA-21

Works through any radio ("mystery" type—no connections other than a.c. line). Has RCA constant speed motor with felt covered turntable and crystal pick-up in lightweight molded arm. Includes volume control and on-off switch, and pilot light indicator. Bakelite case 12 1/2"x8 1/4"x5". For 110 volts, 60 cycles a.c. Shpg. wt. 8 lbs.

**K21948**—With Tubes, **EACH**..... **\$10.09**  
 Above complete with Special Offer of six 10" records and record rack. Shpg. wt. 11 lbs.  
**K21878**—**SPECIAL**..... **\$11.44**

## RCA HOME ELECTRIC RECORD PLAYERS



### Special Offer!

Either of the RCA Record Players listed here are available with this special deal of only a slight additional cost. The special offer comprises: 6 pre-selected 10" Black Label Victor Records (regularly 75c each), plus a fibre record rack. Buy the combination and SAVE!



"Economy" Model R-93F

Easy to attach to any radio. Plays 10" and 12" records. Includes cushion mounted constant speed motor, latest type feather touch crystal pick-up in bakelite arm, volume control and switch. Has plug for RCA sets; requires cable and switch for other makes. Brown bakelite case 11x8x3". For 110 volts, 60 cycles a.c. Wt. 10 lbs.

**K21850**—**EACH**..... **\$5.28**  
**K22006**—Switch and cable..... **59c**  
**R-93F** complete with Special Offer of six 10" Victor Records and record rack.  
**K21879**—**SPECIAL**..... **\$6.63**

## SPECIAL "MYSTERY" TYPE ELECTRIC PHONO RECORD PLAYERS WITH BUILT-IN OSCILLATORS



These latest type "Mystery" record players enable you to reproduce your phono records through your radio without the need for making any connections to the set. Will operate perfectly at distance of up to 25 feet from the radio. Mounted in handsome walnut finished cabinets of modern design, these models incorporate every feature necessary for efficient record reproduction. These include: high quality constant speed (78 r.p.m.) phono motor operating on 110 volts 60 cycles a.c., provided with a felt-covered turntable;

plays both 10" and 12" records; tangent arm Crystal Pick-up for fine tone and maximum record life; Automatic Stop to cut off motor after record has been played; built-in Volume Control for controlling volume at the record player (radio volume control may be used); Pilot Light indicator to show when oscillator is on. **NO CONNECTIONS** to radio are required—you merely plug the record player into the nearest a.c. outlet and it's ready to operate through your set. At the exceptionally low prices quoted, you can afford to enjoy the added luxury of the world's finest recorded selections.



### DELUXE "MYSTERY" RECORD PLAYER

Illustrated above. Housed in walnut finished cabinet with hinged top cover. Needle cups on panel. Size: 14 3/4" wide, 14 3/4" deep, 7" high (cover closed). For 110 volts, 60 cycles a.c.

**K22370**—With Tubes. Shpg. wt. 12 lbs. **\$13.95**  
**YOUR COST**.....

### STANDARD "MYSTERY" RECORD PLAYER

Shown above, at right. Walnut case 12 3/4"x5 1/2"x11". Needle cup on panel. For 110 v., 60 cycles a.c.

**K22371**—With Tubes. Shpg. wt. 8 lbs. **EACH**..... **\$9.95**  
**K22372**—As above, but for direct wired connection to any radio (without "mystery" oscillator)..... **\$7.95**

SEE PAGES 55, 80 & 81 FOR ADDITIONAL RECORD PLAYING EQUIPMENT



NEW YORK SALES FLOOR

CHICAGO SALES FLOOR

SNAPSHOTS TAKEN IN  
*Lafayette*  
SHOWROOMS

NEWARK SALES FLOOR

NEW YORK PARTS COUNTER

ATLANTA SALES FLOOR

CHICAGO P. A. SALES ROOM

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JAMAICA SALE FLOOR

BRONX SALES FLOOR

# Lafayette ELECTRIC FENCE CONTROLS

## DeLuxe 6V. Model

A new improved model of this famous Lafayette Fence Controller. Operates from self-contained "Hot Shot" battery or four dry cells. Has a built-in signal light to indicate condition of fence and whether or not unit is operating. It is built to meet both Underwriters specifications and all State regulations. Has Hi-Lo terminals to conserve current on wet and normal days and to provide sufficient protection on dry days. Incorporates an electro-breaker mechanism with a precision die-cast balance wheel and a new duplex armature buffer. Oil sealed ball bearings fully insulated. Only two moving parts. Shielded against radio and telephone interference. Large size contact points with self wiping action. Case of heavy lead coated steel—no sheet metal. Furnished complete with built-in lightning arrester, ground clamp, hook-up wire, neon tester and complete instructions. Size 10x11 $\frac{1}{2}$ x7 $\frac{1}{2}$ ". Shpg. wt. 15 lbs.

**K15675—Less Battery**  
Your Cost **\$9.14**



## Standard 6V. Model Battery Operated

This model incorporates a mechanism similar to that used in the DeLuxe model described at the left. It is designed for battery operation and will provide from 4 to 5 months operation from a standard "Hot Shot" battery. Four ordinary dry cells may also be used. It is a precisely built and engineered unit designed to meet Underwriters specifications and all State regulations. Beautifully embossed crackle enamel finish cabinet. Manufactured of heavy gauge lead-coated metal it is both dust-proof and durable. The unit is furnished complete with built-in lightning arrester, ground clamp and complete setting-up and operating instructions. The controller is shielded against both radio and telephone interference. This unit does not include the pilot light but is fully weather-proof and may be mounted anywhere. A 30 in. battery cable is supplied. Dimensions of the case: 8x10x5 inches. Shpg. wt. 10 lbs.

**K15678—Less Battery**  
Your Cost **\$6.66**



## 110 V. AC Model

Scientifically correct. Engineered for safety and economy. No contacts—no moving parts. Employs a gas-filled vacuum tube to control circuit interruptions. Has current-limiting transformer for safety. Built-in signal light indicates at a glance operation of controller and condition of fence. Dustproof and durable container. Shielded against both radio and telephone interference. All metal parts specially plated insuring against rust and corrosion. This controller is built to meet Underwriters specifications and all State regulations. It is furnished with a built-in lightning arrester, a ground clamp, hookup wire, six feet of Underwriters approved cable, neon tester and complete setting-up and operating instructions. Overall dimensions of the unit: 10 $\frac{1}{2}$ x5 $\frac{1}{2}$ x11 inches deep. Rugged construction and design makes it the most effective and safest unit on the market. Shpg. wt. 14 lbs.

**K15674—Your Cost** **\$12.52**



## Insulators

New fence insulator, for attaching wire without kinking.

**K15682—**  
Each **4¢**  
100 For **\$3.45**



## Fasteners

Fastens wire quickly and easily to post insulators.

Made of heavy galvanized wire.

Clip only.  
**K15671—**  
Box of 100 Clips **32¢**

## 6 V. "Hot Spark" Electric Fence Battery

Single-unit 6 V. battery for electric fences. Shpg. wt 6 lbs. **\$1.21**  
**K20178—Your Cost**



## Fence Sign

A necessity for electric fences. Black letters on bright yellow enameled steel plate.

**K15686—25 For 98¢**  
Your Cost Each **5¢**

## Kwik-Gate

Consists of enameled wood handle and hook, with cadmium plated spring. Installed easily. Avoids shocks when opening or closing fence gate.

**K15685—Each** **15¢**

## Glazed Porcelain Insulators

For insulating wire from posts. (A) **5¢**  
**K15680—4 For .95¢**  
100 For **95¢**  
For insulating on corner posts. (B)  
**K15681—**  
Each **2 $\frac{1}{2}$ ¢**  
100 For **\$2.00**



**Insulator Kit**  
Contents: 50-type A; 4-type B. All with leather washers.  
**K15683—Your Cost** **63¢**

## STANCOR Tapped Pack Filtered DC from 1 to 10 V. at 12 Amps.

Used for battery charging, tank plating, horn testing, magnetic field excitation, small spot welding, etc. Variable tap switch provides voltages in six steps from 1 to 10 V. depending upon load. Maximum continuous load—12 amps.—instantaneous—20 A. at 8 V. Drain 375 watts. For 115 V. 50/60 cycles AC. Size: 9x6x7". Shpg. wt. 18 lbs.

**K15614—**  
Your Cost **\$17.10**

## ATR—Portable "B" Eliminator

With this remarkable new unit 5 ordinary No. 2 flashlight cells take the place of 90 V. of expensive "B" batteries! Can also be operated from the storage battery in your car or boat. Smaller than the equivalent B batteries yet supplies 90 V. at 10 ma. Consumers approximately 0.2 amp. from the dry cells. Vibrator unit—5 $\frac{1}{2}$ x2 $\frac{1}{2}$ x1 $\frac{1}{4}$ ". Flashlight cell container—5 $\frac{1}{2}$ x4 $\frac{1}{2}$ x1 $\frac{1}{4}$ ". Shpg. wt. 4 lbs. Less cells **\$4.86**  
**K15625—Your Cost**



## Radio and Auto Fuses Type 3AG

Dim. 1 $\frac{1}{2}$ x $\frac{1}{4}$ ". Specify size desired.

**K13189—Tin of 5 (any one size)**

1, 2 or 3 amp.	5 for	14¢
5, 25 or 30 amp.	5 for	10¢
10 or 15 amp.	5 for	10¢
20 amp.	5 for	7 $\frac{1}{2}$ ¢



## STANCOR Auto-Radio Test & Demonstration Pack

Stancor Super Model 132. A compact power unit designed to meet numerous requirements for obtaining low voltage heavy duty DC supply from any 115 V. 50/60 cycles AC line. Ideal for auto radio sales demonstration and service test work. Also useful for industrial and laboratory purposes since it can be used as a battery charger, a magnetic field exciter, as a source of power for electro-plating, etc. Delivers from 3 to 6 volts of well filtered DC at 12.5 amperes on continuous duty or 5 volts at 16 amperes instantaneous load. Exceptionally well designed filter minimizes ripple to 6%. Fused primary. Quick acting overload cutoff relay. Adjustable output voltage in 7 steps from 3 to 6 volts at 12.5 A. and 2 to 5 volts at 16 A. Has built-in voltmeter. Full wave dry rectifier. Drain 325 watts at continuous load. Overload relay operates at 20 amperes. 6 ft. cord and plug. Dim.: 13 $\frac{1}{2}$ x8 $\frac{1}{2}$ x6" high. Shpg. wt. 26 lbs. List \$33.25

**K15613—Your Cost** **\$19.55**

## Model 131 Economy Pack

Illustrated at the right. A powerful little pack without extra controls that will provide plenty of power for most requirements. DC output 7 Amps. continuously at 6.5 volts; 12 Amps. instantaneously at 4.5 volts. Ripple less than 4.5%. Input: 110-115 V. 50/60 cycles AC at 175 watts. Jeweled pilot light. Fused primary. Ideal for demonstrating and testing auto radios. Dim.: 8x6 $\frac{1}{2}$ x7 $\frac{1}{4}$ " high. Shpg. wt. 16 $\frac{1}{2}$  lbs.

**K15600—List \$23.25**  
Your Cost **\$13.67**



**Model 125.** Similar to above but lighter duty. Supplies 2 amperes at 6 volts DC. Ideal for converting 6 volt farm receivers to 110 volt AC operation. Three transformer taps. Double section filter. For 110-115 V. 50/60 cycles AC. Dim.: 10x6x5" high. Shpg. wt 8 $\frac{1}{2}$  lbs.

**K15601—List \$25.00**  
Your Cost **\$14.70**

**Model 125T.** Same as above but supplies 6 and 12 volts AC in addition to DC voltage for operation of buzzers, door openers, etc. Specially designed for use with inside telephone systems, etc. Same specifications as above. Less than 1% ripple. List \$25.00

**K15602—Your Cost** **\$14.70**

## Coin Machine and Commercial Units

Delivers both DC and AC. Continuous and Instantaneous DC ratings given below. Input for 110 volts, 50/60 cycles AC.

Stock No.	Con. DC V.-A.	Inst. DC V.-A.	AC Out. V.-A.	Drain Watts	Dimensions L"xW"xH"	Shpg. Wt.	Your Cost
K15603	13-6	12-15	6-5	285	11 $\frac{1}{2}$ x4 $\frac{1}{2}$ x5 $\frac{3}{4}$	16	\$15.88
K15604	10 $\frac{1}{2}$ -4	9-15	6-3	190	11 $\frac{1}{2}$ x4 $\frac{1}{2}$ x4 $\frac{3}{4}$	9 $\frac{1}{2}$	10.05
K15605	8 $\frac{1}{2}$ -2	5 $\frac{1}{2}$ -10	6-3	70	8 $\frac{1}{2}$ x4 $\frac{1}{2}$ x3 $\frac{1}{2}$	5	4.85
K15606	7-2	4.8-10	6-3	63	8 $\frac{1}{2}$ x4 $\frac{1}{2}$ x3 $\frac{1}{2}$	5	4.36

## STANCOR "A & B" Eliminators

**AC-DC Model 137**  
Makes any 5 or 6 tube battery radio continuous duty using 1.4 V. tubes into an AC-DC radio that will operate from any 110 V. 50/60 cycle AC or DC power line. Eliminates "A & B" batteries. Fits battery compartment. Output: 90 V. at 18 ma. and 1.4 V. at 390 ma. Size: 6x4 $\frac{1}{2}$ x1 $\frac{1}{4}$ ". Shpg. wt. 2 lbs.

**K15607—List \$8.95**  
Your Cost **\$5.25**



## Portable "A & B" Eliminators

**Model 136.** Same as the above but for 105-125 V. 50/60 cycles AC operation only. Size: 6 $\frac{1}{2}$ x3 $\frac{1}{2}$ x2 $\frac{3}{4}$ ". Shpg. wt. 3 $\frac{1}{2}$  lbs.

**K15608—Your Cost** **\$5.85**



**Model 134.** For sets using 4, 5, 6 or 7 two V. tubes. Supplies 90 V. at 20 ma. and 2 V. at either 325, 420 or 480 ma. Size: 8 $\frac{1}{2}$ x4 $\frac{1}{2}$ x2 $\frac{3}{4}$ ". Shpg. wt. 5 $\frac{1}{2}$  lbs.

**K15609—Your Cost** **\$6.44**

**Model 134X.** Same as 134 but supplies "B" at 67, 90, 112, 135 V.

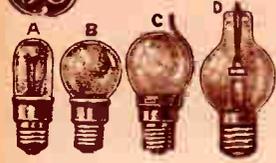
**K15610—**  
Your Cost **\$7.03**

**6 V. DC "A & B" Eliminators**  
**Model 138.** Same as 136 but for 6 V. DC. 5x5x2 $\frac{3}{4}$ ". **\$7.35**  
**K15611—Your Cost**  
**Model 135.** Same as 134X but for 6 V. DC. 5 $\frac{1}{2}$ x5x2 $\frac{3}{4}$ ". **\$8.20**  
**K15612—Your Cost**

# BATTERY CHARGERS ELIMINATORS and ACCESSORIES



## TUNGAR Bulbs



Used in battery chargers, "A" eliminators, etc. Can replace Rectigon bulbs of equal rating. Individually tested. Shpg. wt. 2 lbs.

No.	Type	Rating	Your Cost
KZ1900	A	.6 amp.	Each
KZ1901	B	2 amps.	\$2.94
KZ1902	C	2 amps.	
KZ1904	B	5 amps.	\$3.67
KZ1903	D	6 amps.	3.67
KZ1911	D	15 amps.	7.35

### Tungar-Type Bulbs

KZ1905	0.6 amp. (A)	\$1.85
Your Cost Each		
KZ1907	2-amp. bulb less tip. (B)	\$1.85
Your Cost Each		
KZ1906	2-amp. bulb with tip. (C)	\$1.85
Your Cost Each		
KZ1908	6-amp. (D)	\$2.89
Your Cost Each		

## Convert Your Battery Portable or Farm Set To AC Operation



Designed to replace "A" and "B" batteries in portable and farm sets so that they may be used in the home directly from the house current. Provides completely filtered and humfree reception. Modernizes most battery sets. Porta-Power units available for sets using from 4 to 8 tubes. All operate from 110 volt, 50/60 cycles a.c. lines. Contain no liquids and can be used in any position. As easy to install as batteries. Costs less than 5¢ per 100 hours of use for current. Universal sockets for all types of battery plug. With cabinet mounting brackets.

**Model U**—Illustrated above. Fits right in battery compartment of most 4-5 tube Battery Portable sets. Supplies 1.5 volts at 200 ma., and 90 volts at 13 ma. Has switch in line cord. Size: 2x3½x6". For 4 to 5 tube sets. Shpg. wt. 4 lbs. \$4.41  
K15705—Your Cost

**Model G**—For larger sets using from 5 to 6 tubes. Supplies 1.55 volts at 800 ma. and 90 volts at 13 ma. Size: 3½x6¼x4¼" high. Shpg. wt. 5 lbs. With tube. \$5.58  
K15706—Your Cost

**Model L**—Supplies "A", "B" and "C" power for sets using up to 8 tubes. Delivers 2 volts at 750 mls.; "B" supplies 67½, 90, 112.5, 135 volts; "C" voltages from 1 v. to 22½ v. Size: 6¼x4x5½". Wt. 6 lbs. K15707—Your Cost \$5.85

**Model P**—"Twin Powered" for 6-volt battery radios. Will convert any 6-volt battery radio to 105-125 volts, 50/60 cycles a.c. Output 6 v. at 8 amp. Size: 3½x6¼x5½". Screw terminals. Shpg. wt. 10 lbs. K15708—Your Cost \$8.20



## VESTA 2 and 6 Volt Storage Batteries

Rugged, long-life lead plate storage batteries. Employ molded leakproof rubber containers; over-sized cells and thicker plates; molded-in lead bushing to prevent terminal corrosion and acid seepage; advanced construction features within each cell, such as more active material, etc. Finest battery for extra strength and durability.

No.	Plates	Amps.	Rating	Hrs.	Wt.	Each
KZ1099	13	92	105		35 lbs.	\$5.95
KZ1098	15	106	120		42 lbs.	6.95
KZ1097	17	124	145		50 lbs.	7.45

**2-Volt Battery**  
Single cell storage battery, delivers 2-volts to any 2-volt farm receiver. No external resistor necessary. Good for 300 hours of operation at 0.5 ampere drain; then recharged same as car or other radio battery. Lasts indefinitely with good care. 19 plates. Wt. 22 lbs. \$4.35  
KZ1096—Your Cost

## 1.4 & 2 Volt "Air Cells"



**Type A-1300**—1.4 Volt (illustrated at left). For battery operated receivers using 1.4 volt tubes; current drain not exceeding 660 ma. 1500 hours guaranteed, at 200 ma. drain. Plug-in connection. Shipped dry—just add water. Dim.: 5¼x4¼x8¼". Less plug. Shpg. wt. 7½ lbs. \$1.69  
KZ0136—Your Cost



**KZ0135**—Plug only for above (A-1300) battery 4c  
**Type A-2600**—2 Volt (illustrated at right above). 1000 hours at 660 ma. drain, longer on a smaller drain. Shipped dry. Just add water. Post connections. 9¼x6¼x10¼". Shpg. wt. 24 lbs. \$4.51  
KZ0126—Your Cost Each

**Type SA2600**—2 Volt. Heavy duty type. As above but for sets using up to 750 ma. Shpg. wt. 24 lbs. \$5.40  
KZ0127—Your Cost

**Type A2300**—Medium size. For sets using less than 660 ma. Size: 8¼x5¼x8¼". Shpg. wt. 13 lbs. \$2.92  
KZ0135—Your Cost

## STERLING Pocket Meters

**No. 37A**—For small batteries. Scales: 0-50 and 0-2 volts. Shpg. wt. 1 lb. K10885—\$1.47  
Your Cost  
**No. 38A**—For medium batteries. Scales: 0-100 and 0-2 volts. K10883—Each \$1.62  
**No. 39A**—For large batteries. Scales: 0-150 and 0-2 volts. K10886—\$1.62  
Your Cost  
**No. 40A**—For 3-way set batteries. Scales: 0-150 and 0-10 volts. K10884—\$1.76  
Your Cost  
**No. 30**—Air Cell Tester. K10887—Wt. 1 lb. \$1.03  
Your Cost

## 32 to 6V. Charging Resistor



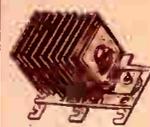
For charging any 6 V. auto or radio battery from 32 V. lighting systems. Cuts voltage to correct value. Now you can save by charging your own batteries. \$1.47  
K12634—Each

## Hydrometer



Live red rubber bulb and nozzle; beaded float. Wt. 2 lbs. \$2.40  
K15634—Your Cost

## MALLORY Replacement



**Rectifiers**  
Copper sulphide type, with universal mtg. features. For replacement in Mallory battery chargers and

boosters as well as for many other makes. Shpg. wt. 3 lbs. each.  
K437—Type F16C3M. Replaces old types 16C3, X116, X16, ME16. Your Cost \$3.33  
Each  
K438—Type F16C3MB. Replaces 16C3B, XB16, M16. Your Cost Each \$4.28

We can furnish practically all types of dry copper sulphide rectifiers for experimental, commercial and industrial use. We will gladly quote upon request.



## 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. \$10.29  
K15699—Your Cost



## MALLORY Charger

**Battery Booster.** Dry disc rectifier type 4 to 2 amperes tapering charge. Has external circuit breaker with quick front reset. Perforated for thorough ventilation. Equipped with 6-ft. cord for light socket and a 4-ft. cord with clamp-on receptacle for dash mounting. Dimensions: 6x8¾x8¾" deep. Finished in black wrinkle. For 115 volts, 50/60 cycles a.c. operation. Shpg. wt. 5 lbs. \$5.19  
K15696—Your Cost



## Model 5535B Charger

Delivers 6 to 4 amperes tapering charge. Employs dry-disc rectifier. Has circuit breaker and large meter indicating rate of charge. Finished in black wrinkle and chromium. Dim.: 7¼x4¼x4¼". With 6 ft. A.C. cord 6 ft. D.C. cord and receptacle for dash mounting. For 115 V. 50/60 cycles A.C. Shpg. wt. 7½ lbs. \$7.52  
K15698—List \$11.50  
Your Cost



## Model 107 Heavy-Duty Charger

10 to 7 ampere charging rate which will completely charge a battery overnight. Employs a dry-disc rectifier, large meter, circuit breaker and provision for thorough ventilation. Complete with 6 ft. a.c. cord, 6 ft. d.c. cord and receptacle for dash mounting. Size: 9¼x6¼x5¼". For 115 V. 50/60 cycles a.c. Shpg. wt. 11 lbs. \$9.80  
K15700—List \$15.00  
Your Cost



## MALLORY Vibrapacks

Flexible, heavy-duty vibrator power supplies for supplying high voltage direct current from a storage battery or similar d.c. source. For use with receivers, amplifiers, transmitters, etc. Four voltage outputs in 25 volt steps. Efficient and compact. Tube rectifier type is required where "B" minus cannot be at ground potential.

No.	Type	Vltg.	Output Voltage	Output	Type	Each
K6090	VP-551	6.3	125-150-175-200	100 ma.	Self-rect.	\$8.82
K6094	VP-552	6.3	225-250-275-300	100 ma.	Self-rect.	10.88
K6091	VP-553	6.3	125-150-175-200	100 ma.	Tube Rect.	9.70
K6095	VP-554	6.3	225-250-275-300	100 ma.	Tube Rect.	11.76
K6066	VP-555*	6.3	300	200 ma.	Tube Rect.	22.05
K6067	VP-557*	6.3	400	150 ma.	Tube Rect.	22.05
K6092	VP-G556	12.6	225-250-275-300	100 ma.	Self-rect.	11.76
K6065	VP-F558	32.0	225-250-275-300	100 ma.	Tube Rect.	11.76

\* Special Dual Packs for high output.  
**Type VF-223 Filter**—For all single unit packs where utmost hum suppression and voltage regulation is required. \$4.41  
K6060—Your Cost

No.	Vibrapacks	Type	Each	No.	Vibrapacks	Type	Each
K6062	VP-551, 552	725	\$3.23	K6064	VP-G556	G-725	\$3.82
K6063	VP-553, 554, 555†, 557†	825	2.65	K6065	VP-F558	F-826	2.79

†—Two vibrators required. Output voltage not adjustable.

# GAS-DRIVEN GENERATORS *and* CONVERTERS

10 Foot Tower

Charges Any Six Volt Storage Battery



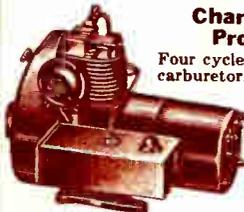
## Skyscraper Windcharger Free Power From the Air!

New and greatly IMPROVED! Starts charging in a 7 1/2 mile breeze! And an exclusive **Air Brake Governor**, operating by centrifugal force, assures absolute safety at all times. Has a maximum charging rate of 17 amperes and will charge any standard 6 volt storage battery used for radios and 6 volt lighting systems. Air-cooled generator has grease-sealed bearings sealed for the life of the machine. A **10 foot steel tower** provides a sturdy support for the unit. Will provide lighting for hen houses, etc. Shpg. wt. 75 lbs.  
**K17224**—When purchased with any LAFAYETTE RADIO **\$17.50**  
 Purchased Separately **\$19.75**  
**Your Cost Each**

## RURAL POWER GENERATORS

### Charges 6 and 12 Volt Batteries Provides Power for Lighting

Four cycles air-cooled gas engine with suction type carburetor. Rated at 3/4 h.p. at 2350 r.p.m. Fly ball governor, high tension ignition. Ammeter included, shows rate of charge. **Push-button self-starter included in model D.** Model C uses hand starter. Both 1-qt. capacity fuel tanks; 16" long, 11" wide, 10" high. All furnished complete with generator cut-out and instructions. Shpg. wt. 70 lbs.



**K17239**—Model C, for 6 volt batteries, 150 watts. **\$32.50**  
**Your Cost**  
**K17230**—Model D. Charges 6 and 12 volt batteries. 150-250 watts. With self-starter. **\$39.05**  
**Your Cost Complete**

## 6 V. Lighting Kit



Complete wiring kit (B) contains: 100 ft. No. 8 weather-proof wire. 25 ft. drop cord, 6 pull-chain sockets, 6 porcelain cleats, 6 nail-it knobs, 2-6" porcelain tubes, porcelain entrance switch and fuse block, 2-30 ampere fuses, 4 oz. friction tape, 4 oz. rubber tape. Shpg. wt. 17 lbs.  
**K17240**—**\$6.85**  
**Your Cost**

## ATR Phono Inverter

Converts any phono motor, electric razor or similar small device for d.c. operation. Can be used on all but the automatic record changer motors.



Contained in metal case 2 1/2 x 2 1/2 x 2 1/4". With attached cord and plug; receptacle for motor. Input: 110 volts d.c. Output: 110 volts a.c., 15 watts. Shpg. wt. 2 lbs.  
**K17249**—Model PCP **\$3.82**  
**Your Cost Each**

**K17220**—PCPF—Similar to above but has built-in RF interference suppression system. Designed for small record players in conjunction with radios.  
**Your Cost Each** **\$4.09**

**K17221**—PCPR—Designed for operation of phono portion in AC-DC phono-radio combinations.  
**Your Cost Each** **\$3.82**

**Shaverpack.** An ideal unit for the traveler. Designed to permit operation of AC razors on 6 volts DC. 32 volt unit operates on trains, boats, etc.  
**K17222**—6-volt D.C. **\$4.09**  
**Your Cost**

**K17223**—32-volt D.C. **\$4.67**  
**Your Cost**

## PINCOR "Blue Diamond" 300-Watt Gas Driven A.C. Generators

These sturdy, efficient plants deliver "city" electricity, 110 volts, 60-cycles a.c., for operating radio receivers, lights, farm and home appliances, etc. Also deliver low voltage for charging storage batteries. Utilize the powerful Blue Diamond 4-cycle, single cylinder air cooled engine, rated at 5/8 H.P. All models have **push-button for starting**, and also have auxiliary rope-pull starter. Engine operates from 7 to 8 hours on one gallon of gas; base tank has 1-gallon capacity. Filter recommended where unit is used to operate radio. Size: 19 1/2" long, 14" high, 14" wide.



**K19880**—300 watts, 110 volts, 60-cycles a.c. Also delivers 6 volt d.c. at 200 watts for charging 6-volt storage batteries. Shpg. wt. 122 lbs. List \$79.95 **Type BD6** **\$58.35**  
**Your Cost**

**K19881**—Same as above, with remote control; ammeter and voltmeter in control box. List \$104.95 **Ea** **\$78.70**  
**Your Cost**

**K19882**—300-watts, 110 volts, 60 cycles a.c.; 12 volts d.c. for charging 12 volt batteries. Wt. 122 lbs. List \$87.45. **\$65.58**  
**Your Cost**

**K19887**—Filter with ignition shielding. **Each** **\$4.50**

## KATO A.C. GAS GENERATORS

### Model 19 A. 350 Watts

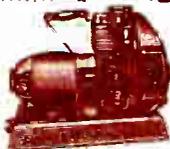


Designed for lighting homes, cottages, trailers, sound trucks, farms or anywhere where plant is desired for running many hours a day, continuously and will give many years of trouble-free service. This model is a combination 350 watt 110-volt 60 cycles AC or 200 watt 6-volt battery charger. 4-cycle air cooled 3/4 h.p. Johnson engine, 1800 r.p.m. Runs 12 hrs. on gallon of gas. Start/stop push button, generator filtered.

aluminum 1 gal. tank, carrying handle, aircleaner, generator filtered, ignition shielded. Wt. 125 lbs.  
**K19812**—**Your Cost, F.O.B. Chicago** **\$71.25**

### Junior Model JRA3

An ideal light weight power supply for summer homes, camps, trailers, sound trucks, "ham" equipment, etc. Supplies 350 watts, 110 volts 60 cycles a.c. Runs 10 hrs. on one gallon of gas, 2 oz. oil. Powered by 3/4 h.p. single cylinder, 4-cycle air-cooled engine. Flyball type governor, splash lubrication. Charges 6 volt battery up to 10 amps. Generator filtered, ignition shielded. Comes complete with carrying handle, muffler, instruction manual, etc. Will carry 200% overload on intermittent duty. Shpg. wt. 80 lbs. **\$67.20**  
**K19811**—**Your Cost**



## ATR DC to AC Inverters



Models For 6, 12, 32, 110 and 220 Volts D.C.

Especially recommended for use with radio receivers, phono-radio combinations and similar equipment. Exceptionally well filtered. Designed for quiet, long-life operation. Standard models are equipped with ten-contact plug-in vibrators, heavy duty model has 20 contact vibrator. All models listed below have 110 V. AC output. Both Inter-mittent and Continuous output wattages are indicated. Size of Standard model 7 1/2 x 8 1/2 x 4 1/2"—Heavy Duty 7 1/2 x 9 x 6 1/2". Shpg. wt. Standard models 18 lbs.

Stock DC Volts Watts Your No. Input Int. Con. Cost

<b>K17242</b>	6	100	75	<b>\$14.08</b>
<b>K17243</b>	12	125	100	<b>14.08</b>
<b>K17244</b>	32	150	100	<b>15.26</b>
<b>K17245</b>	110	250	150	<b>15.26</b>
<b>K17246*</b>	110	325	225	<b>20.58</b>
<b>K17247</b>	220	250	150	<b>15.26</b>

\*—Heavy duty model. Shpg. wt. 32 lbs.

## Genuine Mazda 6-Volt Edison Base Bulbs

Edison base light bulbs for use in 6-volt lighting circuits.

**K12255**—15 watts. Draws 2.5 amps.

**K12256**—25 watts. Draws 4.2 amps.

Either Type Above, **Your Cost Each** **25c**

**NOTE:** We can supply Pioneer (Pincor) Generators and power plants for all voltages and with outputs up to 5000 watts. We will quote our lowest prices upon receipt of your requirements.

## Pincor "Gold Crown" Gas-Electric Plants



Heavy-duty 110 V. a.c. plants. Single cylinder, 4-cycle air-cooled engines. 600 W. model has 1 h.p. engine (7 hrs. on 1 gal.) 1 KW job 2 h.p. (4-5 hours on 1 gal.) 4-pole self-excited generators mounted on engine shaft.

Electric starting (requires 12 V. bat.) Aux. rope starter. Wt. 160 lbs. 28x15 1/2 x 15 1/2".  
**K19894**—600 W. Model. **\$134.60**  
**Your Cost, F.O.B. Chicago.**  
**K19895**—1 KW. 28x17 1/2 x 19 1/2". **\$194.60**  
**Net, F.O.B. Chicago.**

## LAFAYETTE Rotary Converters



With Radio Filter All have double wound armature with separate a.c. and d.c. windings; good regulation of output voltage; extremely quiet operation. All furnished complete with highly efficient radio noise filter.

110 Volts D.C. to 110 Volts A.C.

Stock No.	Output Watts	Input Amps.	Wt. Lbs.	Your Cost
<b>K17225</b>	110	1.69	27	<b>\$21.56</b>
<b>K17210</b>	150	2.23	33	<b>24.48</b>
<b>K17211</b>	300	4.0	40	<b>33.75</b>



## JANETTE Converters

For operating 110 volt, 60 cycle a.c. appliances, radios, P.A. systems, etc., from d.c. supplies. All equipped with radio interference filters. All Convert D.C. to 110 V. 60 Cycles A.C.

From 110-115 V. D.C. To 110 Volts A.C.	No. Output	Each	Stock	Max. Your No. Output	Your Cost
<b>K19803</b>	110 W.	<b>\$26.90</b>	<b>K19800</b>	110 W.	<b>26.90</b>
<b>K19804</b>	150 W.	<b>29.69</b>	<b>K19801</b>	150 W.	<b>29.69</b>
<b>K19805</b>	225 W.	<b>34.55</b>	<b>K19802</b>	300 W.	<b>41.75</b>
<b>K19815</b>	500 W.	<b>54.98</b>	<b>K19813</b>	500 W.	<b>54.98</b>



# BURGESS

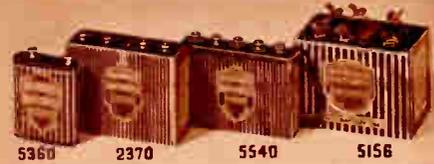
RECOGNIZED BY THEIR STRIPES - REMEMBERED BY THEIR SERVICE

Burgess batteries have been used for many years by leading laboratories, governmental departments, commercial organizations and others demanding tops in quality. All cells are made of the best material obtainable. Each cell has a seamless drawn zinc can of 99.9% pure zinc which resists perforation. Cells are separated by moisture-resistant egg-crate partitions and a wrapping of paraffined paper. Individual cells are totally covered with pitch to seal each cell and to bind them together into a rugged unit.

Chrome preservative, a Burgess discovery, is included in each cell. Like oil on bright metal, it preserves the zinc surface and retards corrosion when not in use. Yet this protective film is so thin that it does not retard the chemical actions producing electrical current. Each cell undergoes an "aging" period so that substandard ones can be spotted and discarded. To insure uniformity only high quality cells pass acceptance tests. These features plus rigid laboratory control make Burgess batteries the accepted standard.



WITH  
CLIP  
OR  
SOCKET



WITH  
POSTS  
OR  
SOCKETS

**STANDARD AND HEAVY DUTY 45 Volt "B" Batteries**  
Super B batteries have oversized cells and are built to give maximum service. With Fahnestock clips or Sockets for plugs. Less Plugs.

**Standard "C" Batteries**  
Dependable, long life batteries especially designed for "C" supply in receivers, amplifiers, etc. Also used in test equipment.

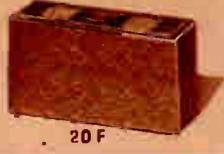
Stock No.		Burgess		Dimensions			Shpg. Wt. Lbs.	Unit Pkg.	Single Each	Pkg. Each
Clip	Socket	No.	Type	H.	W.	D.				
K19829	K19825	2308	Regular	7 1/2	x8	x2 3/4	8 lbs.	6	\$1.33	\$1.21
K19830	K19823	22308	Super	7 3/8	x8 1/2	x3 1/4	10 lbs.	6	1.61	1.46
<b>Heavy Duty 45V. B's (Tapped at 22 1/2 V.)</b>										
K19831	K19824	10308	Regular	7 1/2	x8	x4	12 lbs.	6	1.85	1.68
K19832	K19822	21308	Super	7 3/8	x8 1/2	x4 1/2	16 lbs.	6	2.23	2.03

Stock No.		Burgess		Dimensions			Shpg. Wt. Lbs.	Unit Pkg.	Single Each	Pkg. Each
Posts	Sockets	No.	Volts	H.	W.	D.				
K19866		5360	4 1/2	3	x2 1/2	x1 3/8	2	4	31c	28c
K19867	K19827	2370	4 1/2	4	x3 3/4	x1 1/2	1	10	38c	27c
K19868		5540	7 1/2	3 1/2	x4	x 3/8	1	4	48c	44c
K19862	K19826	5156	22 1/2	3 3/8	x4 1/2	x2 1/4	2	4	71c	65c

\*Has spring clips. #Tapped at 3, 4 1/2, 16, 22 1/2 V. †Less plug.  
NOTE: Plugs for batteries above and at left listed below.



WITH  
INSULATED  
OR  
BRASS POSTS



WITH  
SOCKETS

**Light Duty B Batteries**

Small light weight batteries particularly designed for use in portable equipment including radios, test equipment, aircraft, etc. All with binding post terminals. Some have insulated terminals, others plain brass.

Stock No.	Burgess No.	Terminals	Volts	Dimensions			Shpg. Wt. Lbs.	Unit Pkg.	Single Each	Pkg. Each
				H.	W.	D.				
K19861	5308	insulated	45	5 1/2	x4 1/2	x2 3/8	4	5	\$1.16	\$1.05
K19865	Z30N	insulated	45	4 1/2	x3	x1 1/8	2	6	1.27	1.15
K19866	W30BP	insulated	45	3 3/8	x2 3/8	x1 1/8	1	6	1.66	1.49
K19833	A30BP	brass	45	3 3/8	x4 1/2	x2 3/8	3	6	1.27	1.14
K19863	4156	brass	22 1/2	3	x3 3/4	x2 3/8	2	4	.64	.58

**1 1/2 Volt A Battery**  
No. 20F is the outstanding radio "A" battery for 1 1/2 V. radios. Designed to give 1,000 hrs. or more of service when used intermittently at 0.2 ampere to an end point of 0.9V. This is equivalent to almost a year of service at 3 hrs. per day. 7/8" H. x 7-11/16" W. x 2-11/16" D. Shpg. wt. 8 lbs.  
**K20600 - EACH ..... \$1.42**  
Lots of 4.  
**EACH ..... \$1.29**

**3 Volt A Batteries**  
For use with 2 Volt tubes. Unless set has built-in control, resistor listed must be used. No water. No. 20F2-400 service hrs. at 1/2 amp. drain 3/4 hrs. daily. 11-13/16x3-15/16 x6-1/16". Shpg. wt. 15 lbs.  
**K19828 - YOUR COST EACH ..... \$2.35**  
No. 40F2-900 hrs. service. 11-9/16x8-1/16x6 1/8". Shpg. wt. 30 lbs.  
**K20601 - YOUR COST EACH \$4.76**  
**K20606 - Resistor EACH ..... 17c**



**Test Batteries**

Used in test instruments and flashlights. Spring contacts.  
Type 532 - 4 1/2 V. - 3 cell. 2 3/8 x 2-7/16 x 1 3/16"  
**K20602 - EACH ..... 20c**  
Type 422 - 3V. - 2 cell, 2 1/4 x 1-5/16 x 1 1/16"  
**K20603 - EACH ..... 10c**  
Type 432 - 4 1/2 V. - 3 cell. 2 1/4 x 2 1/16 x 1 1/16"  
**K20604 - EACH ..... 20c**



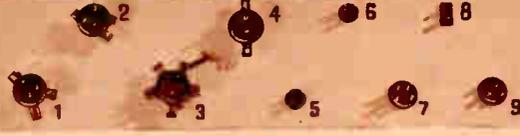
**Little 6 "A"**

Type 4FA - 1 1/2 V. radio "A" battery. Same capacity as round-cell but 30% smaller, 40% lighter. 2 3/8 x 2 3/8 x 4-5/16". Brass Posts. Shpg. wt. 2 lbs.  
**K19847 - EACH ..... 33c**  
Lots of 20. .30c ea.



**Flashlight and Penlite Cells**

**K20621 - No. 1 cell. 1 7/8 x 1 1/2".**  
**K20622 - No. 2 cell. 2 3/8 x 1-5/16".**  
EITHER ABOVE  
**EACH ..... 6 1/2c**  
**K20623 - Penlite cell. 2 x 37/64".**  
**EACH ..... 5c**  
12 for ..... 39c



**Standard Battery Plugs**

Fit any make of dry battery. Check specifications carefully.

Stock No.	Illus.	Description	Used With	Each
K20591	(1)	3-prong "B"	45 V. "B" Batteries	31c
K20592	(2)	3-prong "C"	4 1/2 V. "C" Batteries	31c
K20593	(3)	5-prong "C"	22 1/2 V. "C" Batteries	31c
K20594	(4)	2-prong "A"	3 V. "A" Batteries	31c
K20595	(5)	2-prong "A"	1 1/2 V. "A" Batteries	31c
K20596	(6)	3-prong "B"	Portable "B" Batteries	31c
K20597	(7)	4-prong "A&B"	Comb. 1 1/2 V. "A" & 90 V. "B" packs	31c
K20598	(8)	2-prong "A"	6 V. "A" Batteries	31c
K20599	(9)	4-prong "A&B"	Comb. 6 V. "A" & 90 V. "B" packs	31c



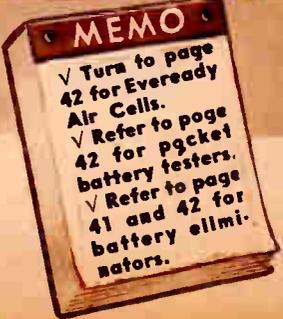
**Farm Radio Pack**  
For 1 1/2 V. Farm radios. 1 1/2 V. "A" 90V. "B" 7-1/16" x 1 5/8" x 4-7/16" Shpg. wt. 23 lbs. Burgess 17GD60.  
**K20619 - \$3.55**



**Simpson Battery Tester**  
1,000 ohms-per-volt meter that checks battery voltage with and without the proper "load". 6 ranges: 2, 4, 8, 50, 100 and 150V. 5 1/2 x 2 1/4 x 1 3/4". Shpg. wt. 3 lbs.  
**K10492 - YOUR COST \$7.68**  
COMPLETE WITH LEADS.....



**Triplett Battery Tester**  
Choice of 11 loads. Checks 9 different DC voltage ranges: 2, 4, 8, 10, 25, 50, 75, 100, 150. Lifetime guaranteed 3" meter. 3-1/16 x 5 7/8 x 2 1/4". Shpg. wt. 5 lbs.  
**K10476 - YOUR COST \$7.68**



# ||||| BATTERIES |||||

## PORTABLE "A" BATTERIES

Stock No.	Burgess No.	Year Cast	Volts	Size L x W x H	Usa-Lite	Eveready	Shpg. Wt. Lbs.
K19852-FX		\$0.10	1 1/2	1 1/2 x 1 1/2 x 4 1/2	...	...	1
K19854-2F		.25	1 1/2	2 1/2 x 1 1/2 x 4 1/2	...	...	1
K19851-4FL		.42	1 1/2	3 1/2 x 1 1/2 x 5 1/2	...	...	1
K19850-4F		.35	1 1/2	3 1/2 x 2 1/2 x 4 1/2	634	742	2
K29687-6F		.52	1 1/2	3 1/2 x 2 1/2 x 4 1/2	...	743	3
K29686-9F		.67	1 1/2	3 1/2 x 2 1/2 x 4 1/2	635	741	3
K29680-8FL		.67	1 1/2	3 1/2 x 2 1/2 x 5 1/2	...	745	4
K29610-G3		.32	4 1/2	2 1/2 x 1 1/2 x 10 1/2	...	746	2
K19842-F4PI		.38	6	2 1/2 x 2 1/2 x 4	...	746	2
K29611-F4PIX		.38	As above	with 3-hole socket.	...	...	2
K29612-2F4		.70	6	3 1/2 x 2 1/2 x 5 1/2	...	718	3
K29613-2F4L		.70	6	3 1/2 x 1 1/2 x 10 1/2	646	747	4
K19843-G5		.52	7 1/2	3 1/2 x 2 1/2 x 4 1/2	...	...	3

## PORTABLE "B" BATTERIES

K29614-B30		1.05	45	2 1/2 x 4 1/2 x 5 1/2	624	702	3
K19855-A30		1.05	45	3 1/2 x 2 1/2 x 4 1/2	...	...	2
K19857-A30M		1.05	45	4 1/2 x 3 1/2 x 2 1/2	...	...	3
K29615-A60		2.10	90	4 1/2 x 3 1/2 x 4 1/2	...	...	4
K29616-Z30		1.12	45	3 1/2 x 2 1/2 x 4	...	738	2
K29617-M30		1.05	45	3 1/2 x 3 1/2 x 1 1/2	640	482	4
K19859-W20PI		.88	30	1 1/2 x 1 1/2 x 4 1/2	...	...	1
K19864-W34		1.37	51	3 x 1 1/2 x 4 1/2	...	...	1 1/2
K19869-W40		1.55	60	3 x 1 1/2 x 5 1/2	...	...	1 1/2

## COMBINATION PACKS FOR PORTABLES

K19871-5DA60		2.36	1 1/2 & 90	5 1/2 x 2 1/2 x 6 1/2	...	...	5
K19872-4TA60		2.45	1 1/2 & 90	8 1/2 x 2 1/2 x 4 1/2	...	...	5
K19873-4FA60		2.27	1 1/2 & 90	7 x 3 1/2 x 4 1/2	...	...	6
K19874-6FA60		2.44	1 1/2 & 90	11 1/2 x 6 1/2 x 1 1/2	A8667	...	6
K19875-4GA42		1.82	1 1/2 & 63	9 x 2 x 4 1/2	...	...	5
K19877-F4A41		1.65	6 & 61 1/2	9 1/2 x 4 1/2 x 2 1/2	...	...	5
K19878-F4B60		2.48	6 & 90	10 1/2 x 2 1/2 x 5	...	...	7
K29618-G4B50		2.14	6 & 75	4 1/2 x 12 1/2 x 2 1/2	A8670	...	7
K19879-2F4B60		2.77	6 & 90	10 1/2 x 4 1/2 x 4 1/2	...	...	9

## COMBINATION PACK FOR FARM RADIOS

K29619-17GD60		3.55	1 1/2 & 90	...	748	25	
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### USA-LITE Complete Kits

You SAVE by buying a complete Kit! It costs just as much to package a single battery as a complete kit and you pay for this packing three times when buying individual batteries and only once when buying a kit—so buy a complete kit and SAVE. Most A and B batteries are designed in pairs to have equal life. Plugs listed on page 44.

Stock No.	Contents	Per Kit
K20173	1-634 & 2-624	\$2.15
K20174	1-635 & 2-624	2.49
K20175	1-646 & 2-640	2.49
K20176	2-683 & 2-640	2.49

Shpg. wt. each Kit approx. 7 lbs.

### USA-LITE A-B PACKS

K19835	A8667	2.05
K19836	A8670	2.03

### Eveready MINI-MAX Batteries

These very compact batteries are used in many of the new "personal" portable receivers. New construction gives twice the life of other batteries of similar size.

Type 467-47 1/2 volt "B" (no taps). Dimensions: 3 1/2 x 2-11/16 x 5-1/16". Shpg. wt. 1 lb. **\$1.75** EACH

Type 482-45 volt "B". 3 1/2 x 1 3/4 x 5-7/16". Wt. 3 lbs. **\$1.05** EACH

Type 741-1 1/2 volt "A". Eight cells. 3-13/16 x 2-21/32 x 5-11/32". Shpg. wt. 3 1/2 lbs. **66¢** EACH

## PORTABLE BATTERY REPLACEMENT GUIDE

Make and Model No.	BURGESS	USA-LITE	Make and Model No.	BURGESS	USA-LITE	Make and Model No.	BURGESS	USA-LITE
<b>ADMIRAL</b>			<b>GENERAL ELECTRIC</b>			<b>STROMBERG CARLSON</b>		
164-4D, 335-4Z	2-B30, 1-6F		GB400, HB408	2-B30, 1-8F	K20174	402-H	2-M30, 1-8F	
331-4F	2-A30, 1-4F		HB402, HB403, HBX467	2-Z30, 1-4F		<b>TRAVLER</b>		
319-4Z	2-A30, 1-4FL		HB504, 505	2-B30, 1-2F4		553B, 554, 1555	2-A30, 1-4F	K20173
336-5N	2-B30, 1-G5		GB440	2-B30, 1-6F		870	2-A30, 1-F4PI	
33F5, 34F5, 36H5	1-6FA60	K19835	J8513, 508, HB412	2-M30, 1-2F4L	K20175	871, FB73	2-B30, 1-2F4	
35G6, 37G6	1-6FA60	K19835	HB410, 411	2-M30, 1-8FL		881, FB82	2-M30, 1-2F4L	K20175
<b>ANDREA</b>			<b>LAFAYETTE</b>			<b>TROUBADOUR</b>		
21AF5, 21F5	2-B30, 1-8F	K20174	BS72, 8870, CC55	2-B30, 1-4F	K20173	Craft	2-B30, 1-4F	K20173
4G61, 4G61A	2-B30, 2-G3		BS33, D93	2-B30, 1-F4PI		Crane	2-B30, 1-4F	K20173
<b>AUTOMATIC</b>			E80	2-B30, 1-2F4		948 & 9-457 Clark	2-B30, 1-6F	K20174
P43, 45	2-B30, 1-4F	K20173	B873	2-B30, 1-G3		0-461	or B	
P57, P58, P61	2-B30, 1-F4PIX		CC-72	2-B30, 1-G5		0-530, 531, 532, 533	2-M30, 1-BFL	
<b>BELMONT</b>			E6, B585, B556	2-B30, 1-8F	K20174	558	2-B30, 1-F4PI	
403, 460	2-B30, 1-8F	K20174	CC58A, CC58B, C116	2-M30, 2-G3	K20176	<b>WELLS-GARDNER</b>	2-B30, 1-8F	K20174
407	2-A30, 1-4FL		<b>MAJESTIC</b>			587, 588, 485	2-B30, 2-G3	
507, 513	2-A30, 1-F4PI		420PL, 421	2-B30, 1-4F	K20173	687, 6810		
<b>CROSLLEY</b>			130U	2-B30, 1-6F		<b>WESTINGHOUSE</b>		
8429A	2-B30, 1-8F	K20174	130	1-W40, 1-FX		Carryette WR-675	2-B30, 8F	K20174
549	1-F4A41		1BR50B, 1BR50BP	2-M30, 1-F4PI		WR-674	2-B30, 1-4F	K20173
439	1-4GA42		5BD, 5ULBD	2-A30, 1-4FL		WR-676	2-M30, 1-2F4L	K20175
<b>DETROLA</b>			<b>MOTOROLA</b>			<b>ZENITH</b>		
Pee-Wee No. 282	1-A60, 1-4F		52D, 41-D1, 41-D2,	2-B30, 1-4F		4K400D, M, S, Y, L	2-B30, 1-4F	K20173
286, 288	2-B30, 1-8F	K20174	51-D1, 51-D2,	1-W20PI, 1-W34		4K402D, M, F, L	1-4FA60	
295	2-B30, 1-4F	K20173	41S Sporter	1-2F		5G401-D, L, M, Y	1-F4B60	
299, 289	2-B30, 1-6F			2-M30, 2-G3	K20176	5G403	1-F4B60	
303	1-4GA42			2-M30, 2G3	K20176	5G500, 501	1-G4850	K19836
339, 3401, 3412	2-M30, 2-G3	K20176		2-M30, 2G3	K20176			
<b>DEWALD</b>			<b>PILOT</b>			<b>PRIVATE BRAND MODELS</b>		
415 Cub	1-5DA60		TH11, *TH12*	2-B30, 2-4F or		<b>GAMBLE-SKOGMO</b>		
<b>EMERSON</b>			TI451, TI452	2-B30, 1-8F	K20174	1F45KC	2-B30, 1-4F	K20173
CE259	2-B30, 1-4F	K20173	TI021	2-B30, 1-8F	K20174	Coronado	2-B30, 1-2F4	
CE263, CT275, CX305	2-B30, 1-8F	K20174	TI351, XI451, XI453,	2-A30M, 1-4F		<b>R. H. MACY</b>		
DC308, CX263	2-B30, 1-8F	K20174	XI450, T71	2-M30, 1-2F4L	K20175	BP7	2-B30, 1-4F	K20173
CX283, CX284, CX308	2-B30, 1-8F	K20174		2-M30, 1-2F4L		BP9, BP10	2-A30M, 1-F4PI	
DJ310, 311, 312	2-M30, 2-G3	K20176	<b>PHILCO</b>			<b>MONTGOMERY WARD</b>		
EA338, 339, 340, 357	2-M30, 2-G3	K20176	71T, 72T, 74T, 504	2-B30, 1-4F	K20173	5019 Airline	2-B30, 1-8F	K20174
DF306, DF302	2-B30, 2-G3		81T, "Little Pol"	1-4GA42		687 Airline	2-B30, 2-G3	
<b>FADA</b>			88T	1-6FA60	K19835	454 Airline	2-B30, 1-4F	K20173
P40, PD40, PL40	2-B30, 1-8F	K20174	<b>RCA</b>			461 Airline	2-A30, 1-4FL	
P47, PD47, PL58	2-B30, 1-8F	K20174	94BP1, 94BP4, 94BP61	2-B30, 1-4F	K20173	555 Airline	2-B30, 1-4F	K20173
P49, PD49, P58	2-B30, 1-4F	K20173	62, 64, 66, 80, 81	2-B30, 1-4F	K20173	<b>SEARS-ROEBUCK</b>		
P495W, PD495W (Expt)	2-B30, 1-8F	K20174	8P55, 56, 85	2-M30, 1-2F4L	K20175	6266	2-B30, 1-4F	K20173
P24	2-B30, 1-6F		<b>SENTINEL</b>			<b>SPIEGEL Inc.</b>		
PL24	2-B30, 1-8F	K20174	151BL	2-B30, 1-4F	K20173	Air Castle 560-1	2-B30, 1-8F	K20174
PD28, PD28	2-M30, 1-2F4L	K20175	180XL (early)	1-2F4B60		Air Castle 591-1	2-B30, 1-F4PI	
<b>FARNSWORTH</b>			180XL (late)	2-B30, 1-F4PI		561-1M, 611-1, 561-1	2-B30, 1-8F	K20174
AT30	2-Z30, 1-4F		RC181BL, 178BL	2-B30, 1-6F		<b>WESTERN AUTO STORES</b>		
AT31	2-B30, 1-2F4		201XL	2-B30, 1-F4PI		Trutone	2-B30, 1-4F	K20173
<b>GAROD</b>			160BL, 170BL	2-B30, 1-F4PI		Triangle	2-B30, 1-4F	K20173
8P5, BP5A, 8P7	2-B30, 1-4F	K20173	213P, 205, 192XL	1-4TA60		General Television	2-B30, 1-8F	K20174
8P6	1-5DA60		217P, 219	2-M30, 1-2F4L	K20175			
8P9, BP10	2-A30M, 1-F4PI		202BL, 172BL, 205BL	2-B30, 2-G3	K20176			
8P36	2-A30, 2-G3			2-M30, 1-8FL				
8P12	2-B30, 1-G5							

\* Use 2 No. 4F in sets originally equipped with four batteries and 1 No. 8F in sets originally equipped with only three batteries.

# FLUORESCENT FIXTURES

SAVE UP TO 50%  
AND GET BETTER



## DELUXE FLUORESCENT KITCHEN FIXTURE

- No wiring necessary
- Install in a Few Minutes

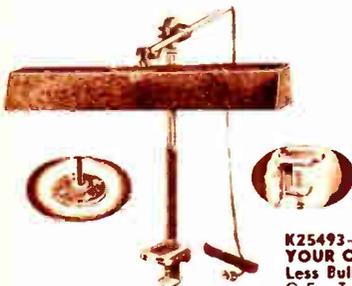
Now you can have the highly efficient fluorescent lighting in your kitchen, where it will add to the cheeriness and efficiency. And, best of all, you can hang it up yourself in a few minutes. The fixture fits any standard 4" or 6" holder. You merely remove the old globe, take out the bulb and replace with the Fluorescent fixture (see illustrations). Two 24" tubes are used; they consume only 20-watts each, yet provide more even and less eye-tiring bright light than two 50-watt incandescent bulbs. The light furnished is cool, and of high intensity.

- Consumes only 40-watts
- Provides Glareless Light

Fixtures are equipped with the latest type Underwriters Approved, starters and ballasts. Complete with fittings for 4" and 6" holders and attachment cord and plug. Operates on 110-120 volts 60 cycles a.c. only. Metal parts heavily chrome plated. Shpg. wt. 11 lbs.

**K25544—Kitchen Fixture. \$6.47**  
**YOUR COST, Less Bulbs.....**  
 Fluorescent 24" bulbs for above:  
**K25535—G.E. T-12, 20-Watt White**  
**K25536—G.E. T-12, 20-Watt Daylight.**  
**YOUR COST EACH.....\$1.25**

## Adjustable Fluorescent Bench Lamp



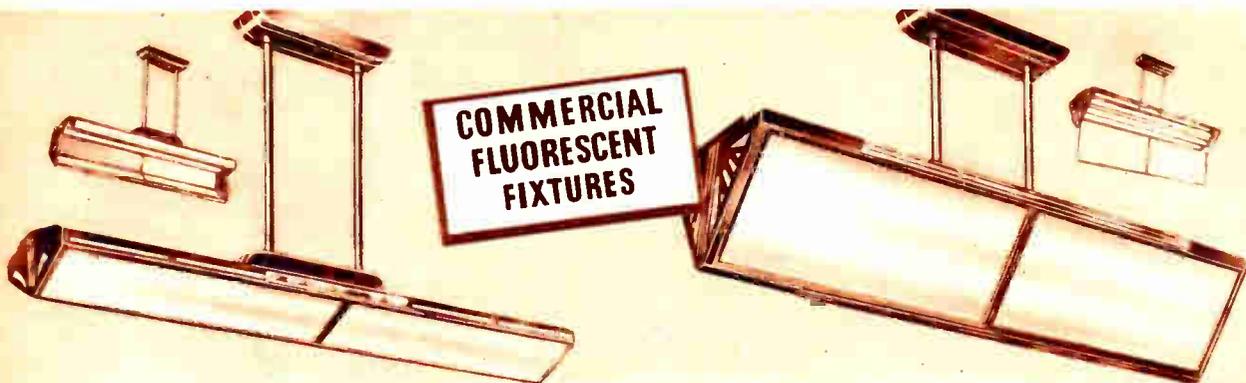
Can be quickly installed on tables, desks, workbenches, etc. 18" reflector for single T-8 15-watt bulb (listed on page 48). Upright arm adjustable from 14" to 26" in height; horizontal arm adjustable up to 16". Morocco brown finish with chrome trim. Enamelled reflector. For 110 volts, 60 cycles a.c. Shpg. wt. 10 lbs.

**K25492—With clamp-on base.**  
**K25493—With screw-on base.**  
**YOUR COST EACH, \$5.81**  
 Less Bulbs.....  
 G.E. T-8 Fluorescent lamps for above listed at right.

## Fluorescent Desk Lamp

A high efficiency desk lamp to relieve eye-strain and provide a soft, glareless light. Has non-tarnishing Alzak parabolic reflector that concentrates the light in work zone of desk. Beautiful lacquered bronze finish with satin gold trim. Designed to take a single T-8 15-watt, fluorescent bulb. Size: base 11" long by 8 1/4" wide, height 15". For 110 volts, 60 cycles a.c. Switch in base. Wt. 11 lbs. Less Bulb.

**K25543— \$6.47**  
**YOUR COST.....**  
 G.E. Bulbs for above desk lamp (fit bench lamp).  
**K25496—T-8, 15-Watt White**  
**K25497—T-8, 15-Watt Daylight.**  
**YOUR COST**  
**EACH.....95c**



## COMMERCIAL FLUORESCENT FIXTURES

### Fluorescent Two-Light Shielded Unit

Model 2019. Utilizes two 48" T-12 40-watt lamps. Tulamp ballast of latest approved type corrects power factor and eliminates flicker. With replaceable starting switches. Shields of acid treated high-efficiency diffusing glass reduces glare of bare lamps. Shields are mounted into a metal frame which can be instantly lowered for relamping or cleaning. Finish is Satin Aluminum with highly polished stainless steel trim. Reflector has chip-proof white enamel finish. Completely wired, ready for hanging. Length 49", width 10 1/2", height 5 1/2". Canopy is 14 1/2" long by 4 1/2" wide by 1 3/8" deep. Two 3/8" I.P. stems 36" long furnished. For 110-125 volts, 60 cycles a.c. Shpg. wt. 40 lbs.

**K25547—Less Bulbs. \$19.46**  
**YOUR COST EACH.....**

### Fluorescent Four-Light Shielded Unit

Model 2017. Uses four 48" T-12 40-watt lamps. Equipped with Approved type high power factor ballasts and replaceable starters. Has four panels of acid treated frosted glass which provides soft diffused lighting. These glass panels are mounted into a metal frame which is hinged, and can readily be lowered for relamping and cleaning. Finish is Satin Aluminum with polished stainless steel trim. Reflector has chip-proof white enamel finish. Completely wired, ready for hanging. Overall length 49"; width 15". Canopy is 14 1/2" long by 4 1/2" wide by 1 3/8" deep. Two 3/8" I.P. stems 36" long are furnished. For 110-125 volts, 60 cycles a.c. only. Underwriters Approved. Shpg. wt. 46 lbs.

**K25548—Less Bulbs. \$32.17**  
**YOUR COST EACH.....**

# ON YOUR LIGHTING BILLS ILLUMINATION *the modern way*



## Low Cost Fluorescent Home Adapter

Any ordinary fixture can be adapted for modern fluorescent lighting with this adapter. Has swivel plug screw that fits into any light socket—requires no wiring or special installation. All metal, with durable exterior finish and white enameled reflector. Have loops for chain hanging. Includes automatic starter. Enjoy glareless, cold lighting.

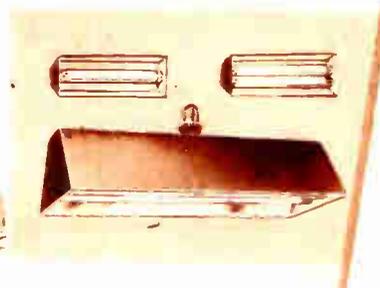
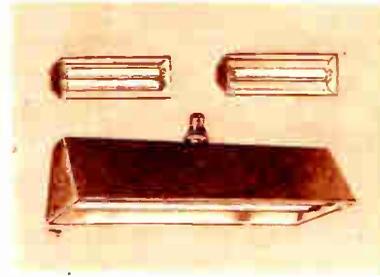
For 110-120 volts, 60 cycles a.c.  
**K25541**—For one 18", 15-watt lamp.  
 Shpg. wt. 5 lbs. **\$3.05**  
**EACH**, Less Lamps.....  
**K25542**—For two 18", 15-watt lamps.  
 Shpg. wt. 6 lbs. **\$5.00**  
**EACH**, Less Lamps.....  
**K25496**—G.E. T-8, Daylight } **95c** each  
**K25497**—G.E. T-8, White }



## Universal FLUOR-O-DAPTER for Home Use

Similar to models above, but of better quality. Adapt any fixture for fluorescent light instantly—no wiring necessary. Reflectors are 18" long, 7 1/4" wide and 4" high. Swivel plug permits rotating reflector in any direction. Two 8-ft. hanging chains also supplied. Baked Morocco exte-

rior finish. With starter. No eye-strain with this modern glareless light.  
**K25494**—For one 18", 15-watt lamp.  
 Shpg. wt. 6 lbs. **\$4.51**  
**EACH**, Less Lamps.....  
**K25495**—For two 18", 15-watt lamps.  
 Wt. 7 lbs. **\$6.47**  
**EACH**, Less Lamps.....



## INDUSTRIAL FIXTURES



### High Power Factor 2-Lamp Unit

Employs two 48", 40-watt lamps and is designed to meet the demands of industry for high levels of illumination for general lighting. Extremely efficient, they greatly improve seeing conditions and eliminate eye-strain. Incorporates latest type Tulamp ballast which reduces flicker to a minimum and corrects power factor. Housing of heavy steel with durable lacquer finish; white porcelain reflector. With starters. For 110-125 volts, 60 cycles a.c. Size: 60" long, 11 1/2" wide. With two 8-ft. chains. Underwriters Approved. Shpg. wt. 38 lbs.  
**K25544**—YOUR COST, Less Lamps..... **\$12.97**  
**K25539**—G.E. T-12, 40-watt White }  
**K25540**—G.E. T-12, 40-watt Daylight } **\$1.90** each



### Low Cost 2-Lamp Unit

Using two 24" 20-watt lamps, this unit is highly efficient yet amazingly economical. Just hang up and plug-in. Has Underwriters Approved ballasts and replaceable starters. English bronze exterior finish, aluminum finished reflector. 24" long, 7 1/4" wide, 4" high. With two 8-ft. hanging chains. For 110-120 v. 60 cycles a.c. Wt. 7 lbs.  
**K25545**—YOUR COST, Less Lamps..... **\$5.72**  
**K25535**—G.E. T-12, 20-watt White }  
**K25536**—G.E. T-12, 20-watt Daylight } **\$1.25** each

Commercial Fixtures listed below and at bottom of page 46 have met requirements of and have been certified by the Electrical Testing Laboratories.

### Open Type Two-Lamp Unit

Utilizes two 48", 40-watt lamps. Tulamp ballast of the latest Approved type corrects power factor and eliminates flicker. With FS-4 starter switches. The metal end plates are finished in Satin Aluminum with chrome plated trimmings. Ends easily removable for access to lamp-holders. Reflector has chip-proof white enamel finish. Comes completely wired, ready for hanging. Length 49", width 8 1/4", height 4 1/4"; canopy is 14 1/2" long, 4 1/2" wide and 1 3/8" deep. Two 3/8" I.P. stems 36" long are also furnished. For 110-125 volts, 60 cycles a.c. Wt. 34 lbs.  
**K25549**—Model 2020. Underwriters Approved. **\$14.62**  
**YOUR COST**, Less Lamps.....  
**K25539**—G.E. T-12, 40-watt White lamp }  
**K25540**—G.E. T-12, 40-watt Daylight lamp } .....each **\$1.90**

### Open Type Four-Lamp Unit

Utilizes four 48", 40-watt lamps. Incorporates latest type Approved ballasts and type FS-4 starter switches (replaceable type). The metal end housings are finished in Satin Aluminum with polished chrome plated trim; easily removable for access to lamps and starting switches. Reflector has chip-proof white enamel finish. Furnished completely wired, ready for hanging. Over-all length 49", 10 1/2" wide, 6 3/4" high; canopy is 14 1/2" long, 4 1/2" wide and 1 3/8" deep. Two 3/8" I.P. stems 36" long are included. For 110-125 volts, 60 cycles a.c. Shpg. wt. 42 lbs.  
**K25550**—Model 2018. Underwriters Approved. **\$25.02**  
**YOUR COST**, Less Lamps.....  
**K25539**—G.E. T-12, 40-watt White lamp }  
**K25540**—G.E. T-12, 40-watt Daylight lamp } .....each **\$1.90**

# FLUORESCENT Lamps & Components

## G.E. MAZDA FLUORESCENT LAMPS

The original and still the best make of fluorescent lamp. The modern lamp for cooler and more efficient lighting. White lamps provide a quality of light approximately the same as that of the ordinary incandescent lamp. Daylight lamps approximate that of ordinary daylight. All fluorescent lamps supply over three times the light output of incandescent lamps of the same wattage input. Rated average life is better than 2500 hours.

White Stock #	Daylight Stock #	G.E. Type	Dimen. LxD	Watts	Your Cost	In Lots Of	Each
K25533	K25534	T-4 1/2	9x 1/2	6	\$1.15	6	\$0.98
K25496	K25497	T-8	18x1 1/2	15	.95	6	.81
K25535	K25536	T-12	24x1 1/2	20	1.25	4	1.06
K25537	K25538	T-8	36x1 1/2	30	1.25	4	1.06
K25539	K25540	T-12	48x1 1/2	40	1.90	3	1.62

NOTE: If prices should be lowered after this catalog is issued you will be charged at the lowest price in effect and the difference will be refunded to you. NEW 100-WATT LAMP: As we go to press a new 100-watt lamp has been announced by G.E. Full details are not available at this time—please write for further information.

## Fluorescent Lamp Sockets

Molded sockets for T-8 and T-12 lamps. A combination and 1 plain socket required for each lamp unless plain starter socket is used.

- Combination Socket (A)
  - K13803—Black. Each .28c
  - K13804—White. Each .30c
- Plain Starter Socket (B)
  - K13805—Black. Each .17c
  - K13806—White. Each .19c
  - K13807—Starter Socket (C). 14c

## Essential Units For The New 6-Watt Lamp

This sensational new lamp is ideal for shaving lamps, small signs, table lamps, etc. It is only 9" long and consumes only 6 watts. For full details see listing at right. Use the following units to make up your own fixtures.

- K13808—T-4 1/2 Sockets. 54c
- K13809—6-Watt Ballast with built-in socket for starter. For 110-125 V. 60 cycles a.c. Less starter. \$2.33
- Your Cost. 37c
- K13810—FS-2 Starter. 37c
- Your Cost. \$1.50

Complete Fixtures for use with Fluorescent Lamps are listed and described on pages 46 and 47. We can supply all styles of Fluorescent Fixtures. Please write for Quotations. We sell all types of Components and Accessories for use with Fluorescent Lamps. If what you want is not listed above please write us giving full details and we will gladly quote Prices.

## Fluorescent Lamp Starters

A new improved glow-type starter for fluorescent lamps. Used in all modern fixtures. Standard type—Underwriters Laboratory Approved. Larger contact area than most starters. Superior mixture of inert gases permits better performance.

- K13811—Type FS-2. For 15 and 20-watt lamps. 37c
- Your Cost. 37c
- K13812—Type FS-4. For 30 and 40-watt lamps. 37c
- Your Cost. 37c

## No. 16 Gauge Type AF Asbestos-Covered Wire

A special No. 16 gauge asbestos-covered wire recommended by the Underwriters Laboratories for wiring fluorescent fixtures. Stranded wire—quite flexible. Two colors available—black and white. Black is usually used for the ground lead—white for the live leg. Solders easily. Heavy enough for most fixtures made for general use. Approximate shipping weight 3 lbs. per 100-foot coil.

- K20921—Black. 2c
- 100 Ft. For \$1.50
- K20922—White. 2c
- 100 Ft. For \$1.50

## G.T.C. Ballasts for Fluorescent Fixtures

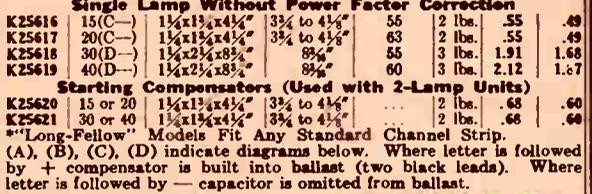


Build your own fixtures with these highly efficient units or use them for replacement purposes. All are for 105-125 V. 60 cycle operation. Absolutely noise-less. Built for continuous trouble-free service. Compensators listed below are only used with two-lamp ballasts for quick lighting of the second tube.

Not required for single units or where compensator is built into ballast. Many utility companies require the use of high power-factor units exclusively. "S" in diagrams refers to Starters.

Stock No.	Lamp Watts	Dimensions Inches	Mounting Centers	Approx. Pr. Fctr.	Shpg. Wt.	Lots 1-19 Each	20 or more Each
<b>Two Lamp Without Starting Compensators</b>							
K25600	2-30(B)	2 3/8 x 3 1/2 x 9 1/2	2x0"	95-100	8 lbs.	\$3.74	\$3.30
K25601	2-40(B)	2 3/8 x 3 1/2 x 9 1/2	2x0"	95-100	8 lbs.	4.03	3.55
K25602	2-15(A)	1 1/2 x 2 1/2 x 14 1/2	13 1/2"	95-100	4 lbs.	2.76	2.74
K25603	2-20(A)	1 1/2 x 2 1/2 x 14 1/2	13 1/2"	95-100	4 lbs.	2.76	2.44
K25604	2-30(B)	1 1/2 x 2 1/2 x 20 1/2	19 1/2"	95-100	6 lbs.	5.10	4.50
K25605	2-40(B)	1 1/2 x 2 1/2 x 20 1/2	19 1/2"	95-100	6 lbs.	5.10	4.50
<b>Two Lamp With Built-in Compensators</b>							
K25606	2-30(B+)	2 3/8 x 3 1/2 x 9 1/2	2x0"	95-100	8 lbs.	4.16	3.67
K25607	2-40(B+)	2 3/8 x 3 1/2 x 9 1/2	2x0"	95-100	8 lbs.	4.46	3.93
K25608	2-15(A+)	1 1/2 x 2 1/2 x 14 1/2	13 1/2"	95-100	4 lbs.	3.18	2.81
K25609	2-20(A+)	1 1/2 x 2 1/2 x 14 1/2	13 1/2"	95-100	4 lbs.	3.18	2.81
K25610	2-30(B+)	1 1/2 x 2 1/2 x 20 1/2	19 1/2"	95-100	7 lbs.	5.52	4.87
K25611	2-40(B+)	1 1/2 x 2 1/2 x 20 1/2	19 1/2"	95-100	7 lbs.	5.52	4.87
<b>Single Lamp High Power Factor</b>							
K25612	15(C)	1 1/2 x 2 1/2 x 8 1/2	8 1/2"	90 or more	3 lbs.	2.33	2.06
K25613	20(C)	1 1/2 x 2 1/2 x 8 1/2	8 1/2"	90 or more	3 lbs.	2.33	2.05
K25614	30(D)	1 1/2 x 2 1/2 x 14 1/2	13 1/2"	90 or more	5 lbs.	3.62	3.19
K25615	40(D)	1 1/2 x 2 1/2 x 14 1/2	13 1/2"	90 or more	5 lbs.	3.62	3.17
<b>Single Lamp Without Power Factor Correction</b>							
K25616	15(C-)	1 1/2 x 1 3/4 x 8 1/2	3 3/4 to 4 1/2"	55	2 lbs.	.55	.49
K25617	20(C-)	1 1/2 x 1 3/4 x 8 1/2	3 3/4 to 4 1/2"	63	2 lbs.	.55	.49
K25618	30(D-)	1 1/2 x 2 1/2 x 8 1/2	8 1/2"	55	3 lbs.	1.91	1.68
K25619	40(D-)	1 1/2 x 2 1/2 x 8 1/2	8 1/2"	60	3 lbs.	2.12	1.7
<b>Starting Compensators (Used with 2-Lamp Units)</b>							
K25620	15 or 20	1 1/2 x 1 3/4 x 4 1/2	3 3/4 to 4 1/2"	2	lbs.	.68	.60
K25621	30 or 40	1 1/2 x 1 3/4 x 4 1/2	3 3/4 to 4 1/2"	2	lbs.	.68	.60

Single Lamp High Power Factor: (A), (B), (C), (D) indicate diagrams below. Where letter is followed by + compensator is built into ballast (two black leads). Where letter is followed by - capacitor is omitted from ballast.



## WHITE-CROSS Pop-Up Toaster



Even the kiddies can make perfect toast with the new White-Cross Pop-Up Toaster! Easy to use selector can be set for any color of toast from light to dark and governs the timing and temperature for obtaining toast just as you want it. Three elements give uniform heat for either one or two slices at a time. Modern curved easy-to-clean design. Highly polished chrome with brown Bakelite handles and feet. Underwriters approved cord. Consumption 700 watts. For 110 volts AC or DC. Shpg. wt. 8 lbs. K25522—Your Cost. \$7.12

## Sensational! Zephyr Rotary Electric Shaver



Only \$2.95

Think of it! A real rotary electric shaver for less than you would expect to pay for an ordinary vibrator type! With this new Zephyr you get a smooth clean shave without irritation or pulling. Four blades made of fine surgical steel rotating rapidly inside of a metal protective screen whisk off each whisker quick and clean. You'll like this new Zephyr so get your order in today! We only have a few on hand. They were made to sell for \$15.00—need we say any more? Include postage for 3 lbs. \$2.95 K25519—Special Sale Price

## PENNWOOD Electric Clock



A beautiful "quick-reading" clock for home or office at a record breaking price! Molded Bakelite case in walnut finish. Self-starting. Modern streamline design. A once-in-a-lifetime bargain! Please include postage for 3 lbs. K25520—Special Sale Price \$2.39

## LUXURAY Bed Lamp



The "better light-better sight" bed lamp. Use this new modern, cool, comfortable Luxuray in place of your frilly old scalp-scorcher and get real enjoyment out of your in-bed reading. Luxuray uses a standard 60 watt lamp bulb and filters the light through the new "Plastacel" diffuser which permits only glareless, conditioned light to come through. Molded of soft Ivory plastic. Shpg. wt. 2 lbs. Less Bulb. K25521—Your Cost Each \$1.26

## Automobile and Boat "THRU-FOG" Light



Penetrates fog, snow, dust and mist. Utilizes a Glodium Treated reflector in combination with a filtering lens. Its powerful orange-amber beam cuts through atmospheric haze with ease. Exterior parts finished in chromium. Complete with switch, long lead and 50 candlepower bulb. Shpg. wt. 3 lbs. List \$9.75 K25486—Each \$7.50

## EVERHOT Timer Clock



Your automatic servant! Prepare your coffee maker in the evening—set the EVERHOT Timer Clock to turn the current on in the morning—and your coffee is ready for you by the time you get up! This is just one of the hundreds of things you can do. Use it with your radio, roaster, lights, in fact anything electrical. Turns the current ON at any time you wish and turns it OFF again at any time you set it for from 15 minutes to 2 1/2 hours later. Also incorporates a manual switch that lets you turn the current ON independent of the clock. Has 30-hour spring wound movement. Handles 1660 watts. Molded plastic case. Wt. 3 lbs. K25498—Your Cost \$4.65

We Will Not Knowingly Be Undersold

**CHICAGO SERVES THE WEST**  
**NEW YORK SERVES THE EAST**  
**ATLANTA SERVES THE SOUTH**

# Serviceman-Dealer Orders are the backbone of Lafayette's business!

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ANNIVERSARY**

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### **LOWEST PRICES!**

Servicemen-Dealers know Lafayette will not be undersold. Our low prices don't just apply to individual items but to the entire Lafayette line of standard, top-quality merchandise. Lafayette's tremendous buying power brings the trade the best in radio at rock-bottom prices. You'll enjoy the same consistent savings—the longer profits—when you

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### **FASTEST SERVICE!**

Realizing the vital importance of service to the radio man, Lafayette maintains huge, complete stocks at strategic centers—Boston, New York, Atlanta, Chicago. Orders are teletyped to the nearest shipping point and receive the fastest, most efficient service in the entire industry. Lafayette offers assurance of prompt delivery. Customers won't wait. You needn't either when you

**Order from Lafayette!**

### **BIGGEST SELECTION!**

Tremendous stocks of old and new parts—dependable products of leading American manufacturers—**EVERYTHING IN RADIO**. This complete assortment enables thousands of Servicemen-Dealers to fill their entire needs at Lafayette—permits the economy and convenience of "one place" buying. Along with this great selection goes Lafayette service—friendly advice and suggestions on engineering, servicing and radio business problems. You'll find it pays to

**Order from Lafayette!**

### **MR. SERVICEMAN-DEALER—HERE'S OUR OFFER**

We offer the sincere cooperation of the largest institution of its kind in the world. We offer you the knowledge and experience of 20 years of specialized radio experience. We offer advice and suggestions to help you with your engineering, servicing and radio business problems.

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

### **TIME PAYMENTS!**

Now it's easy to buy the test or ham equipment you've always wanted (any item for \$25.00 or more). Our easy pay plan doesn't dent your budget. Investigate today!

# BALLAST RESISTORS and VOLTAGE CONTROLS

## Universal Resistor Cord



One cord fits any type set. Any normally used resistance from 22 to 330 ohms in one cord. Full instructions included.  
**K5321—Each 49¢**

## Line Cord Resistors



For ac-dc radio receivers. Flexible and sturdy. Tinned leads.

No.	Ohms	No.	Ohms
K5322	135	K5325	250
K5332	150	K5329	280
K5331	160	K5242	310
K5323	180	K5326	330
K5330	200	K5241	360
K5324	220		
<b>Your Cost Each</b>		<b>29¢</b>	
10 For		\$2.50	

## Special AC-DC Cords With Pilot Light Tap

Like above, but 4-conductors, with pilot light tap. Tinned leads.

Stock No.	Ohms	Tapped at	Your Cost
K5334	165	22.5	<b>33¢</b>
K5335	179	25	
K5336	190	40	
K5337	200	25	
K5338	285	40	
K5339	285	40	

## Special Line Cords For "Wireless" Players

Same in appearance as above, but has fourth wire for antenna or "radiation wire" for wireless phonoscissors, inter-communicators, etc. K5327—350 ohms. For 6A7 and 37 or 76 tube combination.

**Your Cost Each 36¢**  
 K5328—270 ohms. For 6A7 and 2525 tube combination. **36¢**

## 220 Volt to 110 Volt Line Cord Resistors



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

## CLAROSTAT Automatic Line Voltage Regulators



For any 110/120 volt AC receiver not equipped with a line ballast. Compensates for line voltage variations. Wt. 1 lb

Stock No.	Rating Watts	Tubes in Set	Your Cost
K6811	50	4	<b>54¢</b>
K6812	100	5, 6, 7	
K6813	150	8, 9, 10	
K6814	200	11, 12	
K6815	250	2 Type 50	

## Automatic Line Volt. Control

Fit any standard 110 V. AC outlet. For any set up to 9 tubes. Automatically compensates for line voltage variations. Steel clad—air cooled.  
**K16955—Your Cost 30¢**  
 5 For \$1.35



## SERVICEMANS SPECIAL

### Replacement Ballast Tubes

Lafayette offers four of the most popular types of ballast tubes at a price that means BIG SAVINGS for servicemen and dealers. Stock up NOW!

Stock No.	Type	Your Cost Each	Lots of 10 For
K7033	K55B	<b>15¢</b>	<b>\$1.39</b>
K7034	L55B		
K7035	K49B		
K7036	K49C		

## UNIVERSAL Adjustable AC-DC Ballasts



**BALLAST KIT AND BOOK:** Kit contains two type "A", two "B" and one "C" ballasts; prong-break-off-tool, template and FREE 80 page book listing over 2400 types and showing proper replacement. Wt. 2 lbs. **\$2.75**  
**K862—Your Cost, Per Kit. \$2.75**

Only three types are required to service about 99% of the ballasts in use now. Easy o adjust; no extra tools required. Have easily removable pins. Ideal for servicemen and dealers; minimizes stock and prevents obsolescence.

**K855E—Type A, 8 pr.**  
**K857—Type B, 8 pr.**  
**K855E—Type C, 4 pr.**  
**Your Cost 59¢**  
 Lots of 5. Each. 55¢

## TRUTEST Ballast Resistors



For use in all AC-DC midget sets. The 185R and K55 types are for 2-6.3 and 2-25 volt tubes; types 165R and K49 are for use with 3-6.3 and 2-25 volt tubes. Shpg. wt. 1 lb.

**Any Type Listed Below, Your Cost Each 24¢**

No.	Type	No.	Type	No.	Type	No.	Type
K7037	140R8*	K7040	BM55B	K6872	K45D	K6876	L49B
K6868	165R4*	K7041	C9266	K6873	K6873	K49C	L90C
K6869	165R8*	K6860	2VR215	K6874	K49C	K6860	L55B
K6865	185R*		L55B	K6875	K49D	K7045	L80B
K6866	185R4*	K6859	K42B	K7042	K42C	K6870	Y-TU-19
K6867	185R8*	K6870	K55B	K7043	K80C	K55B	
K7039	BM49B	K6871	K55C	K7044	L42D		

\* Indicates glass type, 4 prong; others metal, octal base.

## CLAROSTAT Metal Tube Resistors

Universal type for all AC-DC midgets. Tube will operate regardless of pilot light burnouts; protects condensers and resistors in set. All octal base.

Stock No.	For AC-DC Tubes	Numbers	Ending in Letters	Your Cost Each
K6842	BK, BL, K, L, M	10 to 23	A, B, C, D	<b>57¢</b>
K6845	BK, BL, K, L, M	23 to 55	A, B, C, D	
K6847	BK, BL, K, L, M	23 to 55	F, G, H	
K6848	BK, BL, K, L, M	60 to 92	A, B, C, D	
K6850	BK, BL, K, L, M	60 to 92	F, G, H	
K6851	BK, BL, K, L, M	92 to 105	A, B, C, D	

**FREE:** Ballast Guide Book of 32 pages, with every order.  
**K19944—(When ordered separately 5¢ each.)**

## AMPERITE AC-DC Resistor Tubes

By using these fine regulators, tubes are kept to within 5% of their correct voltage, even if the line varies from 85 to 145 volts. Furnished complete with starting resistor that saves pilot lights and tubes.

\*Asterisk indicates special unit.

**Any Type Below, Your Cost Each 59¢**

No.	Type	No.	Type	No.	Type
K12229	3-40	K12225	200R*	K12232	KL-45
K12238	4P-45	K12227	320R4*	K12236	KL-50H
K12224	165R4*	K12228	E157*	K12229	KL-50S1
		K12233	KL-25	K12230	KL-50S2

### REPLACES ALL AC-DC BALLASTS

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

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

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

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

5B	50	50XR	140R	165R	185R	KX42A
		KX49A		KX55A		

## "Cage" Ballasts For Crosley Radios



These high quality ballasts duplicate the original units used in thousands of Crosley late model receivers. All have perforated metal shells and octal bases. Shpg. wt. 1 lb.

No.	For Model	Type
K12131	418	45788
K12132	576, 676	42520
K12133	647, 647A	44388

**Any Type Above, Your Cost Each 59¢**  
 In Lots of 5. Each 55¢

## Exact Duplicate AC-DC Ballast Tubes



Simplify your serving problems by stocking a few of these special exact duplicate ballast tubes. These are the hard to get types, for which there are no substitutes. Offered at real low prices. Shpg. wt. each 1 lb.

No.	For	Type	Each
K12642	Philco BKV51DJ		<b>55¢</b>
K12125	Zenith	100-70	
K12126	Zenith	100-77	
K12127	Zenith	100-79	
K12128	Ferguson E157	5 For \$2.45	

## Replacement Ballasts

Only popular models listed; others supplied on order. Shpg. wt. 1 lb.

No.	Type
K6805	Brunswick
K6806	Clarion 51, 58
K6808	Grebe SK4-HS-5
K6816	Majestic 70
K6818	Majestic 72
K6818	Majestic 180
K6819	Majestic 90
K6805	Sonora A90-32
K6823	S. W. 90
K6824	S. W. 950
K6825	S. W. R100

**Your Cost Each 85¢**  
 5 For \$4.00

## AMPERITE Voltage Regulator Tubes



Keeps input voltage to receiver constant. Protects condensers and resistors. **For AC sets. Specify type desired.**  
**K19100—For 110 v. sets.**

Tubes Use	Tubes Use	Each
4-5	5A5	11-12 11A5*
6-7	7A5	13-17 20A5*
8-10	9A5	

**K19101—Socket Only 15¢**

## AMPERITE Special Tubes

Exact units for popular sets.

Stock No.	App. No.	For Use in Models
K12455	9-20	Brunswick 14, 21, 31 Brem.-Tully S81, S82
K12456	11-20	Bruns. S14, S21 Brem.-Tully 82, 84
K12457	90	Majestic 90 series
K12605	70	Majestic 70 series
K12606	5-16	RCA R223, G.E. B86

**Your Cost Each, Any Above Type 73¢**

## Battery Ballasts

To Replace	Use Amperite	To Replace	Use Amperite
1A1	5E1	10AB	5H1
1E1	5E1	6	1F1
1G1	4-1	6AA	5E1
1J1	6-1	5-1	5E1
1K1	5H1	LL225	5E1
1N1	1N1	1A2	30
1V1	5H1	1B2	31

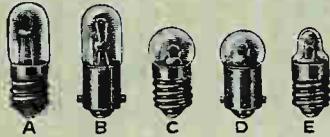
**K19110—Specify Type Your Cost Each 73¢**

# PILOT LIGHTS and NEON BULBS

## Genuine MAZDA Pilot Light Bulbs



Write for additional discounts on large quantities of pilot lamps, —ass't. or all one type. Bulbs rated 6-8 volt are for 6.3 volt receivers.



Tubular Bulb, Miniature Screw Base (A)	Stock No.	Type	V.	A.	Ea.	10 for	100 for
K12274	48	2.0	.06	15c	\$0.88	\$8.14	
K12250	41	2.5	.50	9c	.54	4.99	
K12251	42	3.2	.35	12c	.71	6.47	
K12254	40	6-8	.15	9c	.54	4.90	
K12252	46	6-8	.25	9c	.54	4.90	

Round Bulb, Miniature Screw Base (C)	Stock No.	Type	V.	A.	Ea.	10 for	100 for
K12273	50	6-8	.20	10c	.59	5.39	
K12260	43	2.5	.50	9c	.54	4.90	
K12259	49	2.0	.06	15c	.88	8.14	
K12283	45	3.2	.35	12c	.71	6.47	
K12249	44	6-8	.25	9c	.54	4.90	
K12284	47	6-8	.15	9c	.54	4.90	
K12437	49A	2.2	.12	18c	1.93	8.10	

Round Bulb, Min. Bayonet Base (D)	Stock No.	Type	V.	A.	Ea.	10 for	100 for
K12261	51	6-8	.20	7c	.41	3.82	
K12285	55	6-8	.40	7c	.41	3.82	

### Popular Min. Base Flashlight Bulbs

G-3 1/2 (C) is small round. G-4 1/2 (C) is large round. TL-3 (E) is lens bulb. P-3 1/2 (not illust.) is pre-focussed miniature flange lamp.

Stock No.	Type	V.	A.	Ea.	10 for	100 for
K12200	13 (G-3 1/2)	3.8	.30	9c	54c	\$4.90
K12201	14 (G-3 1/2)	2.5	.30	9c	54c	4.90
K12202	605 (G-4 1/2)	6.0	.50	10c	59c	5.39
K12203*	222 (TL-3)	2.2	.25	9c	54c	4.90
K12204†	112 (TL-3)	1.1	.22	9c	54c	4.90
K12205	233 (G-3 1/2)	2.3	.27	9c	54c	4.90
K12206	PR2 (P-3 1/2)	2.4	.50	13c	76c	7.06
K12207	PR3 (P-3 1/2)	3.6	.50	13c	76c	7.06

\*—White Bead. †—Pink Bead.

### VICTOR Pilot Bulb

Intermediate base, frosted bulb. 110 volts. For Colonial, Victor and other receivers. **K12253—Carton of 10, \$1.32. Each 15¢**

### CANDELABRA BASE 115 Volt Pilot Lights

Genuine GE Mazda lamps. Type S-6. **K12257—6 watts. Each 15¢**  
**K12258—3 watts. Each 25¢**  
 Type C-7. As above, but cone shape. 7 watts. Available in White Frosted—**K12280**; Green—**K12281**; Red—**K12282. 10¢**  
 Any Color, Each

### Tubular Candelabra Base 110 Volt Pilot Lamp

A brand new 4-watt lamp that is ideal for use behind small panel openings, dials, etc. Looks just like a radio pilot lamp. Size: 1/2" diam. 1 1/8" long. **K12272—36¢**  
 Each 10 For \$3.30

### Pilot Light Sockets Miniature, Candelabra, Bayonet Base

Screw Base	Bayonet Base	Price
K6510 A	K6488	5¢ ea.
K6511 B	K6489	
K6512 C	K6490	10 for 40c
K6513 D	K6514	100 for \$3.50

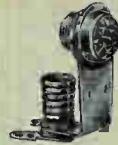
Similar to above with candelabra base.

K6539 A	6¢ ea.
K6547 B	
K6554 C	10 for 54c

### YAXLEY Panel Light

A convenient reflector for panel mounting. Shell base. Mounts in single 1/2" hole. **K6436—Each 38¢**

## Jewelled Pilot-Brackets



Fine quality jewelled pilot brackets, for amplifiers, transmitters, etc. All have faceted jewels, highly polished nickel-plated brass brackets. Standard jewelled brackets have 1/2" jewel requiring a 1/4" mounting hole. Jumbo brackets have a 3/4" jewel, requiring a 1 1/8" hole. Available with **Candelabra 110 V., Miniature Bayonet and Miniature Screw base sockets.**

Base Type	Green	Red	Amber	Each
Min. Screw	K6433	K6432	K6434	10c
Min. Bt.	K6456	K6454	K6458	10c
Cand.	K6427	K6426	K6428	18c

Faceted Jewels Only  
 K6430 K6429 K6431 7c  
 Assembly With 3/4" Jewel  
 Min. Screw K6330 K6331 K6332 29c  
 Cand. K6333 K6334 K6335 29c

## Front Removable Jewel Brackets



For test panel mount in 1 1/8" hole. 1/2" jewel removable; bulb can be replaced from front. Miniature screw base. Fit tubular bulbs only.  
**K6416—Red K6417—Green**  
**K6418—Amber K6425—Opal**  
 Any Type, Each **24¢**  
 Same, but Miniature Bayonet Base  
**K6408—Red K6409—Green**  
**K6410—Amber K6411—Opal**  
 Any Type, Each **24¢**

### Giant 1" Jewel Brackets

Nickel plated assembly. 1" diam. faceted jewels. Jewels available in Red, Opal, Green or Amber: **Specify Color Desired.**  
**K6403—Candelabra Edison Base. Each 54¢**  
**K6404—Miniature Screw Base.**  
**K6405—Miniature Bayonet Base.**

### Trutest Bull's Eye

Just the thing for that new rig! Takes **candelabra** base bulbs type S-6. For panels up to 1/2" thick. 1" diameter glass jewel with set of 4 color discs—red—green—amber—white. Jewel bezel finished in polished chrome. Socket equipped with soldering lugs.  
**K14174—Your Cost 44¢**  
**K14175—Similar to above, but with red or green faceted 1" jewel. Specify color. Requires 1 inch hole for mounting. Candelabra base.**  
**K14176—Same but with miniature base. Either Type, Your Cost Each 53¢**

### 1" Enclosed Pilot Light

**Underwriter's Approved** single unit socket assembly unaffected by heat. All porcelain and brass construction. For standard S6 lamp, removable from front of panel. Single 1" hole for mounting required. Faceted red or green jewel held in highly polished chromed brass.  
**K14140—Red Jewel**  
**K14141—Green Jewel**  
 Either Type, Your Cost **73¢**

### Theater Exciter Lamps

For sound-on-film. Each measures 3 1/4" long, 1" diameter; equipped with single-contact bayonet base. Factory tested.  

Type	Volts	Amps.	Your Cost, Any Type
105	10	5.0	<b>49¢</b>
107	10	7.5	
854	8.5	4.0	

**Type T-5: 15 volts, 1 ampere. Your Cost, Each 75¢**

### Dial Light Coloring

Kit of colors, Red, Green, Blue and Amber, and a bottle of solvent. Each in screw top, wide mouth bottle. Dries in 1 minute. Color is permanent.  
**K15185—Your Cost, Per Kit 27¢**

## NEON GLOW LAMPS



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



No.	Type	Finish	Watts	Each	10 for
K12265	G10	Clear	1/2	36¢	\$3.25
K12266	G10	Clear	1		
K12267	S14	Clear	2	45c	4.05
K12262	S14	Red	2	49¢	4.40
K12263	S14	Orange	2		
K12276	S14	Clear	3	54c	4.86

**Candelabra Base**  
**K12264 T4 1/2 Clear 36c 3.25**  
**K12277 G10 Clear 41¢**  
**K12278 G10 Clear 41¢ 3.65**

**K12279—Argon (blue) lamp. Edison base, clear; 2 1/2 watts. Each 45c**

## RESISTORLESS TYPE Double Contact Bayonet Base



Used in test instruments, noise silencers, voltage regulators, etc. All are genuine GE lamps; highest quality and construction.

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

Additional 10% discount allowed on purchases of lots of 10 resistorless Neon bulbs.

## PORCELAIN RECEPTACLES For Neon Glow Lamps

**K13331—Candelabra base.**  
**K13330—Miniature.**  
 Either Size, Each **7¢**  
**K13327—Edison base. 9¢**  
 Your Cost Each

## NEW Porcelain Candelabra Subpanel Socket



Requires 1 1/8" socket hole. Mtg. holes 1 1/8" apart. 1 inch depth below panel. All porcelain construction.  
**K13387—Your Cost 28¢**

## Subpanel Bayonet Socket

Double bayonet base for use behind panel neon bulbs. Nickel finished panel plate. Bakelite construction. Requires 1 1/8" hole in panel. Mounting holes 1 1/4" apart.  
**K13389—Your Cost 25¢**

## 2-Contact Bayonet Base Socket

Plated brass shell. Spring contacts. Bakelite. Base dia. 1 1/8", height 1 1/4". Fits all double contact bayonet base Neon bulbs.  
**K13332—Your Cost Each 33¢**

## Insulated Pilot Light Sockets



These new **Underwriter's Constructed** pilot light sockets will replace sockets used in all types of receivers built during past years. Fibre insulation with 12" leads, all have bayonet base only.  
**K6476—Type A Your Cost, Any Type, Ea. 10¢**  
**K6491—Type B**  
**K6493—Type C**  
**K6494—Type D**  
 10 For (Any Assortment) **84c**

## Pilot Light Shield

Cadmium plated brass. Ribbed bottom holds shield securely on bulb. For tubular bulbs. Prevents glare from pilot light in receivers, meters or instruments. (10 for 15c.)  
**K12641—Your Cost Each 2¢**

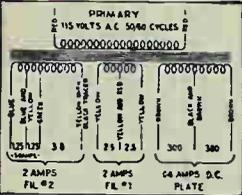
# BARGAINS

# UNIVERSAL POWER TRANSFORMERS

## Midget 4-Tube Transformer



Open frame type, with universal windings permitting use in a great number of 2.5 and 6.3 volt small sets (see diagram). Has coded leads. Shpg. wt. 5 lbs.



**K5632**  
Your Cost  
**Special**  
**59c**

In Lots of 5,  
Each . . . 55c

## Shielded Filter Chokes



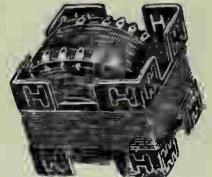
Here's one of the outstanding buys of the season! The high quality filter chokes listed below are fully shielded, and provided with solder lug terminals. Our stocks are extremely limited—so get a supply NOW while they're available. Shpg. wt. 2 lbs. Overall size: 3" high, 2 1/4" wide, 2 1/8" deep.

### 5.1 Henry Choke

Inductance 5.1 Henrys; max. d.c. 50 ma.; d.c. resistance 500 ohms.  
**K1419—Your Cost Each . . . 27c**

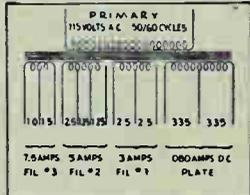
Similar to above, but 40 Henrys inductance; max. d.c. 50 ma.; resistance 1350 ohms.  
**K1420—Your Cost Each . . . 29c**

## 70% DISCOUNT ON THESE POWER TRANSFORMERS MADE BY ONE OF THE WORLD'S LARGEST RADIO MANUFACTURERS!



**EXTRA PROFITS!** They're easy to make when you take advantage of this unprecedented opportunity to stock up on some really universal power transformers! The prices quoted represent only a fraction of their actual worth so place your orders NOW.

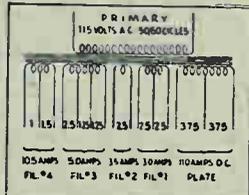
The transformers listed below are universal both electrically and physically. Brackets with "H" type slots permit mounting in every conceivable position—upright, horizontal, flush, etc. Protective shell included. Windings are tapped for universal use.



## For 7-10 Tube Sets

Pri. for 115 volts, 50-60 cycles a.c. Secondaries: 750 v.c.t. at 80 ma.; 5 v.c.t. at 3 amps.; 5 v. tapped at 2.5/1.25/1.25 v. at 5 amps.; 2.5 v. tapped at 1/1.5 v. at 7.25 amps. Size: 4 1/4 x 3 5/8"; centers 1 1/4 to 2". Shpg. wt. 7 lbs.

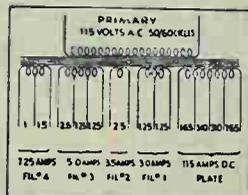
**For 7-10 Tube Sets K5631—Your Cost**  
Lots of 5, Each . . . 85c



## For 10-12 Tube Sets

Pri. for 115 volts, 50-60 cycles. Secondaries: 750 v.c.t. at 110 ma.; 5 v.c.t. at 3 amps.; 2.5 v. at 3.5 amps.; 5 v. tapped at 2.5/1.25/1.25 v. at 5 amps.; 2.5 v. tapped at 1/1.5 v. at 10.5 amps. Size: 4 1/4 x 3 5/8"; centers 1 1/4 to 2 1/4". Wt. 8 lbs.

**For 10-12 Tube Sets K5629—Your Cost**  
Lots of 5, Each . . . \$1.10



## For Class "B" Sets

Pri. for 115 volts, 50-60 cycles. Secondaries: 165-310-310-165 v. at 115 ma.; 2.5 v.c.t. at 3 amps.; 2.5 v. at 8.5 amps.; 5 v. tapped at 1.25/1.25/2.5 v. at 5 amps.; 2.5 v. tapped at 1/1.5 v. at 7.25 amps. 4 1/4 x 3 5/8"; centers 1 1/4 to 2 1/4". Wt. 9 lbs.

**For Class "B" Sets K5630—Your Cost**  
Lots of 5, Each . . . 95c

## 6-Lever Mechanical Push-Button Switch



Originally used by a large set manufacturer. We're offering them at about 1/10th their original cost because they are incomplete. Experimenters can make good use of them. Have 6 levers working on a cam arrangement that drives a master gear (designed to mesh with gear on variable condenser). Shpg. wt. 2 lbs.  
**K9605—Each . . . 15c**

## 465 Kc I. F. Transformer



Fine quality i.f. coil at an unusually low price. Accurately wound; impregnated. Ceramic base, dual trimmer included. Square drawn aluminum can, natural finish. Shpg. wt. 1 lb.  
**K10033—Each . . . 26c**  
10 For . . . \$2.25

## 456 Kc Midget I. F.



Midget, double tuned i.f. transformers ideal for the set builder. Trimmers have genuine Isolantite bases and are top tuned. In 1 3/4" round cans.  
**K10035—Each . . . 26c**  
10 For . . . \$2.25

## Mallory "4-4" Vibrator



A competitively priced vibrator similar to the standard Mallory type 294, but with 4 contacts, Non-synchronous. Size: 3 1/4 x 1 1/4". For low drain out or battery sets. Shpg. wt. 2 lbs.  
**K6089—Your Cost \$1.03**  
In Lots of 6, Each . . . 93c

## DELCO Auto Radio Plates



Each kit comprises the panel plate, all hardware, matched knobs and instructions. For use with popular makes of autos. Quantity limited at this low price. Shpg. wt. 5 lbs.

**K9880—10 Kits, All Different . . . 89c**

## DELCO VIBRATORS

### Last Chance At These Prices!

Take advantage of this price scoop! These genuine DELCO vibrators are all brand new, in perfect condition, and packed in factory cartons. Diagram shows wiring scheme. Get your orders in NOW. Shpg. wt. each 3 lbs.  
**K1088—Delco No. 5050673, 4-prong non-synchronous. For 1938-1939 Chevrolet, Oldsmobile. Size: 1 3/4 x 3 5/8" high. 69c**

**Your Cost Each, Special K1060—Delco No. 5060845, 4-prong non-synchronous. As above, but smaller. For later models. 1 1/2 x 3 1/4". 59c**  
**Your Cost Each, Special**

## Triangle Auto Antenna



Fibrex insulation pieces. Long sash cord antenna wire. Tension spring and eye bolt assembly. Wt. 4 lbs.  
**K16472—Your Cost 33c**

## Oldsmobile 1937-38 Aerial Kit



Genuine DELCO kit. Converts the running board of 1937-38 Oldsmobile into efficient aerials. Easy to install. Wt. 3 lbs.  
**K16252—Your Cost 39c**

## Plastic Dial Knobs



Handsome taupe (pearl gray) plastic knobs 1 1/4" dia., 3/8" deep. Take 1/4" shafts. Will not chip or crack.  
**K9646—Each . . . 4c**  
10 For . . . 33c

## Walnut Radio Knobs



Highly polished walnut finished wood radio knobs. Spring type (push-on). Have rounded tops and ridged sides as illustrated. Each  
**K10225—1 1/4" dia., 3/8" H. . . 3c**  
**K10226—1 1/8" dia., 3/8" H. . . 3c**

## R.M.A. Color Coded Carbon Resistor Kits

**Kit of 100** All popular replacement values. Kit contains approximately 25 - 1/2 watt, 25 - 1/4 watt and 50 - 1 watt resistors. Wt. 2 lbs.  
**K3852—Kit of 100 . . . \$1.15**

**Kit of 50 Resistors** Like above, but contains: 40 - 1/4 and 1/2 watt and 10 - 1 watt resistors. Shpg. wt. 2 lbs.  
**K3859—Kit of 50 . . . 52c**

**Kit of 25 Resistors** Contains twenty-five assorted coded resistors, 1/4, 1/2 and 1 watt sizes. Shpg. wt. 1 lb.  
**K3867—Kit of 25 . . . 29c**

# Condensers at New Low Prices

**QUANTITIES LIMITED!**

## 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... **55¢**

## Kit of 10 Popular Dry Electrolytics



Ten dry electrolytic units. Included are carton, tubular and aluminum can types, etc. Single and multiple section electrolytics in each kit. Bypass and filter (550 volts peak) types. Shpg. wt. 3 lbs. **K3869**  
Kit of 10 Your Cost... **88¢**

## Kit of 10 Wet Electrolytics

Kit of 10 popular sizes in brand new, tested wet electrolytics. Shpg. wt. 3 lbs. **K3869**—Your Cost... **84¢**

## 8 Mid., 350 V. Tubular Dry Electrolytic

Tubular unit in cardboard case; has pigtail leads. 8 mfd., 350 volts working. Approximate size: 2 3/8" long, 3/4" diameter. **K566**—Each... **12¢**  
10 For... **\$1.10**

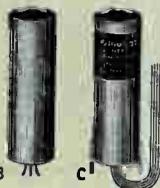
## Mounting Clamps



**K936**—(A) For condensers from 1" to 1 1/2" dia.  
**K937**—(B) For 1 1/4" to 1 1/2".  
Your Cost Each... **2 1/2¢**  
10 For... **20¢**

## General Purpose Dry Electrolytics At Prices That Can't Be Beaten

**QUANTITIES LIMITED!**



Stock up NOW, while our limited supply lasts. All are brand new and accurately rated. Three popular types are available, as illustrated. Shpg. wt. 8oz.

### RECTANGULAR FLANGED CARTONS (TYPE A)

Stock No.	Cap. Mfd.	Wkg. Volts	Dimensions	Each
<b>K3200</b>	8	450	3 x 1 1/4 x 1 1/4"	14c
<b>K3201</b>	8-8	450-450	3 x 1 1/4 x 1 1/4"	33c
<b>K922</b>	4-10-10	350-25-25	2 1/2 x 1 x 1 1/4"	8c
<b>K672*</b>	8-8-5-5	880-280-40-40	4 1/2 x 1 3/4 x 1 1/4"	9c
<b>K3202</b>	16-8-5-5	200-200-25-25	3 x 1 1/4 x 1 1/4"	34c
<b>K3204</b>	16-16-8-5-5	200-200-200-25-25	3 x 1 1/4 x 1 1/4"	39c

\*Has one flange.

### UPRIGHT TUBULARS LESS CLAMP (TYPE B)

<b>K681†</b>	8-8	250 20	3 3/8 x 1 3/8"	10c
<b>K995†</b>	8-8-8	25-25-25	2 3/8 x 1 3/8"	18c
<b>K798†</b>	8-8	475-475	2 3/8 x 1 3/8"	12c
<b>K743†</b>	4-12	250 250	4 3/8 x 1 3/8"	

†Metal Tube

†Fibre Tube

### FIBRE TUBE WITH SPADE LUGS (C)

<b>K696</b>	8-8	475	3 1/2 x 1 3/8"	33c
<b>K689</b>	14-18-10-10	175-175-35-35	3 1/2 x 1 3/8"	33c
<b>K692</b>	16-8-5-5	175-175-35-35	3 x 1 3/8"	33c
<b>K694</b>	16-16-8-5-5	175-175-35-35	3 1/2 x 1 3/8"	33c

## High Capacity Tubulars

These compact high-capacity tubulars are used in almost all of the new "3-way" combination portable radios. Overall dimensions: 1 1/4" long by 3/4" diameter, Tinned leads.  
**K697**—50 mfd.—50 V. .... **12c**  
**K698**—100 mfd.—50 V. .... **15c**  
**K699**—200 mfd.—50 V. .... **17c**

## Wet Electrolytics



Popular sizes of wet electrolytics in inverted and upright mtg. styles. At new low prices. Inverted type with patent; upright type less clamp. Shpg. wt. 1 lb.



### INVERTED TYPE—1x4 1/2" Dia.

No.	Mfd.	Volts	Each
<b>K796</b>	20	175	11c
<b>K891</b>	8	250	11c
<b>K892</b>	16	250	12c
<b>K795</b>	8	450	12c
<b>K917</b>	16	450	13c
<b>K920</b>	24	450	14c
<b>K710*</b>	16	320	9c

\*Size: 1 3/8 x 4 1/4"

### UPRIGHT TYPE—1 3/8" Dia.

<b>K935</b>	25	150	11c
<b>K932</b>	8	300	11c
<b>K933</b>	18	300	7c
<b>K934</b>	30	300	13c
<b>K930*</b>	25	350	13c
<b>K729</b>	40	150	9c
<b>K732</b>	24	350	9c
<b>K735</b>	16	450	12c

\*8" high; others 4" high.



## "Veri-Thin" Dry Electrolytics

Ultra compact units that fit in the smallest spaces. Wax impregnated cases 3" long by approx. 3/8" thick. Tabs at each end take 6-32 screws. Can be bolted together to form multiple section units.

Stock No.	Cap. Mfd.	Work. Volts	Your Cost
<b>K2686</b>	5	35	12c
<b>K2687</b>	5-5	35	14c
<b>K2688</b>	25	50	15c
<b>K2689</b>	50	50	14c
<b>K2691</b>	4	200	15c
<b>K2692</b>	12	200	17c
<b>K2693</b>	16	200	18c
<b>K2694</b>	20	200	20c
<b>K2695</b>	2	550	14c
<b>K2696</b>	4	550	15c
<b>K2697</b>	8	550	22c

## Universal Tubular Dry Electrolytics



Three sizes listed will service about 90% of the small midgets on the market today. Each is supplied with two mtg. brackets, one for vertical and one for horizontal mounting. All are 150 volts wkg., 200 volts peak.

No.	Mfd.	Size	Each
<b>K997</b>	20-20	1x2 3/8"	23c
<b>K998</b>	30-20	1x2 3/8"	26c
<b>K999</b>	40-30	1x3 3/8"	30c

**SPECIAL OFFER:** By buying a Kit of 6 Condensers (2 each of the above) with 12 brackets, you SAVE!

**K1000**—Kit of 6... **\$1.49**

## Tubular Cartridge Paper By-Pass Units

A line of standard size tubular bypass condensers at extremely low prices. Tinned copper leads.



### 400 VOLTS (WKG.)

No.	Mfd.	Each	No.	Mfd.	Each
<b>K3507</b>	.01	3c	<b>K3510</b>	.25	7c
<b>K3508</b>	.05	4c	<b>K3511</b>	.5	10c
<b>K3509</b>	.1	4c	<b>K3526</b>	1.0	15c

### 600 VOLTS (WKG.)

<b>K3512</b>	.001	3c	<b>K3517</b>	.02	4c
<b>K3513</b>	.002	3c	<b>K3518</b>	.05	4c
<b>K3514</b>	.005	3c	<b>K3519</b>	.1	5c
<b>K3515</b>	.006	3c	<b>K3524</b>	.25	7c
<b>K3516</b>	.01	3c	<b>K3525</b>	.5	10c

## 8-10 Mfd. Dry 475-475-50 V.

Completely shielded dry electrolytic for any style mtg. Black neg. lead (also can); red and blue leads each 8 mfd. at 475 v.; green lead 10 mfd., 50 v. Size: 5 1/2" long, 1 1/8" dia.

**K940**—Each... **21¢**  
10 For... **\$1.85**

## 8-10 Mfd., 450-50 V.

Metal can unit, like above. Blue lead 8 mfd., green lead 10 mfd., black neg. (and can). **K939**—Each... **18¢**  
10 For... **\$1.65**

## 25-20-10 Mfd. 150 Volts

1 1/4" diameter can, 4 3/4" long. Color coded leads: Black and can—common negative; Red—25 mfd.; Green—20 mfd.; Blue—10 mfd.

**K744**—Your Cost Each... **18¢**

## BLUE SPOT Midget Dry Electrolytics

Diminutive electrolytics in all standard capacities and working voltages. In tubulars with long pigtail leads, or compact carton type with flanges and leads.

### TUBULARS

550 Volts Peak			
No.	Mfd.	Size	Each
<b>K954</b>	8	7/8 x 1 1/2"	16c
<b>K955</b>	16	1 x 2 1/2"	29c
<b>K956</b>	8-8	1 x 2 1/2"	29c
200 Volts Peak			
<b>K948</b>	8	3/4 x 1 1/2"	14c
<b>K949</b>	16	3/4 x 1 1/2"	20c
<b>K950</b>	20	3/4 x 1 1/2"	22c
35 Volts Peak			
<b>K951</b>	5	3/4 x 1 1/2"	11c
<b>K952</b>	10	3/4 x 1 1/2"	14c
<b>K953</b>	25	3/4 x 1 1/2"	16c

### COMPACT CARTONS

550 Volts Peak			
No.	Mfd.	Size	Each
<b>K965</b>	4	3/4 x 2"	14c
<b>K966</b>	8	3/4 x 2 1/2"	16c
200 Volts Peak			
<b>K957</b>	8	3/4 x 2 1/2"	14c
<b>K958</b>	12	3/4 x 2 1/2"	17c
<b>K959</b>	16	3/4 x 2 1/2"	20c
<b>K960</b>	20	3/4 x 2 1/2"	22c
<b>K961</b>	4-4	3/4 x 2 1/2"	18c
<b>K962</b>	8-8	3/4 x 2 1/2"	20c
<b>K963</b>	16-8	3/4 x 2 1/2"	24c
<b>K964</b>	16-16	3/4 x 2 1/2"	26c
35 Volts Peak			
<b>K967</b>	5	3/4 x 2 1/2"	11c
<b>K968</b>	10	3/4 x 2 1/2"	14c
<b>K969</b>	25	3/4 x 2 1/2"	16c
<b>K970</b>	50	3/4 x 2 1/2"	22c
<b>K971</b>	5-5	3/4 x 2 1/2"	16c
<b>K972</b>	10-10	3/4 x 2 1/2"	19c

## BARGAINS! In All Types of Kits!

We have become famous for our Bargain Kits. Brand new clean merchandise of good quality carefully packed and offered at un-beatable low prices! Servicemen, Amateurs, Experimenters all SAVE by buying Kits!

Molded Micacs (25 asstd.)	<b>29¢</b>
<b>K4167</b> —Special Price	<b>29¢</b>
Candohm Resistors (10 asstd.)	<b>19¢</b>
<b>K3851</b> —Special Price	<b>19¢</b>
Vitreous Voltage Dividers (10 assorted).	<b>39¢</b>
<b>K3853</b> —Special	<b>39¢</b>
Grid Bias Resistors (15 assorted)	<b>15¢</b>
<b>K3850</b> —Special	<b>15¢</b>
Molded Bakelite Knobs (10)	<b>15¢</b>
<b>K9662</b> —Special Price	<b>15¢</b>
Wood Spools (10)	<b>25¢</b>
<b>K9645</b> —Special	<b>25¢</b>



Wafer Sockets (20 asstd.)	<b>19¢</b>
<b>K13111</b> —Special Price	<b>19¢</b>
Rotary Band Switches (5 assorted).	<b>35¢</b>
<b>K12967</b> —Special	<b>35¢</b>
Trimmer—Padder Condensers (10 assorted).	<b>25¢</b>
<b>K9609</b> —Special	<b>25¢</b>
Dial Scales (10 assorted).	<b>9¢</b>
<b>K9801</b> —Special	<b>9¢</b>
R. F. Chokes (10 assorted).	<b>25¢</b>
<b>K10110</b> —Special Price	<b>25¢</b>
Wire Assortment (1000 ft.)	<b>\$1.75</b>
<b>K16382</b> —Special Price	<b>\$1.75</b>
Wire Assortment (500 ft.)	<b>98¢</b>
<b>K16383</b> —Special Price	<b>98¢</b>

**BUY NOW - QUANTITIES LIMITED**

# VOICERS BARGAINS. QUANTITY LIMITED!



## SPECIAL! 4" PM DYNAMIC

The type of speaker used in 3 out of every 5 midgets. Why buy a replacement cone when you can buy this speaker at

practically the same price. Diameter overall 4". 1 1/2 oz. permoflux magnet. Shpg. wt. 1 lb.

**K19242—Your Cost Special..... 49¢**

## WIRE SPECIALS!



Our wire bargains have become famous from coast to coast. We are listing below an extra-special selection guaranteed to make you sit up and take notice. In view of the tremendous rise in the cost of copper these prices are doubly amazing!

### No. 18 Rubber Hookup

Extra flexible. 41 strands of bare copper covered with 1/64 wall of five white rubber. Excellent for lead-ins also.

**K16389—100 ft. coil Your Cost..... 22¢**

**K16390—1000 ft. spool..... \$1.90**

### Latex Covered Hookup

No. 20 solid wire with a thin tough covering of latex rubber.

**K16181—50 ft. coil Your Cost..... 12¢**

**K16182—250 ft. coil..... 50¢**

## SPECIALLY PRICED! Heavy Gauge Lead-in Wire



Heavy-duty No. 14 gauge lead-in wire that will stand up under the most rigorous conditions. Has four tinned center strands of extra

high carbon steel for greater tensile strength. Will withstand a pull of 250,000 lbs. per square inch. 3 outer strands of tinned copper. Overall covering of weatherproof 1/4" rubber wall.

**K16330—100-ft. coil Per Coil..... 24¢**

**K16331—250-ft. coil..... 55¢**

**K16332—500-ft. coil..... \$1.00**

## AC-DC Aerial Wire



Made especially for use with a.c.-d.c. midgets. Stranded

conductor, rubber insulation. **K16130—In 25-ft. rolls, Each 6¢**

**10 Rolls For..... 50¢**

**K16131—250-ft. Roll Your Cost..... 45¢**

## BALLAST TUBES

### At Deeply Cut Prices

Some of the most popular glass-type ballasts, used in all types of receivers, at ridiculously low prices! All clean fresh stock made by a well known manufacturer. Dealers and Servicemen

stock up now! We may never again be able to offer such fine quality ballasts at prices as low as these! Quantity Limited.

**Stock No. Type No. Each**

**K7027 M55H..... 8¢**

**K7028 03..... 10¢**

**K7029 K49C.....**

**K7030 K49B.....**

**K7032 K42C.....**



## Cinaudagraph Speakers Prices Slashed Below Cost!

Only a few of each type left and unless you act fast you may be disappointed. Never before have you had such an opportunity to get a real bargain. Nationally famous, super-quality speakers at phenomenally low prices. Both electro-dynamic and PM types available. Grand for radios and PA amplifiers.

**6-Inch PM Model (B)—8 oz. magnet. Handles 6 watts. Complete with universal transformer to match all type tubes. Shpg. wt. 3 lbs. K19291—Your Cost..... \$1.59**

**8-Inch PM Model (A)—11 oz. permanent magnet. Handles 8 watts easily. Complete with universal tube matching transformer. Shpg. wt. 4 lbs. List \$10.75 K19306—Your Cost..... \$1.95**

**5-Inch Model (B)—Electro-dynamic with 1800 ohm field. Transformer for single pentode such as 42, 2A5, etc. (7500 ohms). Shpg. wt. 2 lbs. K19241—Your Cost..... 89¢**

**6 1/2-Inch Model (B)—Similar to above in all characteristics but with 6-inch cone. Shpg. wt. 4 lbs. K19244—Your Cost..... 98¢**

**8-Inch Model (B)—Similar to above in all characteristics but with 8-inch cone. Shpg. wt. 4 lbs. K19249—Your Cost..... \$1.25**



## Electro-Dynamic Speaker Specials!

It isn't often that we can offer bargains like these! Top quality speakers made by some of the largest radio manufacturers. Each and every one perfect brand new merchandise and just the thing for use in a radio receiver, phono combination or public address system. Unfortunately we do not have many of each type on hand — so get your order in early and avoid disappointment. Average Shipping Weight 5 lbs.

Stock No.	Diam.	Field Ohms	Input Ohms	Each
K19267	6 1/2"	900	Transformer 6000	\$0.75
K19259	6 1/2"	1000	Voice coil 8	.75
K19203	8"	450	Transformer 2500	.95
K19260	8"	900	Voice coil 8	.95
K19204	8"	900	Transformer 6000	1.10
K1927E	8"	6 Volt	Voice coil 8 ohms	.55

## AUBURN RADIO TUBES

### \*Six Months Guarantee

Amazingly low prices on a good grade of tubes fully licensed under RCA patents. Dependable in performance and guaranteed (except for breakage and burnouts) for six months from date of purchase.

Type No.	List	Your Cost	Type No.	List	Your Cost
1C5GT	\$1.25	45¢	6J7GT	\$1.00	27¢
1H5GT	1.00	34¢	24A	.80	26¢
1N5GT	1.25	35¢	25L6GT	1.00	37¢
1Q5GT	1.25	48¢	25Z5	.80	26¢
1T5GT	1.25	48¢	25Z6GT	.80	29¢
6A7	.80	29¢	27	.60	22¢
6A8G	.80	28¢	30	.80	26¢
6C5	.80	26¢	43	1.00	29¢
6D6	.80	26¢	45	.70	25¢
6F6	1.00	37¢	80	.60	21¢
6K7GT	1.00	27¢			

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

## BATTERY BARGAINS!



Plug-in type batteries at sensationally low prices! Fresh stock always on hand due to our tremendous turnover of these popular batteries. Equal in quality to many batteries selling at considerably higher prices. Perfected cell construction assures maximum life and quiet operation. Dealers: Your customers will like these batteries because of their long life and you will make more profit because of their low prices. Plugs not supplied but available if needed as listed below.

Stock No.	Volts	Type	Dimensions	Shpg. Wt.	Your Cost
K20179	45	Regular B	7 3/8 x 7 3/8 x 4 3/8"	8 lbs.	94¢
K20180	45	Heavy Duty B	7 3/8 x 7 3/8 x 3 1/2"	12 lbs.	\$1.28
K20181	4 1/2	Standard C	4 x 3 3/8 x 1 1/2"	1 lb.	24¢

**Standard Plugs to fit above or similar batteries.**

**K20591—For 45 V. "B" Batt. 3 3/4¢ K20592—For 4 1/2 V. "C" Batt. 3 3/4¢**

**No. 6 Dry Cell Standard 6 1/2 volt dry cell for general use in radio receivers, etc. K20182—Wt. 3 lbs. Each..... 21¢**

**Flashlight Cells No. 1: 1x1 1/2". No. 2: 1 1/4 x 2 3/8". K19841—No. 1 K19840—No. 2 Either Type Each..... 4¢ 10 For..... 35¢**

## 4 1/2" Dynamic

A swell buy if there ever was one! A substantially built electro-dynamic with a 215 ohm field and a 6 ohm voice coil. Complete with base bracket. 4 1/2" outside diameter. Excellent as a replacement speaker for midget sets. Plated frame. Shpg. wt. 2 lbs.

**K19257—Your Cost Special..... 49¢**

## JENSEN AC "Woofer" and "Tweeter" in Special Infinite Baffle



Designed especially for the finest theatre sound systems, this unit is ideally suited for Public Address where high-quality speech or music reproduction is essential. Made entirely of wood with sound absorbing liner and includes a Jensen Hi Frequency Model Q Tweeter plus a large 14" Jensen Woofer Model M-20. The latter will handle a peak power of 25 watts and has a range from 40 to 6000 c.p.s. Field excitation for both speakers from built-in supply. Dimensions: 25 1/4 x 18 x 13 1/2". Knockout box on side for cables. Shpg. wt. complete 125 lbs. For 110 V., 50/60 cycles a.c. operation.

**K22576—Your Cost..... \$29.50**

## DeLuxe Appliance Cord



Rayon-covered and asbestos-insulated first quality 10,000 cycle heater cord with molded rubber plugs. Shpg. wt. 2 lbs.

**K25485—Your Cost Special..... 29¢ Lots of 6 Each..... 25¢**

## All-Rubber Parallel Lamp Cord



"Zip-to-Rip" type all-rubber lamp cord. Two No. 18 gauge stranded copper conductors. Excellent for lamps, fixtures, speaker lines, etc. Lowest prices ever offered!

No.	Length Ft.	Each	No.	Length Ft.	Each
K16396	6	7¢	K16398	25	22¢
K16397	15	14¢	K16399	50	40¢

## Heavy-Duty Rubber Cord



Real close-out prices on heavy-duty cord. Used for extension lights, tools, amplifiers, and wherever the electric cord must stand considerable abuse. Two No. 18 conductors of stranded copper. Heavy rubber overall. Diam.—.325 inches. Shpg. wt. 5 lbs. per 50-ft.

Stock No.	Length	Your Cost
K16392	10-ft.	15¢
K16393	15-ft.	21¢
K16394	25-ft.	34¢
K16395	50-ft.	65¢

# BUY NOW -- QUANTITIES LIMITED

# PHONOGRAPH EQUIPMENT

## UNIVERSAL Phono Player Mike



An excellent heavy duty single-button carbon mike for use with wireless record players, home talkies, radios, etc. Enjoy all the thrills of broadcasting.

**K13723**—Single-button carbon mike, with connecting cable and tips. With 6 ft. cable. Shpg. wt. 2 lbs. **Each \$2.69**

## RCA Home Broadcasting Mike

High-efficiency one-button hand microphone, at a sensationally low price. Excellent for home broadcasting, phono oscillators, home recording, etc. Input impd. 1200 ohms. Mike current 5-10 ma. Shpg. wt. 2 lbs. **K13784—Your Cost \$73**



## RCA "Mystery" Oscillator With Hand Microphone



**K10600**—RCA Oscillator with tube and hand mike. **List \$8.95 Your Cost \$2.95**

Designed and built by RCA, this efficient coupling unit enables you to play your record player through your radio without making any wired connections to the set—or by using the fine little hand mike that's supplied, you can talk through the radio set, make speeches or fool your friends at parties with "phony" announcements. And it's offered at a price that's far below what you'd ordinarily have to pay. Uses a 12A7 tube and has built-in volume control. Housed in metal container 4x3x7". For 110 volts a.c. or d.c. Shpg. wt. 3 lbs.

## Phono Adapters With Switch



For connecting record players to radio sets that do not have phono-graph terminals. Includes a shielded switch for changing from phono to radio. Instructions included. **K11607**—For sets with 5-prong detector (27, etc.) or 1st a.f. **K11608**—For 6-prong tubes (42, 43, 48, etc.). **K11609**—For metal tubes (6B8, 6F6, etc.) used as first audio. **K11610**—For screen grid detectors (6J7, 6Q7, 6R7, 24A, etc.). Not plug-in. Cap fits on tube. **Your Cost Each, Any Above Type \$71**

## Grid-Cap Phono Adapter



Permit quick and convenient connection of phono pick-ups to grid cap of detector or first audio tubes. Clips for connections.

**K11643**—For Glass Tubes **K11644**—For Metal Tubes **Your Cost Each \$26**

## Record Player Adapter



For attaching a record player to any radio receiver. Very easy to attach. Can be mounted entirely inside of cabinet, or with knob protruding outside of cabinet. Instructions included. Wt. 1 lb. **K11640—Each \$95**

## Mike and Phono Adapters



Especially designed for use with microphone or phono pick-up. Adapter is inserted in tube socket and tube in adapter. Only a minute to install.

**K12628**—5 Prong **Each \$54**  
**K12629**—6 Prong  
**K12630**—7(S) Prong  
**K12631**—8 Prong

## RCA Record Player Connecting Switch and Cable



For connecting any record player to a radio receiver. Consists of a small switch mounted on an insulated plate, with attached connecting cable. Readily attachable to any radio. Comes complete with knob and mounting screws. Shpg. wt. 1 lb. **K22006—Your Cost \$59**

## Speaker and Headphone Adapters



For adding P.M., magnetic speaker, or headphones to any radio set. Adapters fit under final audio tube. Bakelite case. With instructions for use.

Easy to install—no tools or soldering required. **K11745**—4 Prong **Each \$88**  
**K11746**—6 Prong  
**K11747**—8 Prong

**Gummed Record Labels** Neatly printed. Have spaces for title, date and name of recorder. Fit all discs; adhere firmly. **K431—Package of 50 \$25**



## ICA Hand Mike

A popular style hand mike for use with any radio set. Has appearance of crystal type mike. "On-off" switch mounted on handle. Furnished with 10-ft. tipped cord and connector plug. Complete with instructions. **K13378—Each \$1.18**

## PHILMORE Hand Microphone

A real hand microphone. Works with any set using a loud-speaker. Does not interfere with reception. Switch on handle permits reception or use of mike at will. Finished in chrome plate and black lacquer. **K13831—Your Cost \$98**



## Jr. Mike

Easy to attach to any radio, and it works. In brown finished metal case with attachment cord. Has a push switch to cut radio out whenever desired. Shpg. wt. 1 lb. **K13379—Each \$54**



## ICA Mike Booster

For connection between any single-button carbon mike and radio set. Increases sensitivity and limits button current to a safe value. Has mtg. brackets, and insulated binding posts for connection. With instructions. **K13392—Your Cost \$59**

## RCA Orthophonic Sound Box

Universal; fits all RCA phonographs except 2-35. Bronze finish. No. 6927. Shpg. wt. 1 lb. **K350—Each \$2.94**



Record players on pages 38-39. Other phono equipment on pages 79 through 84.

## QUAM Permanic Mike

Uniquely different, yet carefully made moving armature microphone. Ideal for amateurs, for P.A. and sound work, for intercom-municator systems, etc. Output—50 db; range 60 to 8000 c.p.s. Not affected by temperature or humidity. In sturdy metal case with brown finish. Size: 5 1/2" H., 4 1/8" W., base 3 1/4" in dia. Grille cloth over front. High impedance. With 5 ft. cord. Wt. 3 lbs. **K19289—Each \$1.76**



## Add-A-Mike Channel and Control Unit



Permits use of additional mike. With single-contact connectors for 2 mikes and 6 ft. cable with connector for amplifier connection. Volume control for each mike input. Grey wrinkle case. Wt. 2 lbs. **K13778—Your Cost \$4.75**

## Special Value "Mystery" Oscillator

Converts your record player into a "mystery" player—to play through your radio. Uses a 6A7 and a 76 tube. Tunes from 1590 to 1600 kc. Metal chassis 5 1/4 x 3 x 1 1/2". Shpg. wt. 3 lbs. **K10587—Less Tubes \$2.15 Your Cost**  
In kit form, with instructions. **K10588—Less Tubes \$1.75**



## Lafayette "Mystery" Phono-Oscillator

Intriguing and convenient unit for enabling phonograph record player reproductions to be obtained from any receiver, without any connecting wires between two. Connects to any conventional record player; operates from any 110-120 A.C.-D.C. line. Employs only two tubes, a 76 and a 6ASGT, hence is very economical to operate. Shpg. wt. 5 lbs. **K10596—Complete with tubes. \$3.95 Your Cost**

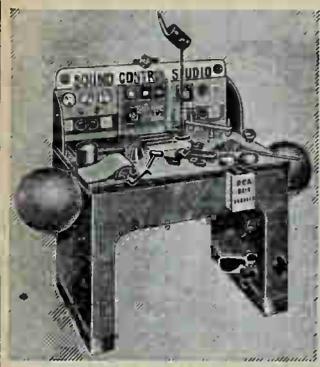


## De Luxe "Mystery" Transmitter Hi-Fidelity Reproduction

For those who desire to have a fine record player play through a deluxe radio receiver without connections or wiring changes to the set. Engineered to transmit high-fidelity music from the record player to radio receiver, without any sacrifice in quality or power, and without any connections between the two. Employs 6SQ7, 6L7 and 6ZY5. Also, has microphone jack for home broadcasting. For 110-120 volt, 60 cycle a.c. operation. Shpg. wt. 7 lbs. **K10597—Complete with Tubes. Your Cost \$7.45**



# over 65% discount on RCA "SOUND STUDIOS"



Rain—Wind—Trains—Horses—Whistles—Guns—Etc.

## Make Realistic Sound Effects—It's Loads of Fun!

Entertain your family and friends with this genuine RCA Sound Control Studio. It was designed by NBC sound engineers—simulates sound effects broadcast over the air. There are many entertaining, realistic sounds you can produce, including: wind, rain, surf, explosions, gun shots, thunder, police whistles, cow moos, cow bells, door slams, squeek or brakes and door hinges, train whistles and engine exhaust, telephone bell, fire bell, horses hoofs, frying eggs and the familiar NBC chimes. The entire kit is shipped with a sturdy table constructed of heavy cardboard, with attractively printed "studio panel" background. The table measures 26" long, 17" deep and 22" high; each sound making device has its place on the table top. Complete instructions telling you how to make all the sound effects is included with each kit.

With this outfit you can write your own skits—then play them with all the realistic sound effects included. But you must hurry to get your outfit NOW—quantities are limited, and at the scoop prices quoted they won't last long!

**K25570—RCA Sound Control Studio complete as described and with instructions. Shpg. wt. 18 lbs. List Price \$5.95**  
**Your Cost, Special \$1.98**

**K25571—Same as above, but includes a hand microphone and a Radio Coupling unit to permit you to talk, sing or play records through your home radio. Shpg. wt. 24 lbs. List Price \$13.90**  
**Your Cost, Special \$3.95**

## RCA ELECTRONIC LAB KITS AT SPECIAL LOW PRICES!



Do you like to make things? There are many interesting and educational devices that can be made with the contents of this RCA Electronic Laboratory Kit. Boys of 16 or 60 will enjoy building: code practice sets; electric relay for turning things on and off; a unit to enable you to play music or talk through your radio; an actual radio receiver and many others. Kit contains resistors, condensers, parts, a soldering iron, earphone, microphone, relay, transformer, an EK-100 tube and full instructions. In attractive carton. Shpg. wt. 10 lbs.

**List Price \$7.50**  
**K25572—Your Cost, Special \$2.95**

Like above, but kit contains two tubes (EK-100 and 6F5GT) plus additional parts. Shpg. wt. 10 lbs.  
**K25573—List \$8.95**  
**Your Cost, Special \$3.75**



**"RAPID" Electroplater**

A complete, small, portable electroplating outfit for home or workshop. Simple to operate. Can be used for replating utensils, jewelry, etc. Fine for hams who wish to silverplate wire for transmitting or UHF inductances. Good for auto mechanics, for replating reflectors, nicked fittings, etc. Kit consists of: 1 oz. of plating compound, as listed below; 1 oz. metal polish; 1-ounce brush; wires with clips attached; Emery paper; 2-batteries, and battery holder with insulated panel. With complete instructions.

**K15356—Plating Outfit, for Cadmium Plating } Each..... \$1.47**  
**K15357—Plating Outfit, for Nickel Plating }**

**K15358—Plating Outfit, for Silver Plating. \$1.83**  
**Your Cost.....**

### Utility Electroplating Kits

Kits listed are same as above, but do not include batteries or battery holder. Two No. 6 cells are required.  
**K15359—Nickel. K15360—Copper. Each 91¢**

## Lafayette HEARING AIDS



**"Theatrear"**

Handsome, light weight portable. Employs 3 new type tubes, new crystal microphone and earphone and a frequency compensator. Provides powerful, crystal clear volume. Low battery drain. In pin-seal covered case 3x5 1/4 x 7" high. Supplied with "A" and "B" batteries and single crystal earphone with headband and 4-foot cord and tubes. Shpg. wt. 5 lbs. Ready to operate.

**K21923—Your Cost \$34.95**



**"Executive" Model**

**For 110 Volts A.C. or D.C.**

Reproduces voice and music without distortion. Employs 3 high gain tubes and incorporates a frequency compensator for individual tone adjustment. With crystal headphone and headband, crystal mike. Walnut cabinet 5 1/2 x 6 x 4 1/2" deep. For 110 volts, a.c. or d.c. Complete with tubes. Shpg. wt. 5 lbs.

**K21925—Your Cost \$34.95**

### Economy Battery Model



Featuring economical battery operation, this portable hearing aid incorporates many novel features, including: high gain 3-tube amplifier; frequency compensator for tone adjustment to suit the operator; beautiful pin-seal cabinet 6x6 1/2 x 4 1/2" deep. With tubes, batteries, crystal earphone with headband and cord. Ready to operate—nothing else to buy. Shpg. wt. 5 lbs.

**K21926—Your Cost \$34.95**

### 110 V. A.C.-D.C. Portable



Has same features as model listed above, except that it is housed in a genuine pin-seal leather case with carrying handle and compartment for earphone electric cord. With crystal earphone and headband and tubes. Ready to operate. Shpg. wt. 5 lbs.

**K21924—Your Cost \$34.95**

### HEARING AID ACCESSORIES

**K13922—Additional Crystal Headphone with 5-ft. cord..... \$2.94**  
**K13923—Lorgnette Crystal Headphone with 5-ft. cord..... 3.82**  
**K13910—External Volume Control Unit with 10-ft. cord..... 2.06**



## RCA ELECTRO-SYMPHONIC PORTABLE RECORD PLAYER

★ Crystal Pick-Up ★ Built-In Amplifier ★ P.M. Speaker

Here's a Lafayette EXCLUSIVE value—one that can't be beaten. These genuine RCA completely self-contained portable record players cost more to manufacture than the price quoted—considerably more—and they're built to the most exacting standards. Here are some of the features of this superlative machine:

**DOUBLE SPRING MOTOR:** Heavy duty type with double spring. Provided with felt covered turntable. Winding handle is jointed and folds into the case. Takes records up to 12".

**CRYSTAL PICK-UP:** Featherweight, and with latest streamline design. Chrome plated pick-up arm. Wide range response; natural tone.

**3-TUBE AMPLIFIER** uses 1G6G, 1G4G and 1G5G. Low drain from convenient single battery power pack.

**PM SPEAKER** in neat housing provides fine tone. Other features: automatic stop switch; volume control and on-off switch on side of case.

**DELUXE CASE:** Constructed of durable aluminum with beautiful satin finish. Top cover contains record compartment and file for 8 records. Size: 15 1/4 x 18 1/2 x 15". Shpg. wt. 30 lbs.

**K21870—RCA DEMONSTRATION MODELS:** DeLuxe Electro-Symphonic Record Player with tubes and battery. **\$22.45**  
**Your Cost.....**



*We Will Not Knowingly Be Undersold*

# AT LAST...

**TIME PAYMENTS**



**SOMETHING NEW!**

Lafayette, pioneer in Public Address, shows you a simple way to own the finest sound system. Now you can buy P.A.—top quality P.A.—on convenient Time Payments. Pay for Lafayette Sound Equipment out of earnings. Own the best sound system and own it NOW—without crimping the budget.

**30 DAY TRIAL**



**SOMETHING DIFFERENT!**

Lafayette alone, among Sound Equipment distributors, offers you a 30-day Trial. Take a whole month to convince yourself that here is the best P.A. value—that a Lafayette Sound System will increase your business at lowest cost. In buying any Sound Equipment you need time to decide whether you've selected a unit equal to your specific needs. Lafayette gladly gives you this time.

**GREATEST LINE**



**SOMETHING YOU CAN'T AFFORD TO MISS!**

Lafayette, leader in P.A. for every purse and purpose, now offers you three complete lines for 1941: Economy, Standard and DeLuxe. Each price range boasts a Sound System for every Public Address requirement. All are standout values in their class—supreme in styling, years ahead in engineering, tops in sterling performance.

a new 1941  
**LAFAYETTE**  
low-cost  
sound system is  
waiting to fill your  
needs

# Be a Tough Buyer!

LOOK AT THEM ALL ...  
YOU'LL GET LAFAYETTE

## Check the Facts

but don't stop at facts. You must be sure that all this talk about experience and research adds up to top performance, real service, best value, while on the job for you. So ask Lafayette owners. You'll know what you're buying then. And we know, when you've finished checking, you'll choose Lafayette because . . .

## The Facts are Here

Lafayette is a pioneer in Public Address Equipment. Today's handsomely streamlined Lafayette line and today's astoundingly low Lafayette prices reflect the engineering experience, the pioneering achievements and steady business progress of more than twenty years. Applying this valuable knowledge in our own modern test laboratories, Lafayette Sound Specialists and Research Engineers have collaborated in perfecting sound equipment for 1941's Public Address market that offers *more* of everything.

You get more watts-per-dollar when you specify Lafayette P.A. . . . more power than you're ever likely to need, for Lafayette

Lafayette insists on satisfied customers. So be a "tough" customer in choosing your sound equipment.



ette believes in designing units capable of plus-service . . . greater performance than the specified job calls for. You get finer tone when you install a Lafayette Sound System—amazing clarity of reproduction both indoors and out because Lafayette believes that amplitude without clearness—volume without fidelity—is worthless. When you choose Lafayette, moreover, you get styling and engineering so advanced that the Lafayette P.A. you buy today will still be a standout five years from now!

## Praise for Lafayette

Yes, praise for Lafayette P. A. pours in from users in every walk of life. Churchmen and school superintendents express gratitude for Lafayette's realism, its tone perfection . . . businessmen tell of Lafayette's phenomenal earning power and continuing first-rate performance. Factory managers appreciate Lafayette's precision construction and bedrock low costs. Every P. A. market has its substantial quota of Lafayette enthusiasts.

# Lafayette TIME PAYMENT PLAN

Don't wait—and throw away profits. Get the Lafayette Sound Equipment you need—*right now*. Our practical Time Payment Plan enables you to pay for all P. A. purchases on convenient monthly terms (Table of Terms below). Anyone with a regular monthly income, able to meet the simplest credit requirements, may take advantage of our liberal Time Payment Plan. It's easy to pay for Sound Equipment that's earning for you.

### CONVENIENT TIME PAYMENT SCHEDULE

CASH PRICE	DOWN PAYMENT	HOW TO DETERMINE YOUR CARRYING CHARGES AND PAYMENTS	MONTHLY PAYMENT
\$ 25.00	\$ 2.50	It's easy to figure your carrying charges and monthly payments the Lafayette way. The minimum down payment is 10% of the cash price. Simply deduct your down payment from the cash price, add 10% of the unpaid balance and divide the total into 8 monthly payments. Fractions are adjusted in the final payment.	\$ 3.10
50.00	5.00		6.19
75.00	7.50		9.29
100.00	10.00		12.38
125.00	12.50		15.47
150.00	15.00		18.57
175.00	17.50		21.66
200.00	20.00		24.75
225.00	22.50		27.85
250.00	25.00		30.94

## MONEY BACK GUARANTEE!

Lafayette guarantees complete satisfaction—or your money back. Send for the Lafayette System best suited to your purpose. Compare it! If you are not convinced that Lafayette gives you most in tone quality, power and all-round performance for the money, exchange the unit, or receive your money back (less shipping charges).

30  
day  
TRIAL

# Lafayette

## PUBLIC ADDRESS

### THE UNCHALLENGED LEADER!

- 1 BECAUSE IT IS AVAILABLE IN EVERY NEEDED SIZE
- 2 BECAUSE BY TEST IT IS SUPERIOR IN QUALITY
- 3 BECAUSE IT IS LOWER IN PRICE
- 4 BECAUSE IT IS UNEQUALLED IN PERFORMANCE
- 5 BECAUSE WE GIVE YOU 30 DAYS TO TRY ANY SYSTEM

*and because you can buy on time*

HERE ARE A FEW OF THE HUNDREDS OF TYPES OF LAFAYETTE P.A. INSTALLATIONS



INDUSTRIAL PLANT  
WATERBURY, CONN.

COUNTRY CLUB  
ELMSFORD, N. Y.

UNIVERSITY  
CAMBRIDGE, MASS.

THEATRE  
HASTINGS, MICH.

CHURCH  
JANNETTE, PA.

### ORDERING P. A.

*by mail*

It's *simple* to order sound equipment by mail. Ninety-nine times out of a hundred, you need only check your particular requirements against the uses given for the amplifiers and systems on the following pages.

Amplifiers and systems are rated according to their true wattage. Increases in wattage merely indicate a proportionate increase in the area which may be covered. Consideration should be given to the existing noises which must be overcome, the sound absorption of floor and wall covering, and whether the installation is intended for indoor or outdoor use. So, you see, technical knowledge is not essential in determining which amplifier or system is best suited to your purpose.

Lafayette offers in these pages a sound amplifier and corresponding system for every conceivable indoor, outdoor, portable and mobile use. No more complete P. A. line has ever been assembled under one name. Whether you require a low-power unit to cover a tiny area, or a stadium-size installation, Lafayette has the System you want—at typical Lafayette low cost. Speakers of corresponding top-quality have been selected for use with amplifiers in all the basic systems listed. Wall-type baffles, dome baffles, trumpets, etc., for every sort of installation and use are also shown. Usually the basic systems will fill your P. A. needs for they have been selected as a result of the experience of thousands of P. A. users in hundreds of different applications.

Vitaly important in any public address system is the microphone. Lafayette offers you the finest type microphone available. In practically all the Sound Systems listed, you have a wide choice of microphone styles, any one of which is a guarantee of excellent sound quality. Complete descriptions of these superb instruments will be found on pages 85, 86, 87 and 88.

If you still hesitate to order because you are completely unfamiliar with public address equipment, or if you have a particular problem in sound installation which requires technical assistance, Lafayette Sound Consulting Engineers will gladly give you their interested attention. A special form has been prepared to assist you in outlining your problem and assure your receiving the utmost assistance promptly.

# Lafayette INTER-COMMUNICATOR SYSTEMS



**1990**  
Your Cost  
**MASTER STATION AND ONE REMOTE STATION WITH TUBES**

**STANDARD MODEL—Operates Up To 12 Stations**  
Modern Compact Design—Any Remote Station Can Call Master Station—Remotes Can Have Complete Privacy or Turn Complete Control Over to Master Station—Master Selects Any Remote Station—Sound Emits From Both Sides of Cabinet.

Lafayette offers this new, distinctive Inter-Communicating system with many new innovations at a typical unbeatable Lafayette low price. Featuring a Master Station with complete selective control over TWELVE Remote Stations at all times, it provides the most efficient and speedy method of holding direct two-way communication between two persons or two departments. Operates equally well on 110 volts a.c. or d.c. and can be installed by anyone regardless of mechanical or electrical aptitude. Requires simple connection of cables and plugging into nearest line supply to prepare for operation.

**Ample Power For Distant Pick-Up**

The Master Station incorporates a modern high-gain amplifier utilizing the latest, multi-purpose tubes, 1-70L7GT "beam-power" tube and rectifier and 1-12SC7 insuring ample power and voltage gain. Absolutely hum-free. Master Station has a station selector switch to connect the Master to any desired remote station. Master Station also has the usual "push-to-talk" switch and volume control. Remote stations have only one simple three-way switch. In one position the remote can receive calls and answer the master station. In second (or normal) position,

remote can receive calls from master but neither master nor other remotes can listen-in. In third position, remotes can call or answer master station. Sound emanates from both back and front of each unit. Will pick up voice from any reasonable distance permitting great flexibility of operation.

**Modern Walnut Cabinets—Easy to Install**

Design of both master and remote stations identical (except for extra controls on master). All stations have similar appearance back and front with no slightly wire connections visible. Cable connects underneath each unit, ample space being provided through the use of rubber bumpers.

**MODEL 397-T**—Consists of one Master station complete with tubes, one Remote station and full instructions. For operation on 110 volts A.C. or D.C. Code, RANDY. Shpg. wt. 12 lbs.  
**Your Cost, \$19.90**

**MODEL 398-P**—Remote station only. Up to 12 of these units can be used with each Master station. Code, RUDAS. Shpg. wt. 4 lbs.  
**Your Cost, \$4.95**

**K20896**—Special three-wire cable for connecting Remote and Master Stations, as described above. Shpg. wt. per 100-ft. 2 lbs.  
**Your Cost, per 100 ft., \$2.15**

**"STREAMLINED MULTIPLE MASTER" 1940 MODEL**  
Push-Button Selection of Any Number of Stations—May be Grouped in Any Desired Arrangement—Up to 7 Stations—Three Private Conversations at One Time—No Junction Boxes Required—Cable Connects from Station to Station.

Lafayette's new streamlined version of their famous "Multiple-Master" inter-communicating system for efficient multiple communication. Affords all the circuit privacy of the regular telephone, yet provides loud speaker volume of conversation. New handy selector system for each unit has six push buttons on the front panel which instantly select any one of the other stations on the system.

**Complete Privacy Afforded**

Three completely private conversations may be held simultaneously over a network of six or seven stations, without the slightest interference whatever. Each station has three operating controls, plainly marked. These are: "on-off" switch (station may be called whether called station is on or off); volume control and "push-to-talk" switch. Installation is exceedingly simple; the requisite cable is connected to the terminal block conveniently located on back of each station. Each unit is plugged into a convenient 110 volt outlet, D.C. or A.C. (60 cycles). Installation requires no junction boxes of any kind, each unit being connected directly to the next with the entire system in series. Connecting cable contains the proper number of color-coded wires which makes installation an extremely simple matter. Full instructions for complete wiring and operating procedure accompany each unit.

Each Multiple Master station contains its own amplifier utilizing 1-12SC7, 1-70L7GT "beam-power" output tube and rectifier. A high grade PM dynamic reproducer provides excellent quality of tone, best suited for reproduction of voice frequencies. Each conversation can never be overheard by any other station assuring utmost privacy. Stations are housed in dignified plastic cases, two-toned in Ivory and Ebony. Size: 8 1/4" x 6 1/2" x 5 1/2".  
**MODEL 396-T**—Multiple Master Station, complete with all tubes and instructions. Code, RGHIJ. Shpg. wt. 15 lbs.  
**Your Cost, Per Station, \$21.50**

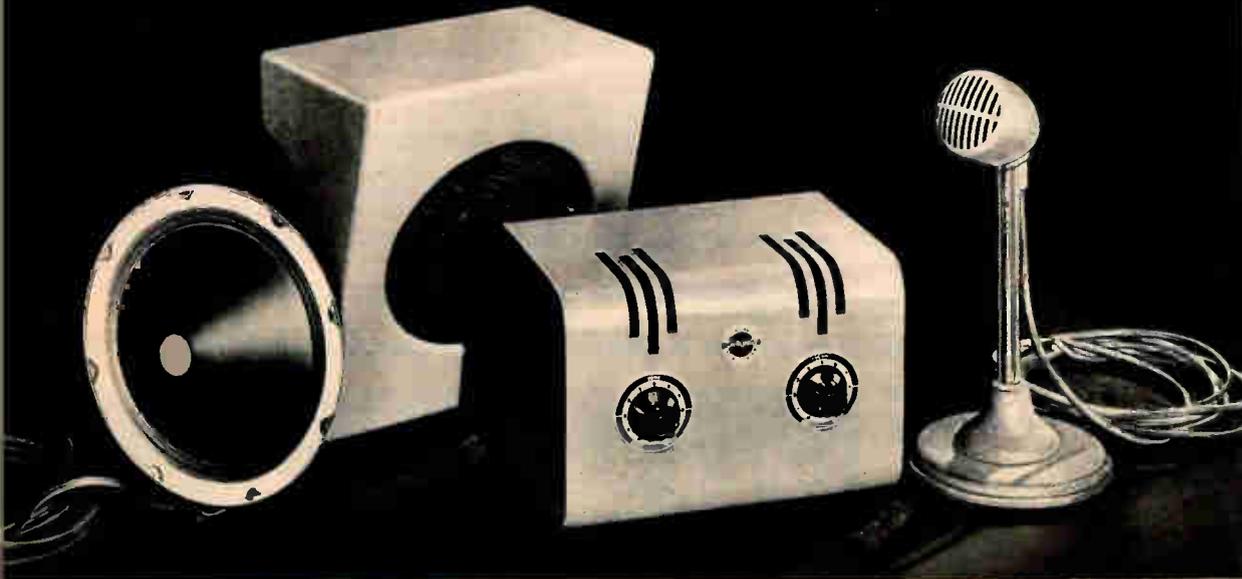
**Connecting Cables**

Systems use 3-wire cable for two stations, 4-wire cable for three stations, 6-wire cable for four stations, etc.

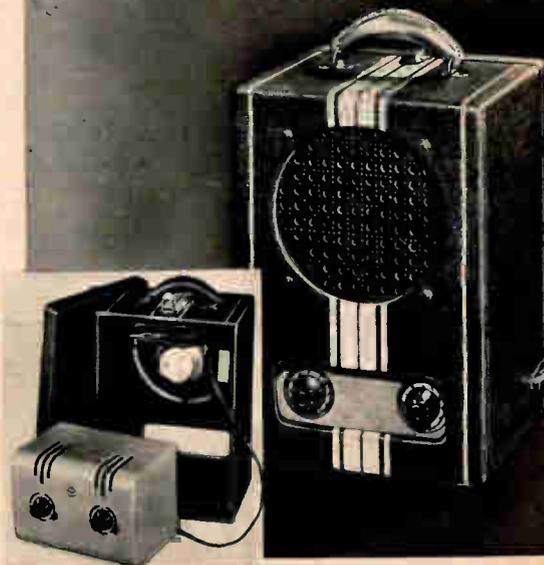
Stock No.	Wires	Per Ft.	100 Ft.
K16089	3	2c	\$1.90
K16090	4	2 1/2c	2.45
K16091	5	3 1/2c	3.10
K16092	6	4c	3.50
K16093	7	4 1/2c	3.85
K16094	8	5c	4.85

**2150**  
Your Cost  
**EACH MULTIPLE MASTER STATION WITH TUBES**

# Lafayette 6—8 WATT AMPLIFIER & SYSTEM



# PORTABLE MODEL



**925**  
Your Cost

AMPLIFIER ONLY  
IN CABINET  
LESS TUBES

- » Lafayette's "New Era" Low-Power Utility Amplifier At Smashing Low Cost
- » A REAL P.A. Amplifier Complete in "Unitized" Cabinet—Fully Protected
- » Mixes Phono & Mike—Response Control—Oversize Parts—Sturdy Construction

Lafayette offers another first in the field of fine public address equipment! This all-new 6 to 8 watt amplifier in its modern "Unitized" all steel cabinet contains a host of engineering developments that make it an outstanding buy

in the low-power field. Popular as Lafayette's previous low-power amplifiers have been for store demonstrators, auctioneers, cafeterias, restaurants, paging systems, etc., their popularity is certain to be exceeded by this new and more powerful model.

### Oversize Components—Tone Control

Making use of extra sturdy components to assure dependable operation under all intended uses this fine amplifier will give long, trouble-free service. Utilizes 1-6SC7, 1-6N6G and a 5Y3G rectifier. Professional type "Velvet-Grip" knobs provide smooth-acting control on both gain and tone control, useful for overcoming various acoustical conditions.

### Streamlined "Unitized" Steel Cabinet

Encased in Lafayette's 1940 innovation, the "Unitized" steel cabinet, offers complete protection to the amplifier, and at the same time, greatly enhances its appearance. Fully rounded face, symmetrical vent louvres and slate grey wrinkle finish introduce a new era in amplifier design.

**MODEL 406-A**—6 to 8 watt Amplifier only, in "Unitized" cabinet, less tubes. Shpg. wt. 13 lbs. Code, SALLY. (List Price \$18.50).  
Your Cost .....\$9.25

**MODEL 406-T**—As above, but with one set of tubes. (RCA & Raytheon).  
Your Cost .....\$11.25

Lafayette once more challenges the field by offering a complete "Coordinated" Sound System, with all components perfectly matched for best results, at an amazingly low price for such quality. Nucleus of this system is the fine amplifier in "Unitized" cabinet, described at left, complete with tubes. A powerful 8-inch P.M. speaker with excellent frequency response for reproduction of both music and voice, as well as a modern Wall-Type Fabrikoïd baffle is supplied, complete with 25 feet of rubber covered speaker cable. A high-quality Shure Streamliner crystal mike and a sturdy banquet stand, plus cable, plugs, etc., complete this fine system.

**MODEL 700-T**—6 to 8 watt System includes: 406-T amplifier with tubes; 8" P.M. speaker (K19271) and matching transformer (K19274); one Wall Type Fabrikoïd Baffle (K20063); one Shure Streamliner crystal mike; one 9" Banquet Stand (K13583); 12-ft. mike cable, 25-ft. speaker cable, all plugs, connectors, instructions. **READY TO OPERATE. (NO EXTRAS).** Code, RIFLE. Shpg. wt. 35 lbs.  
Your Cost (List \$45.10) .....**\$22.55**

**MODEL 701-T**—System, same as above, but with Astatic Bullet crystal mike and 25' mike cable in place of Shure mike. ....**\$25.35**  
Time: \$2.54 down, \$3.01 per month for 8 months.

### AMPLIFIER TECHNICAL CHARACTERISTICS

Output in watts: Normal—6, Peak—8. Two Input Channels: Mike—1, Phono—1. Gain in DB: Microphone—105, Phono—62. Hum level below 6 watts:—55 db. Output: 7000 ohms to speaker. Frequency response: 50-8,000 CPS. For 110 volts 50/60 cycles A.C. Dimensions: 6½" high, 9" wide, 7" deep.

- » Single Case Portable
- » Bass Reflex Baffle
- » Amplifier Removable

**2575**  
Cash Price

COMPLETE  
PORTABLE SYSTEM —  
READY TO OPERATE

Highly compact low-power portable system using 6 to 8 watt amplifier in "Unitized" cabinet for full protection when removed from carrying case. Amplifier can be operated in case or removed leaving speaker in bass reflex baffle.

**MODEL 619-A**—6 to 8 watt Portable Amplifier includes: 406-A Amplifier, 8" P.M. speaker with matching transformer, 25-ft. speaker cable, carrying case covered in Spanish Grey leatherette. Size: 14" H, 9¾" W, 8¼" D. Shpg. wt. 26 lbs. Code, SIMAR. List Price \$33.90.  
Your Cost, including case .....**\$16.95**

**MODEL 619-T**—Same as above, but with one complete set of tubes (RCA & Raytheon) .....**\$18.95**

### Complete Portable System

**MODEL 703-T**—6 to 8 watt Portable System includes: 619-T portable amplifier, with tubes, as listed above; 1 Shure Streamliner crystal microphone, 9" banquet stand (K13583). Code, REVEL. Shpg. wt. 32 lbs.  
(List \$51.50). Cash Price .....**\$25.75**  
Time:—\$2.58 down, \$3.19 per month for 8 months.

**MODEL 703-T**—Same as above, but with Astatic Bullet crystal mike, 25-ft. mike cable, in place of Shure mike. ....**\$28.55**  
Your Cost .....

### Carrying Case Only

**K21412**—Carrying case only, as described above. Shipping weight 8 lbs.  
Your Cost .....**\$3.45**

# Lafayette 12-16 WATT AMPLIFIER

# COMPLETE 2-SPEAKER SYSTEM



An Ideal System For:  
 Taverns—Cafeterias—  
 Restaurants—Paging Market  
 & Race Reports—  
 Auction Room Meetings  
 Advertising Agencies  
 Lectures & Class Rooms  
 Chapels—Mortuaries

A NEW STREAMLINED MODERATE  
 POWER SYSTEM AT LOW COST



**1325**  
 Your  
 Cost

COMPLETE IN  
 "UNITIZED" CABINET  
 LESS TUBES

- » A 1940 Amplifier that Packs a Punch at a Great Price
- » "Beam-Power" Output—New "Unitized" Cabinet
- » New Lafayette Stabilizer Circuit—"Velvet-Grip" Knobs

paging systems for offices, small industrial plants, class rooms, sales meetings, small restaurants, taverns, cafes, side shows and ballyhoo work, it features distortion-free "beam-power" push-pull output tubes

### New "Unitized" Cabinet

Lafayette's 1940 innovation, "Unitized" steel cabinets, attractively streamlined with full face, finished in slate-grey wrinkle, completely protects the amplifier which it houses completely. "Velvet-grip" knobs permit super-smooth adjustment of volume and tone.

### New Stabilizer Circuit

Suppression of chassis noise by the use of a new stabilizer circuit assures quiet, hum-free performance at all times. Full variable tone control provides for control of acoustical conditions.

Inputs of one mike and one phono may be blended

Only Lafayette's super-production methods could offer you this splendid medium-power amplifier at such amazingly low cost. Ideal for use in

easily when singer performs with phono, etc.; useful for restaurants, taverns, etc. Tube complement includes: 1-6J7, 1-6SC7, 2-6V6Gs "beam-power" tubes and a 5Y3G rectifier.

MODEL 411-A—12 to 16 watt Amplifier only, in "Unitized" cabinet, less tubes. Shpg. wt. 20 lbs. Code, SCAMP.

Your Cost (List \$26.50) **\$13.25**

MODEL 411-T—Same as above, but with one complete set of tubes (RCA & Raytheon) **\$15.82**  
**VOLUME EXPANDER PHONO AMPLIFIER.** See page 78 for special high fidelity phono amplifier.

### AMPLIFIER TECHNICAL CHARACTERISTICS

Output in watts: Normal—12, Peak—16. Two Input Channels: Mike—1, Phono—1; Gain in DB: Microphone—113, Phono—70. Hum Level below 12 watts: —60 db. Output: 8, 16 ohms. Frequency Response: 50-10,000 CPS. For 110 volts 50/60 cycles A.C. Dimensions: 7 3/4" H, 14" W, 8 3/4" D.

- » Complete System—Ready to Operate—No Extras to Buy
- » Two 10-inch PM Speakers—Fabrikoid Type Wall Baffles
- » Shure Streamline Crystal Mike—Banquet Stand—All Cables

An astoundingly low-cost medium power system that comes to you complete and ready to operate—no extras to buy. "Co-ordinated" by Lafayette engineers which indicates that every component has been carefully selected to assure you the finest possible results with this system. Powerful 10-inch P.M. speakers in well-designed wall baffles will easily handle the output of the amplifier with fidelity and complete frequency response on both mike and phono input. A genuine Shure Streamliner Crystal microphone provided. Quality of tone on both voice and music which will astonish you with its realism. The 12 to 16 watt Lafayette amplifier in its handsome "Unitized" grey wrinkle finished steel cabinet will "fit" anywhere—not an unsightly piece of apparatus which has to be hidden from view. The entire system is easy to assemble and can be operated by anyone—easier than tuning a modern radio.

Below are listed several complete systems with choice of different mike and stand

MODEL 706-T—12 to 16 watt System includes: 411-T amplifier in "Unitized" cabinet complete with tubes; one 10" PM speaker (K19380); one 10" standard Fabrikoid Wall Baffle (K20064); one Shure Streamliner crystal Mike; 9" Banquet Stand (K13583); 25-ft. spkr. cable; 12-ft. mike cable, all plugs, connectors, instructions, etc. **READY TO OPERATE (NO EXTRAS).** Code, ROYNE. Shpg. wt. 49 lbs. List Price \$56.80. **Cash Price \$28.40**

MODEL 707-T—Same as above system but with two 10" PM speakers (K19380), two 10" wall baffles (K20064) and 50-ft. speaker cable. Wt. 62 lbs. **Cash Price \$33.45**

Time:—\$3.35 down, \$4.14 per month for 8 months.  
 For either system above with Astatic Crystal Bullet Mike with 25-ft. cable in place of Shure mike, add \$2.80  
 For either system above with Floor Stand (K13629) instead of banquet stand, add \$1.75

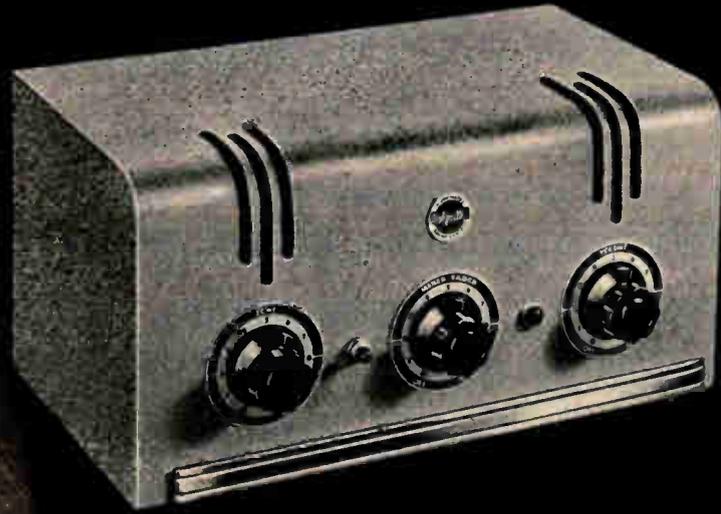
**3345**  
 Cash  
 Price

COMPLETE AS  
 ILLUSTRATED  
 NO EXTRAS

# Lafayette 18-22 WATT AMPLIFIER

# NEW DUAL SPEAKER SYSTEM

**FIRST TIME—COMPLETE LOW COST MEDIUM POWER STREAMLINED SYSTEM**



Your Choice of America's Superior Mikes



At no additional cost with systems Models 736-T and 737-T you may select your choice of any one of the microphones pictured above and one floor stand (K13647), details of which may be found on page 71. Microphones listed are: (1) Amperite Standard Velocity; (2) Amperite P.G. Dynamic; (3) Shure Swivel Crystal; (4) Shure Rocket Crystal; (5) Electro-Voice Velocity. All above microphones are supplied with 25 feet of rubber covered shielded microphone cable. Plug connectors for use with these microphones are supplied with the systems.



**1795**  
Your Cost  
COMPLETE IN  
"UNITIZED" CABINET  
LESS TUBES

- » Power—Performance—Low Cost—"Unitized" Cabinet
- » New Lafayette Stabilizer Circuit—"Beam-Power" Output
- » 3 Inputs—Mixer-Fader—"Velvet-Grip" Knobs—Tone Control

The amplifier with the greatest popular appeal now destined to be more popular than ever because of its new all-steel grey wrinkle finished "Unitized" cabinet. Large enough in power to handle installations such as small orchestras, recording studios, large restaurants, night clubs, cafes, hotel dining rooms, offices, bus and railway stations, etc.

### New Stabilizer Circuit

Incorporates Lafayette's latest development, a stabilizer circuit which greatly reduces chassis pick-up noises, providing reinforcement of desired sound only. Also features oversize parts for extra safety factor, high gain at low hum levels. Push-pull beam power output assures ample volume under all conditions in normal use. Has mixer-fader, mike volume, and tone controls. Tube complement includes: 1-6J7, 1-6SC7, 2-6L6G beam power tubes and a 5Y3G rectifier Professional

type "Velvet-Grip" knobs for smooth regulation of all controls.

**MODEL 417-A**—18 to 22 watt Amplifier only in "Unitized" cabinet, less tubes. Code, SEDAN. Shpg. wt. 20 lbs. List Price \$35.90. Your Cost..... **\$17.95**

**MODEL 417-T**—As above but with one complete set of tubes (RCA & Raytheon). Cash Price..... \$21.16 For 220 v. 60 cyc. add. \$2.35 25 cyc., add. \$7.65

### AMPLIFIER TECHNICAL CHARACTERISTICS

Output in watts: Normal—18, Peak—22; Three Input Channels: Microphone—1, Phono—2; Gain in DB: Microphone—113, Phono—70. Hum Level below 18 watts: —56 db. Output: 2, 4, 8, 16, 250, 500 ohms. Frequency Response: 50-10,000 CPS. For 110 volts 50/60 cycles A.C. Dimensions: 7 1/4" high, 14 1/4" wide, 8 3/4" deep.

- » America's Most Popular Medium-Power Sound System
- » Two 10-inch PM Speakers—Modern Wall-Type Fabricoid Baffles
- » Also Available with Choice of Standard Microphones

Another tremendous Lafayette buy of the type that has created our reputation for supplying the finest in P.A. at astonishingly low prices. This complete Lafayette "Co-ordinated" sound system is certain to become the choice of wise P.A. users throughout the country. Built around the newer and greater Lafayette amplifier in its protective all-steel, grey wrinkle finished "Unitized" cabinet, its performance is as smooth and streamlined as its appearance. Two heavy duty 10-inch PM speakers and two modern walltype Fabricoid baffles are fully capable of reproducing perfectly the normal output of this medium power amplifier without distortion, hum or rattle. Supplied with the Shure Streamliner mike and a banquet stand extending from 10 to 15 inches. Larger speakers and baffles are available at slight extra cost, where greater coverage and extra low frequency response is desired. Alternative system available with choice of one to five of America's outstanding microphones. **MODEL 735-T**—18 to 22 watt system includes: one 417-T amplifier in "Unitized" Cabinet complete

with tubes; two 10" PM speakers (K19380); 2 standard Fabricoid Wall Baffles (K20064); one Shure Streamliner crystal mike; one 10-15" banquet stand (K13353); 12-ft. mike cable, 50-ft. speaker cable, all plugs, etc. **READY TO OPERATE (NO EXTRAS)** Code, ROBIN. Shpg. wt. 55 lbs. List Price \$79.90. Cash Price..... **\$39.95**  
Time:—\$4.00 down, \$4.95 per month for 8 months.  
**MODEL 736-T**—Same as 735-T, but with your choice of one mike from standard mike selection and one floor stand (K13647) in place of Shure mike and banquet stand, and additional 50-ft. speaker cable. Shipping weight 65 lbs. \$47.45  
**MODEL 737-T**—Same as 736-T, but with two 12" PM speakers (K19227) and 2 standard 12" Fabricoid Wall Baffles (K20066). Shpg. wt. 75 lbs. Cash Price..... **\$54.75**

**39<sup>95</sup>**  
Cash Price  
COMPLETE SYSTEM  
AS ILLUSTRATED  
READY TO OPERATE

# Lafayette 26-35 WATT SLOPING PANEL AMPLIFIER



**Your Choice of America's Superior Mikes**

At no additional cost with system 772-T you may select any one of these microphones: (1) Amperite Standard Velocity; (2) Amperite P.G. Dynamic; (3) Shure Swivel Crystal; (4) Shure Rocket Crystal; (5) Electro-Voice Velocity. All supplied with 25-ft. of cable.

**Remote Control Box and Cable**  
**MODEL 598-P**—Remote control device permits complete remote control operation of any TWO microphones up to 1000 feet from Model 439 Amplifier. Complete in hand size grey crackle finished box. Size: 1 1/2" H, 4" W, 3" D. With 50-ft. cable, connector and plug. Wt. 3 lbs.  
**YOUR COST... \$5.45**

# COMPLETE 2-SPEAKER SYSTEM

**SENSATIONAL NEW STUDIO TYPE HIGH POWER SYSTEM—READY TO OPERATE**



**24<sup>45</sup>**  
 Your Cost  
**COMPLETE IN "UNITIZED" CABINET LESS TUBES**

- New Super-Streamlined High-Power Amplifier at Low Cost
- Studio Type Control Panel—Ripple Free Pre-Amplifier Circuit
- 4 Inputs—2 Mikes—2 Phonos—Remote Control—Mixer-Fader

This new Lafayette 26 to 35 watt amplifier is crammed with features which make it one of the most outstanding numbers in our new line. Features include: new studio-type sloping panel "UNITIZED" CABINET; ripple free pre-amplifiers utilizing D.C. for heaters; four inputs, 2 mike and 2 phono with simultaneous operation of both mike inputs and either phono channel, making for extreme flexibility of operation; tone control; provision for REMOTE CONTROL operation on two mike channels; INVERSE FEEDBACK for high gain distortionless output; push-pull BEAM POWER output stage. These are only a few of the exceptional features found in this amplifier, yet Lafayette's great production facilities enable us to offer such an amplifier to you at far below the expected cost—Lafayette's new "Unitized" cabinet provides complete protection and good looks with its slate grey wrinkle finish, heavy gauge aluminum etched panel,

"Velvet-Grip" smooth control knobs. Tubes used: 2-12SJ7, 2-6SC7, 2-6L6G, 1-5U4G  
**MODEL 439-A**—26 to 35 watt amplifier only in "Unitized" cabinet, less tubes. Shpg. wt. 35 lbs. Code, SHADY. List Price \$48.90.  
**Your Cost \$24.45**

**MODEL 439-T**—Same as above, but with one complete set of tubes (RCA & Raytheon).  
 Your Cost \$29.10  
 For 220 V., 60 cyc., add. \$2.75. 25 cyc., add. \$7.95

**AMPLIFIER TECHNICAL CHARACTERISTICS**  
 Output in watts: Normal—26, Peak—35; 4 Inputs: Microphone—2, Phono—2; Gain in DB: Microphone—118, Phono—90. Hum Level below 26 watts; —61 db. Output Impedances: 2, 4, 8, 16, 250, 500 ohms. Field supply for two 2500 ohm speakers. Freq. Resp.: 50-10,000 CPS. For use on 110 volts 50/60 cycles A.C. Dimen.: 9" h., 17 1/2" w., 9 3/4" d.

- Complete Studio-Type System at Astounding Low Cost
- Also Available with Choice of Mikes and Speaker Baffles
- May Be Remotely Operated From Distances Up to 1000 Feet

An ideal unit for any of the popular installations listed at left, this complete studio-type system sets a new high in Lafayette value—which means that it is tops in P.A. value anywhere. Complete down to the last plug and connector this 26 to 35 watt system is ready to operate as listed—no extras of any kind to buy! Can be remotely controlled from distances up to 1000 feet from the amplifier, making it ideal for churches, auditoriums, lecturers, etc., where acoustical conditions and effects are of major importance. Uses two heavy duty 12-inch dynamic speakers (amplifier supplies full field current) for extraordinary volume and fidelity of reproduction. Your choice of microphone, from selection listed above, available with Model 772-T system.

two 12" standard Fabrikoid Wall Baffles (K20066), one Astatic Bullet Crystal Mike with 25-ft. cable; one Friction Clutch Floor Stand (K13647); 50-ft. speaker cable, all plugs, instructions, etc. **READY TO OPERATE (NO EXTRAS)**. Code, RAVEN. Shpg. wt. 90 lbs. List Price \$117.10.  
 Cash Price \$58.55  
 Time: \$5.86 down; \$7.25 per month for 8 months

**MODEL 772-T**—Same as 769-T, but with your choice of one mike from selection above.  
**Cash Price \$60.95**

For extra Astatic Bullet mike and K13647 floor stand, add \$12.15  
 For extra mike from standard selection and K13647 stand, add \$14.55

If De Luxe Fabrikoid baffles (K20056) are desired in place of standard baffles (K20066) add, per baffle, \$1.75

**Complete "Co-ordinated" System**

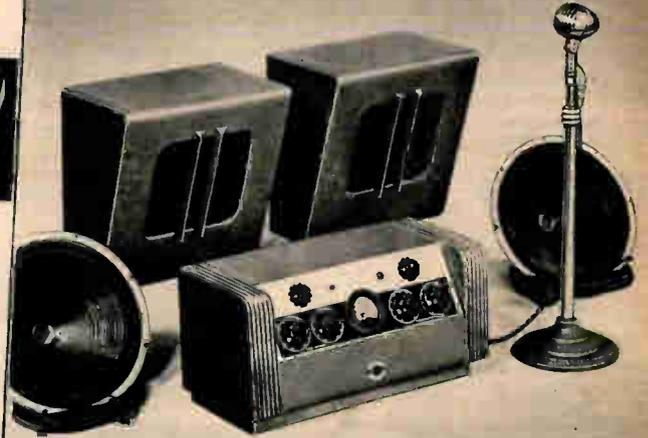
**MODEL 769-T**—26 to 35 watt System includes: 439-T amplifier in "Unitized" cabinet complete with tubes; two 12-inch heavy duty dynamic speakers (K19214);

**58<sup>55</sup>**  
 Cash Price  
**COMPLETE SYSTEM READY TO OPERATE**

# Lafayette 32-45 WATT DELUXE MODEL DUAL SPEAKER STUDIO TYPE SYSTEM



**NEW "VARIABLE FIDELITY" BROADCAST CONTROL HIGHER POWER SYSTEM**



**Your Choice of Microphone**  
 At no added cost with Model 787-T your choice of one: (1) Amperite Standard Velocity; (2) Amperite P.G. Dynamic; (3) Shure Swivel Crystal; (4) Shure Rocket Crystal; (5) Electro-Voice Velocity, each with 25-ft. cable. With Model 788-T your choice of one: (6) Amperite De Luxe Velocity or (7) Electro-Voice De Luxe Dynamic.  
**Remote Control**  
 (Specifications will be found on page 64.)  
**YOUR COST... \$5.45**

**3345**  
 Cash Price  
**COMPLETE IN "UNITIZED" CABINET LESS TUBES**

- Packed With Power For Perfect P.A. Performance
- New Pre-Amp. Circuit—"Unitized" Cabinet—4 Inputs
- Individual Bass & Treble Equalizers—Master Gain Control

many new revolutionary developments. Applicable for use in centralized P.A. systems in schools, hotels, industrial plants, court rooms, night clubs, transportation terminals, ball rooms, dance halls, theatres, fairs, etc. where high quality sound must override high noise levels. Some outstanding features include: Four inputs, 2 mikes, 2 phones, with mixing-fading facilities for simultaneous operation of two mikes with either phono; MASTER MIKE gain control and individual bass and treble equalizers; VOLUME INDICATOR METER (optional) for visual monitoring; "Unitized" cabinet with SLOPING PANEL; Inverse Feedback; Stabilizer Circuit; D.C. on heaters of Pre-Amplifiers; Remote Control provision. Tubes: 2-12SJ7, 3-6CR6, 2-6L6G and 1-83 rect.

cabinet, less tubes and V.I. meter. Code, SHARK. Shpg. wt. 37 lbs.  
 Cash Price (List \$66.90) **\$33.45**  
 Time: \$3.35 down, \$4.14 per month for 8 months.  
**MODEL 451-T**—As above with one complete set of tubes (RCA & Raytheon). **\$38.80**  
 Cash Price.  
**MODEL 566-P**—Volume Indicator Meter, for use in above. Your Cost. **\$4.50**  
 For 220 V. 60 cyc. add. **\$2.80**, 25 cyc. add. **\$8.55**

**AMPLIFIER TECHNICAL CHARACTERISTICS**

Output in watts: Normal—32, Peak 45; Four Input Channels: Mike—2, Phono—2; Gain in DB: Mike—120, Phono—92; Hum Level below 32 watts: —57 db. Output Imp.: 2, 4, 8, 16, 250, 500 ohms. Field Supply for two 2500 ohm speakers. Individual Bass and Treble Equalizer Controls. For 105-115 and 115-125 V. 50/60 cyc. A.C. Size: 9" H, 17 1/4" W, 9" D

**MODEL 451-A**—32 to 45 watt Amplifier in "Unitized"

- Complete Higher Power System for Super Quality Installations
- Studio-Type Control Panel—Optional Meter for Visual Monitoring
- Remote Control Provision—Standard or Deluxe Mike Selection

We're proud to offer this tremendous value in complete "Co-ordinated" systems, truly one of our outstanding productions. As usual, Lafayette presents all these facilities (usages listed under amplifier) at a typical Lafayette price, which means that it is an unbeatable buy. The system is complete in every detail and features two 12-inch heavy duty dynamic speakers—field current supplied by amplifier. Two modern wall type baffles, covered in attractive Fabrikoid are supplied. The amplifier itself in its modernistic "Unitized" all-steel cabinet with etched aluminum panel, Volume Indicator Meter (optional) forms a streamlined unit which looks as fine as it sounds. System may be remotely controlled from distances up to 1,000 feet by incorporating the Remote Control Box listed above. Your choice of any one of five superior microphones available at no increase in price. High quality friction clutch floor stand supplied.  
**MODEL 787-T**—32 to 45 watt System includes: 451-T

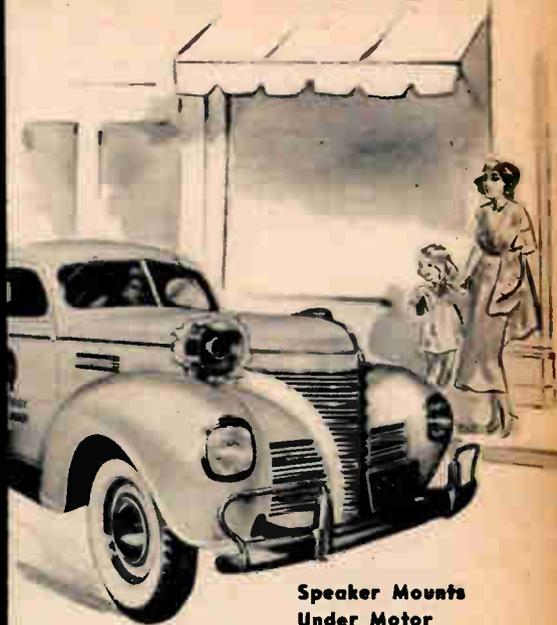
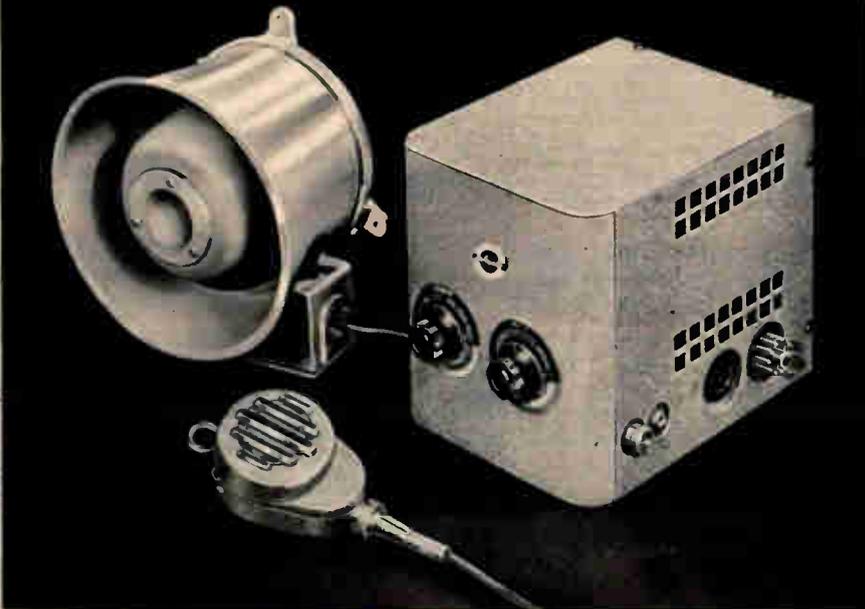
amplifier in "Unitized" cabinet, with tubes, less V.I. meter; two 12" heavy duty dynamic speakers (K19214); two 12" De Luxe Fabrikoid Wall Baffles (K20056); one microphone, your choice from Standard selection (1 to 5) listed above; one Friction Clutch Floor Stand (K13647); 25-ft. mike cable, 100-ft. speaker cable, all plugs, connectors, instructions, READY TO OPERATE (NO EXTRAS). Code, RADIX. Shpg. wt. 100 lbs.  
 Cash Price (List \$151.80) **\$75.90**  
 Time: \$7.59 down, \$9.39 per month for 8 months.  
**MODEL 788-T**—De Luxe Model, same as 787-T, but with your choice of one mike from De Luxe selection (6 or 7) above.  
 Cash Price **\$77.90**  
 Extra mike from standard selection and one K13647 floor stand, add **\$14.55**  
 Extra mike from de luxe selection and one K13647 floor stand, add **\$16.55**

**75.90**  
 Cash Price  
**COMPLETE SYSTEM AS ILLUSTRATED READY TO OPERATE**

# Lafayette NEWEST

# "SUPER-VOICE" TALKING CAR MOBILE SYSTEM

**AN INNOVATION!**  
**COMPLETE AMPLIFIER WITH**  
**ACCESSIBLE CONTROLS MOUNTS**  
**UNDER DASHBOARD**



**Speaker Mounts**  
**Under Motor**  
**Hood of Car**

**2195**  
 Your Cost

**COMPLETE**  
**AMPLIFIER**  
**LESS TUBES**

**Amplifier Operates on Car**  
**Battery or 110 Volts A.C.**

Lafayette once again shows the way with this highly practical innovation — 1 "Super-Voice" Talking Car Mobile amplifier with extremely low current drain and amazingly high acoustical output. Lafayette engineers are proud to present this 6 volt D.C.—110 volt A.C. mobile Public Address system which delivers the equivalent of a 12 to 18 watt unit when used with a high efficiency speaker.

Utilizes 1-6SC7, 1-6N6G and 1-6X5G. Additional features listed at right.  
**MODEL 409-A**—Lafayette "Super-Voice" Talking Car 6 volt D.C.—110 volt A.C. (50/60 cycles) mobile amplifier, in all-steel cabinet and complete set of metal brackets for mounting under dash in any type car. Less tubes.  
 Code, SCORN. Wt. 18 lbs. **\$21.95**  
 List Price \$43.90. Your Cost.

**MODEL 409-T**—Same as above, but with ONE set of tubes (RCA & Raytheon). Your Cost. **\$24.16**

**AMPLIFIER TECHNICAL CHARACTERISTICS**

Output in watts: Normal—5, Peak—8. (Effective output equivalent to 12 to 18 watt amplifier when used with high efficiency speaker). Two Inputs: Microphone—1, Phono—1; Gain in DB: Microphone—103, Phono—61. Hum Level below 5 watts: Minus 50 db. Output Impedances: 4, 8, 16 ohms. Frequency Response: 250-8,000 CPS. For 6 volts D.C. and 110 volts A.C. 50/60 cycles. Size: 6 3/4" H, 5 3/4" W, 8 3/4" D.

*Another Lafayette First*

**A Mobile Amplifier and System**  
**with Many Novel Applications**

**Easily Converts Passenger**  
**Auto Into Efficient Sound Car**

**Extremely Low Battery Drain**

**Does not Interfere with Normal**  
**Operations of Driver**

**Compact—Powerful—Versatile**

**Complete System Employs New**  
**High Efficiency Reproducer**

Police safety cars, courtesy cars, emergency cars, and many others for similar public use will find this new High-Efficiency Lafayette system "made-to-order" for their portable mobile needs as well as for use from a 110 volt A.C. outlet. Utilizes the amplifier (listed at left) with its two simple controls: volume and power switch, and the new super-efficiency Racon Miniature Marine speaker, which overcomes high noise levels of all kinds. Speaker is only 6 1/4 inches bell diameter, mounts easily under engine hood, projects the voice above traffic sounds, etc. Any passenger car is easily converted into an efficient sound car without altering its appearance. Driver can easily use microphone without interfering with normal driving operations. All amplifier controls are as handy as an ordinary auto radio. 3-way switch for "On", "Off" and "Stand-by".

**MODEL 704-T**—Lafayette "Super-Voice" Talking Car System includes: 409-T amplifier in metal case, with tubes, and mounting brackets, one Racon Miniature Marine speaker with high-power drive unit (K21300); one Shure Streamliner mike with 12-ft. mike cable; one 3-purpose mike stand (K13352); 25-ft. speaker cable, plugs, etc. **READY TO OPERATE (NO EXTRAS)**. Code, REFER. Shpg. wt. 42 lbs. **\$46.95**  
 (List Price \$93.00). Cash Price

**MODEL 705-T**—Same as above, but with Electro-Voice dynamic hand mike (illustrated above) in place of Shure Mike and three-purpose stand. **\$49.95**  
 Cash Price. Time: \$5.00 down, \$6.18 per month for 8 months.

**4995**  
 Cash Price

**COMPLETE SYSTEM**  
**AS ILLUSTRATED**  
**NO EXTRAS**

# Lafayette 18-24 WATT BATTERY OR A.C. MOBILE AMP. & SYSTEM



### Choice of Microphones

For the additional sum of \$7.70 both sound systems on this page may be obtained with one K13647 floor stand and your choice of ONE of the following mikes: (1) Amperite Standard Velocity; (2) Amperite P.G. Dynamic; (3) Shure Swivel Crystal; (4) Shure Rocket Crystal; (5) Electro-Voice Velocity instead of Shure mike and banquet stand.

**FOREMOST HIGH POWER MOBILE SYSTEM  
OPERATES ANYWHERE—NO EXTERNAL PACKS**



**3395**  
Cash Price

LESS TUBES  
AND PHONO  
EQUIPMENT

- New Mobile Amplifier for Indoor or Outdoor Applications
- Operates Equally Well on Battery or 110 Volts A.C.
- Instantly Convertible—No External Packs Necessary

the Public Address field. Instantly convertible to either type of current by simply plugging it in to 6-volt battery or house current and supplying FULL output rating on either. THREE INPUT CHANNELS with facilities for MIXING AND FADING the mike input with either phono input. Forms an ideal unit for both OUTDOOR AND INDOOR USE on sound trucks, political rallies, ballyhoo, etc. TONE CONTROL compensates for all acoustical variations. Phono model available at low cost. Has STANDBY SWITCH and ON-OFF SWITCHES. Slate grey finish "UNITIZED" CABINET. Rating of wattage on both D.C. and A.C. guaranteed to be accurate. Has extremely low current drain, making economical operation in sound truck. Extremely low battery drain for economy operation made possible through Lafayette circuit design and use of multi-purpose tubes. Tubes used: 1-6J7, 1-8SC7, 1-6FG, 2-6Y7G and 1-6X6G rectifier.

**MODEL 422-A**—18 to 24 watt 6 Volt D.C. 110 Volt A.C. Mobile Amplifier, less tubes and phono equipment. Code, SHAWL. Shpg. wt. 43 lbs.  
List Price \$67.90  
Cash Price..... **\$33.95**  
Time: \$3.40 down, \$4.20 per month for 8 months.

**MODEL 422-T**—Same as above, but with one set of tubes (RCA & Raytheon).  
Cash Price..... **\$37.90**

### Special Model With Phono Equipment

**MODEL 424-A**—Has constant speed rim-drive 78 r.p.m. motor, 9-inch turntable and Astatic tangent arm crystal pick-up on top of cabinet, as illustrated. Less tubes. Code, SHEER. Shpg. wt. 50 lbs. List Price \$82.80.  
Cash Price..... **\$41.40**  
**MODEL 424-T**—Same as above, but with one set of tubes (RCA & Raytheon).  
Cash Price..... **\$45.35**

- The Ideal System for Electioneering Sound Trucks, Etc.
- Special Model With Record Player Equipment Available
- With Two 12" PM Speakers—Aluminum Reflector Baffles

Here's the last word in mobile P.A. design and equally important, it represents the most exceptional complete high power mobile system ever offered. For those desiring de luxe extra heavy duty baffles all steel armored dome baffles are available at slight extra cost. Amplifier housed in Lafayette's exclusive "Unitized" cabinet. A phono equipped model is also available; an excellent addition when unit is to be used for all around P.A. work.  
**MODEL 721-T**—18 to 24 watt Mobile system includes: Model 422-T amplifier with tubes, in "Unitized"

### AMPLIFIER TECHNICAL CHARACTERISTICS

Normal output rating on both 6 volts D.C. and 110 volts A.C.—18 watts, Peak—24 watts. Three Input Channels: Mike—1, Phono—2, Gain in DB: Microphone—15, Phono—70, Hum Level below 18 watts—56 db. Output Impedances: 2, 4, 8, 16, 250, 500 ohms. Frequency Response: 50-8,000 CPS. For 6 volts D.C. and 110 volts 50/60 cycles A.C. Size: 8 1/4" H, 14 1/4" W, 13 1/4" D.

**6445**  
Cash Price

COMPLETE MOBILE  
SYSTEM AS  
ILLUSTRATED

cabinet; Two 12-inch P.M. Speakers (K19227); 2 aluminum dome baffles (K20040); Shure Streamline crystal mike; Banquet stand (K13583); 12-ft. mike cable, 50-ft. speaker cable, all plugs, instructions, etc., READY TO OPERATE. (NO EXTRAS. Code, RECUR. Shpg. wt. 80 lbs.)  
List \$128.90. Cash Price..... **\$64.45**  
Time: \$6.45 down; \$7.97 per month for 8 months.

**MODEL 722-T**—Same as above, but with 424-T phono model as described at left.  
List Price \$143.80.  
Cash Price..... **\$71.90**

Either of above described systems with armored dome baffles (K20054) and two mtg. brackets (K20095) in place of aluminum baffles.  
ADD, only..... **\$5.90**  
Either system above with ONE mike from standard selection (1 to 5) and one floor stand (K13647) in place of Shure mike and Banquet stand.  
ADD..... **\$7.70**

# Lafayette 30-40 WATT BATTERY OR AC MOBILE AMP. & SYSTEM



**Choice of Microphones**  
Standard selection of mikes as listed below includes: (1) Amperite Standard Velocity; (2) Amperite P.G. Dynamic; (3) Shure Swivel Crystal; (4) Shure Rocket Crystal; (5) Electro-Voice Velocity. DeLuxe selection includes: (6) Amperite DeLuxe Velocity; (7) Electro-Voice DeLuxe Dynamic.



**Remote Control**  
Far remote control box (see specifications on page 64.)  
ADD.... **\$5.45**

**THE INDUSTRY'S FINEST UNIVERSAL UNIT  
HI-POWER AND DE LUXE FACILITIES—LOW COST**



**5195**  
Cash Price

LESS TUBES  
AND  
PHONO EQUIPMENT

- Super-Mobile Amplifier With Complete Operating Facilities
- Simultaneous Operation of 2-Mikes and 1-Phono Channel
- Instantly Convertible for Battery or 110 V. A.C.—No Packs

Housed in the latest type "Unitized" cabinet, this Lafayette super-power mobile amplifier represents the finest equipment of its type available today.

Election speakers, sound truck operators, political organizations, fire departments, etc., will find this amplifier superior in every way for their needs. Some of its outstanding features are: 4 INPUT CHANNELS with simultaneous operation of two mikes and one phono; NO CHANGE-OVER SWITCH, instantly convertible by merely plugging in to 6 V. battery or 110 Volts A.C. outlet; NO POWER PACKS required; MIXING AND FADING of two mikes and one phono; special "DIALOGUE" EQUALIZER TONE CONTROL for super quality; provision for REMOTE CONTROL; Phonograph model (available); STANDBY SWITCH. Extremely low current drain.

This truly universal mobile system has passed the most exacting laboratory and field tests with the usual Lafayette verdict—best of its kind. Tubes used in the highly efficient circuit are: 2-6SC7, 2-6J7, 1-6E6, 4-6Y7G, 1-6T4 rectifier.

**MODEL 440-A**—30 to 40 watt 6-volt DC and 110 volt AC mobile amplifier, less tubes and phono equipment. Code, SPRAY. Shpg. wt. 60 lbs. List Price \$103.90. Cash Price **\$51.95**  
Time: \$5.20 down, \$6.43 per month for 8 months.  
**MODEL 460-T**—Same as above, complete with one set of tubes (RCA & Raytheon). Cash Price **\$59.25**

#### Special Model With Phono Equipment

**MODEL 462-A**—30 to 40 watt 6 volt DC and 110 volt AC mobile amplifier with Phono mechanism consisting of a constant speed rim-driven motor with felt covered turntable, Astatic tangent arm crystal pickup, mounted on top of cabinet as shown in illustration above. Less tubes. Code, SPURT. Shpg. wt. 67 lbs. List Price \$122.50. Cash Price **\$61.25**

**MODEL 462-T**—Same as above, but with one set tubes (RCA & Raytheon). Cash Price **\$68.55**

- DeLuxe Super-Power Mobile System—Easy to Install
- Full Output on Battery or 110 Volts A.C.—Standby Switch
- Mixing and Fading Control—Remote Control Available

Improved circuit design makes this the highest powered standard mobile system, suitable for every type of sound truck work.

**MODEL 729-T**—30 to 40 watt Mobile System includes: 460-T amplifier with tubes; two 12-inch heavy duty P.M. speakers (K19228); two aluminum dome baffles (K20040); one Electro-Voice dynamic hand mike (K13736); 20 feet mike cable, 100 feet speaker cable, all plugs, connectors, instructions, etc., READY TO OPERATE (NO EXTRAS).

Code, RELAV. Shpg. wt. 120 lbs. List \$191.20. Cash Price **\$95.60**  
Time: \$9.56 down; \$11.83 per month for 8 months.

**MODEL 730-T**—Same as above, but with Model 462-T phono amplifier, in place of Model 460-T. Cash Price **\$104.90**

Either of above systems with two all-steel armored dome baffles (K20054) and two mounting brackets (K20095) in place of aluminum baffles. ADD, only **\$5.90**

Either of systems as described available with choice of ONE mike from standard selection (1 to 5) and one K13647 floor stand, in place of hand mike. ADD **\$3.60**

Either system above available with choice of ONE mike from de luxe selection (6 or 7) and ONE K13647 floor stand in place of hand mike. ADD **\$4.55**

**9560**  
Cash Price

COMPLETE MOBILE  
SYSTEM AS  
ILLUSTRATED

#### AMPLIFIER TECHNICAL CHARACTERISTICS

Output in watts on both 6 V. DC and 110 V. AC:  
Normal—30, Peak—40; Four Input Channels;  
Microphone—2, Phono—2; Gain in DB: Microphone—130, Phono—90. Hum Level below 30 watts: —45 db. Output Impedances: 2, 4, 8, 16, 250, 500 ohms. Frequency Response: 50-8,000 CPS. Provision for Remote Control. For 6 V. DC and 110 V. AC 50/60 cyc. 9-5/16x17-5/16x12 1/2" D.

# Lafayette 30-45 WATT DE LUXE

# ALL METAL MOBILE PORTABLE SYSTEM

ABSOLUTELY THE FINEST UNIVERSAL MOBILE SOUND SYSTEM AVAILABLE AT ANY PRICE



**Choice of Microphones**  
 Standard selection of mikes as listed below includes: (1) Amperite Standard Velocity; (2) Amperite P.G. Dynamic; (3) Shure Swivel Crystal; (4) Shure Rocket Crystal; (5) Electro-Voice Velocity, each with 25-ft. cable. De Luxe selection includes: (6) Amperite De Luxe Velocity; (7) Electro-Voice De Luxe Velocity.

**Remote Control**  
 For remote control box (see specifications on page 64.)  
 ADD..... \$5.45



**89.95**  
 Cash Price  
 IN ALL-METAL CARRYING CASE LESS TUBES

- World's Finest Mobile Amplifier—For Battery or AC Operation
- Instantly Convertible—"Dialogue" Compensator—Three Inputs
- Tubes Accessible by Removing Phono Turntable

Lafayette is proud to present the world's finest universal mobile amplifier in its handsome fully streamlined, all-steel carrying case. Ideal for sound trucks, political rallies, advertising and rental purposes it actually is TWO fine amplifiers in one. Instantly convertible from one type of current to the other. Has motor-generator supply for 6-volt operation, comparatively low drain. Features: Simultaneous operation of TWO MIKE INPUTS, ONE PHONO, with MIXING-FADING facilities. All controls, switches and plugs on top of panel. ALL-STEEL carrying case with lully ROUNDED CORNERS. Has built-in Green Flyer phono-motor, 12-inch turntable, tangent arm crystal pick-up. With volume control. Provision for REMOTE CONTROL from distances up to 1,000 feet. Highly efficient circuit uses: 2-4J7, 2-6C8C, 1-6E5, 4-6V7G and 1-83 tube.  
 MODEL 458-A—30 to 45 watt De Luxe Universal Amplifier, less tubes, with built-in phono motor, 12" turntable and speed regulator, Astatic tangent-arm crystal

pickup, in ALL-METAL carrying case. Code, SALVO. Shpg. wt. 77 lbs. List \$179.90.  
**Cash Price..... \$89.95**  
 Time:—\$9.00 down, \$11.13 per month for 8 months.  
 MODEL 458-T—As above, with one set of tubes (RCA & Raytheon)  
**Cash Price..... \$97.21**

**AMPLIFIER TECHNICAL CHARACTERISTICS**  
 Output in watts on both 6 volts D.C. and 110 volts A.C.: Normal—30, Peak—45. Three Inputs: Microphone—2, Phono—1; Gain in DB: Microphone—122, Phono—32. Hum Level below 30 watts:—47 db. Output Impedances: 2, 4, 8, 16, 250, 500 ohms. Frequency Response: 50-8,000 CFS. Provision for Remote Control. Dialogue Equalizer Control. For operation on 6 volts D.C. and 110 volts 50/60 cycles A.C. Dimensions: 9 1/4" high, 20 1/4" wide, 15 1/4" deep.

- A DeLuxe System for Indoor and Outdoor Applications
- Heavy Duty PM Speakers—All-Steel Baffles With Mountings
- Ideal For Political Rallies, Sound Trucks, and Auditoriums

Naturally, with an ultra-fine amplifier such as the Model 458-T listed at left, as a nucleus, Lafayette has built up an unparalleled universal mobile system. Yet the price has been kept down in keeping with Lafayette's policy of offering the best in P.A. at the lowest cost to the consumer. Efficient engineering and production facilities gives you the benefit of the largest exclusive P.A. plant in the world. Included in this system are two heavy duty 12-inch P.M. speakers and two all-steel armored dome baffles with heavy mounting brackets. Tone quality and volume such as you've never heard from a mobile system—actually two fine systems in one—your money's worth—PLUS!  
 MODEL 779-T—30 to 45 watt Universal System includes: 458-T amplifier in all-metal carrying case, with tubes, two 12" heavy duty P.M. speakers (K19228); two de luxe all-steel dome baffles (K20077); two mount-

ing brackets (K20078); one Electro-Voice Dynamic hand mike (K13736); 20-ft. mike cable, 100-ft. speaker cable; all plugs, connectors, instructions, etc., READY TO OPERATE (NO EXTRAS). Code, REPLY. Shpg. wt. 155 lbs. List \$282.80.  
**Cash Price..... \$141.40**  
 Time:—\$14.14 down, \$17.50 per month for 8 months.

MODEL 786-T—As above, but with choice of ONE mike from standard selection (1 to 5) and de luxe all-chrome floor stand (K13528) in place of hand mike.  
**Cash Price..... \$145.95**

Above system (Model 786-T) available with choice of ONE mike from de luxe selection (6 or 7) in place of microphone from standard selection. ADD..... \$2.00

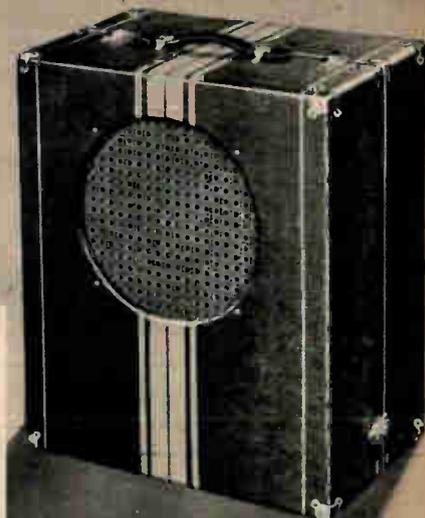
**141.40**  
 Cash Price  
 COMPLETE SYSTEM AS ILLUSTRATED READY-TO-OPERATE

# Lafayette 20-30 WATT ALL-PURPOSE



# SOUND-ON-FILM AMPLIFIER & PORTABLE

THE FINEST DUAL  
SPEAKER PORTABLE  
FOR BOTH 16MM & 35MM  
SOUND PROJECTORS.



**2745**  
Cash  
Price

COMPLETE IN  
"UNITIZED" CABINET  
LESS TUBES

- » Improved "Unitized" Model for Schools, Theatres, Etc.
- » Distortionless Volume for Audiences of Up to 2000 People
- » Photo Cell and Exciter Lamp Voltage Supplied in Unit

Newly styled and incorporating the latest technical advancements, this Lafayette sound-on-film amplifier will prove excellent for use in theatres, schools, camps, churches, and many other applications. It can be used with either 16 mm. and 35 mm. sound tracks. Extremely simple to install and operate, this amplifier has provision for dual projector operation. A simple changeover switch instantly changes from one projector to the other. New "Unitized" one piece cabinet housing protects unit; sloping panel "studio control" for ease of operation. Variable equalization accentuates high frequency response when using 16 mm. film. Two 6L6G "beam-power" tubes provide ample distortionless volume for audiences up to 2,000 indoors. Complete tube complement is: 1-6J7, 2-6SC7, 2-6L6C and 1-5U4G rectifier. Three input channels provided: two for P.E. cell or mike, one for phono. Exciter lamp voltages of 4, 7 and 8.5 volts up to 4½ ampere each. Amplifier housed in slate grey wrinkle finished "Unitized" cabinet with decorative chrome bands and chrome handle. "Velvet-grip" smooth control knobs.

MODEL 449-A—20 to 30 watt Theatre Amplifier with two 10-ft. photocell cables and plugs, less tubes. Code, SKEAT. Shpg. wt. 36 lbs. List Price \$54.90. Cash Price **\$27.45**  
Time: \$2.75 down, \$3.40 per month for 8 months.

MODEL 449-T—Same as above, with ONE set tubes (RCA & Raytheon). Cash Price **\$31.25**

#### AMPLIFIER TECHNICAL CHARACTERISTICS

Output in watts: Normal—20, Peak 30. Three Inputs: P.E. Cell or Mike—2, Phono—1. Gain in DB: P.E. Cell or Mike—120, Phono—80. Hum Level below 20 watts: —56 db. Frequency Response: 50-10,000 cycles. With sound track equalizer control. Output Impedances: 2, 4, 8, 16, 250, 500 ohms. Voltage supply for two exciter lamps. For operation on 110 volts 50/60 cycles a.c. 7½" high, 14½" wide, 7½" deep.

- » Complete Portable System Is Contained in a Single Case
- » Operates Efficiently with Either 16 MM or 35 MM Sound Film
- » Case Houses Two High Quality 10-Inch PM Reproducers

Lafayette offers this extremely compact 20 to 30 watt Portable Sound-on-Film System with every desirable modern feature. Amplifier in its "Unitized" cabinet fits snugly into the handsome Spanish Grey leatherette carrying case, easily removable when the system is in use. Carrying case houses two 10-inch high quality P.M. speakers, 50 ft. of rubber covered speaker cable and two 10-ft. lengths of photo-cell cable completely furnished with all plugs and connectors. Heavy metal speaker grille covering affords extra protection. Speakers connected to each other to provide greater overall coverage, first being 25 feet from amplifier and second 25 feet beyond. Carrying case is 18¼" high, 15" wide and 10½" deep, constructed sturdily and capable of long, hard usage. System may be used equally well for both 16 and 35 mm. sound-on-film. Special equalizer in amplifier accentuates high frequency response on 16 mm. film. Another example of Lafayette system value.

A complete portable theatre sound system for all sound-on-film and theatre work at a new low price.

#### Portable Sound-on-Film System

MODEL 669-T—20 to 30 watt Portable Sound-On-Film System includes: 449-T amplifier complete with tubes, in "Unitized" cabinet housed in Spanish Grey leatherette carrying case, containing two 10" P.M. speakers; 50-ft. speaker cable, two 10-ft. photocell cables, all plugs, connectors, instructions, etc. READY TO OPERATE (NO EXTRAS). Code, SPINE. Shpg. wt. 56 lbs. List Price \$97.50. Cash Price **\$48.75**  
Time: \$4.88 down, \$6.03 per month for 8 months.

For suitable microphone for use with system described above, your choice of ONE mike from standard selection (1 to 5 on page 76) and one friction clutch floor stand (K13647). Your Cost **\$14.55**

**4875**  
Cash  
Price

COMPLETE AS  
ILLUSTRATED  
NO EXTRAS

# Lafayette 45 TO 65 WATT AMPLIFIER

# COMPLETE FOUR SPEAKER SYSTEM



UNEXCELLED FOR DE LUXE SUPER POWER  
INSTALLATION—STUDIO CONTROL PANEL



**Choice of Microphones**  
At no additional cost with system 791-T you may select ONE microphone from: (1) Amperite Standard Velocity; (2) Amperite P.G. Dynamic; (3) Shure Swivel Crystal; (4) Shure Rocket Crystal; (5) Electro-Voice Velocity. With system 794-T, your choice of (6) Amperite De Luxe Velocity or (7) Electro-Voice De Luxe Dynamic.

**Remote Control**  
Remote control box (for specifications see page 64) for amplifier 480.  
**YOUR COST... \$5.45**



**51<sup>70</sup>** Cash Price  
CONSOLE AMPLIFIER  
LESS V.I. METER  
AND TUBES

- The Last Word in Facilities—Operating Ease—Performance
- Underwriter's Lab. Approved—Bass and Treble Equalizers
- Simultaneous Operation of 5 Inputs—Four Mikes & One Phone

Lafayette proudly presents this 45 to 65 watt broadcast studio type panel amplifier with many new features. Fully Underwriters' Laboratory approved. Outstanding features include: BEAM-POWER TUBES, four of these high gain tubes deliver tremendous power with negligible distortion; operation of 5 inputs; INDIVIDUAL BASS & TREBLE EQUALIZER CONTROLS, afford full "Quality" control and compensate for acoustic variation; REMOTE CONTROL, amplifier may be remotely controlled from distances up to 1,000 feet by use of the remote control box; STABILIZER CIRCUIT, a Lafayette development which eliminates pick-up of chassis noises; HUM-FREE PRE-AMPLIFIER CIRCUIT due to the use of D.C. heater supply on pre-amp. stage; VOLUME INDICATOR METER (optional); for visual monitoring control; MASTER MIKE GAIN CONTROL for complete control over several inputs in simultaneous

operation; "VELVET-GRIP" KNOBS for ultra smooth adjustment; fully approved by UNDERWRITER'S LABORATORY; 13 TUBES, including 4-6SJ7, 1-6SC7, 3-6C8G, 4-6L6G beam-power tubes and 1-83 rectifier; INVERSE FEEDBACK CIRCUIT for high gain distortionless output; IMPEDANCE SELECTOR SWITCH to match variable combination of speakers; All-Steel cabinet of modern design, grey wrinkle finish with etched aluminum panel.

MODEL 480-A—45 to 65 watt amplifier in cabinet, less tubes and Volume Indicator meter. Code, SCRUB. Shpg. wt. 51 lbs. List \$103.40. Cash Price..... **\$51.70**  
Time: \$5.17 down, \$6.40 per month for 8 months.

MODEL 480-T—As above, with ONE set tubes (RCA & Raytheon)..... **\$60.52**  
Cash Price.....

MODEL 593-P—Volume Indicator meter.  
YOUR COST..... \$4.50  
Amplifier available for 220 volt operation; 60 cycles, add..... \$5.65; 25 cycles..... \$13.90

- A DeLuxe Super-Power System For All Large Installations
- Four 12-Inch Heavy Duty PM Speakers—Wall-Type Baffles
- Remote Control—Built-In Tone Equalizer—Studio Control

A splendid system for use in circus, tent and road shows, centralized distribution systems, in court-rooms, schools, ballrooms, dance halls, skating rinks, ships, airports, amusement parks, etc., where great coverage is desired. Gives you tremendous power with perfect quality.

### Complete "Co-ordinated" System

MODEL 791-T—45 to 65 watt system includes: one

**AMPLIFIER TECHNICAL CHARACTERISTICS**  
Output in watts: Normal—45, Peak—65. Six Input Channels: Microphone—4, Phono—2; Gain in DB: Microphone—128, Phono—83. Hum Level below 45 watts: —50 db. Output Impedances: 2, 4, 8, 16, 250, 500 ohms. Frequency Response: 50-10,000 CPS. Individual Bass and Treble Equalizers. For 105-115 and 115-125 volts 50/60 cycles A.C. Underwriters' Approved. Dimensions: 10 3/4" high, 17 1/2" wide, 12 3/4" deep.

**124<sup>25</sup>** Cash Price  
COMPLETE—READY  
TO OPERATE  
MODEL 791-T

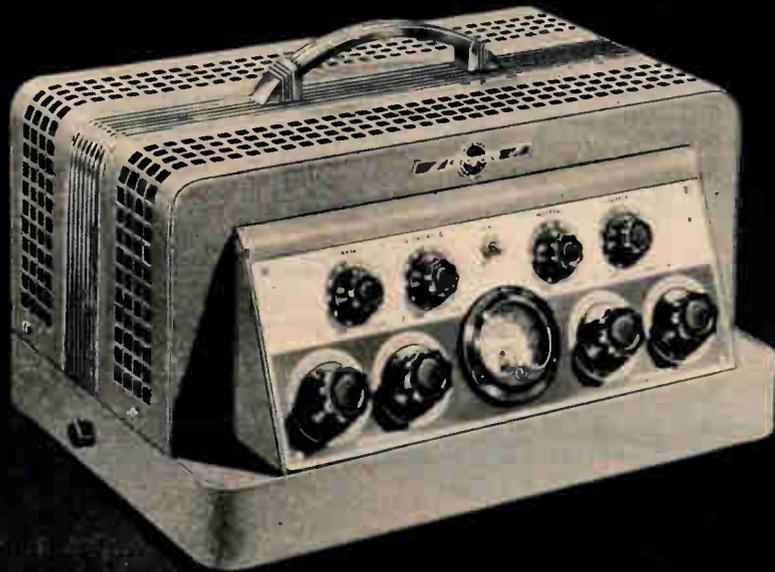
480-T amplifier in cabinet with tubes, less V.I. meter; four 12" heavy duty PM speakers (K19228); four 12" de luxe wall type Fabrikoid baffles (K20056); one mike (choice of standard selection, 1 to 5); one friction clutch all-chrome floor stand (K13528); 25-ft. mike cable, 200-ft. speaker cable, all plugs, instructions, etc... READY TO OPERATE (NO EXTRAS). Code, REMIT. Shpg. wt. **\$124.25**  
150 lbs. List \$248.50 Cash Price.....

MODEL 794-T—Same as above, but with choice of one mike from de luxe selection (6 or 7) in place of mike from standard selection. **\$126.25**  
Cash Price.....

Systems have provisions for using four mikes. Extra mike from standard selection (1 to 5) above, and one K13528 stand..... \$15.50  
Extra mike from de luxe selection (6 or 7) above, and one K13528 stand..... \$17.50

# Lafayette 75 TO 100 WATT AMPLIFIER

# GIANT POWER 4 SPEAKER SYSTEM



THE LAST WORD IN SOUND SYSTEMS  
"TOPS" IN POWER-QUALITY-PERFORMANCE



**Choice of Microphones**  
At no additional cost with system 798-T your choice of ONE microphone from (1) Amperite Standard Velocity; (2) Amperite P.G. Dynamic; (3) Shure Swivel Crystal; (4) Shure Rocket Crystal; (5) Electro-Voice velocity. With system 799-T your choice of either (6) Amperite De Luxe Velocity or (7) Electro-Voice De Luxe Dynamic.

**Remote Control**  
Remote control box (see specifications on page 64.)  
**YOUR COST.. \$5.45**



**6195**  
Cash Price  
AMPLIFIER ONLY  
LESS TUBES AND  
V.I. METER

- \* The Amplifier Without an Equal For All BIG Installations
- \* Underwriter's Laboratory Approved—6 Inputs—DB Meter
- \* Individual Bass & Treble Equalizers—4 "Beam-Power" Tubes

Having all the facilities of a broadcast studio control panel combined with all the power and "sock" needed for BIG installations such as stadia, armories, airports, race tracks, athletic fields, convention halls, etc., this 75 to 100 watt amplifier is one of Lafayette's best values. Features: Six inputs, four mike and two phono with simultaneous operation of five channels (4 mikes and either phono input); **INDIVIDUAL BASS and TREBLE EQUALIZERS** for complete control of frequency response and compensation of acoustic variations; **UNDERWRITER'S LABORATORY APPROVED**, added assurance of ultra-high quality; **VOLUME INDICATOR METER** (Optional) for complete visual monitoring; **BEAM-POWER OUTPUT** utilizing 4-6L6Gs, remaining tubes include: 4-6SJ7, 1-6SC7, 2-6C8G, 1-6F6, and 2-83 rectifiers. **INVERSE FEEDBACK** provides exceptionally high gain with negligible distortion.

Additional features include: **STABILIZER CIRCUIT**, a Lafayette development eliminating chassis noise pickup;  **RIPPLE-FREE PRE-AMP. CIRCUIT** accomplished through the use of D.C. heater supply; **REMOTE CONTROL** (Optional) through use of remote control box, up to 1,000 feet distance; **VELVET-GRIP KNOBS** assuring ultra-smooth adjustment of all controls; **STREAMLINED CABINET**, finished in attractive grey wrinkle, with etched aluminum control panel.

**MODEL 490-A**—75 to 100 watt Amplifier in cabinet less tubes and volume indicator meter. Code, SIBVL. Shpg. wt. 60 lbs. **\$61.95**  
Cash Price.  
Time: \$6.20 down, \$7.54 per month for 8 months.

**MODEL 490-T**—As above, but with ONE set tubes. (RCA & Raytheon) **\$71.72**  
Cash Price.

**MODEL 599-P**—Volume Indicator meter for use with above. **\$4.50**  
Above systems available for use on 220 volts: 60 cycles, add... **\$5.70**; 25 cycles, add... **\$18.25**

- \* The Super-Power System For Super-Service and Quality
- \* Speaker Selection Switch—Inverse Feedback—Mike Choice
- \* Four 12" Heavy Duty PM Speakers in Fabrikoid Baffles

Lafayette is proud to offer this super-power system at a price that makes it a true Lafayette super-value. Combining every modern P.A. feature PLUS several new features which stamp this outfit the finest BIG system money can buy.

**Complete "Co-ordinated" System**

**MODEL 798-T**—75 to 100 watt system includes: 490-T amplifier in cabinet, with tubes less volume

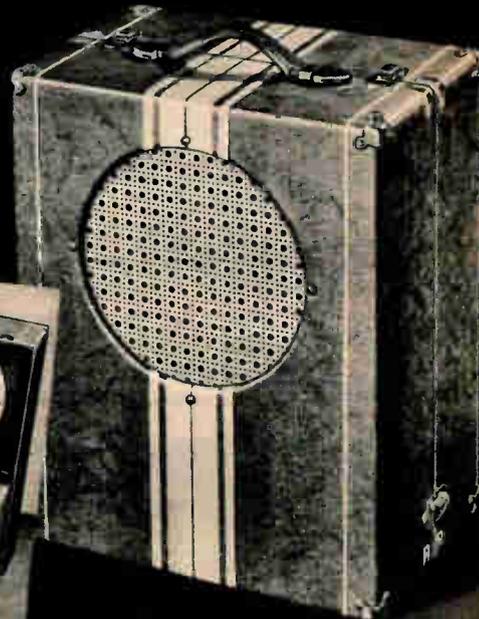
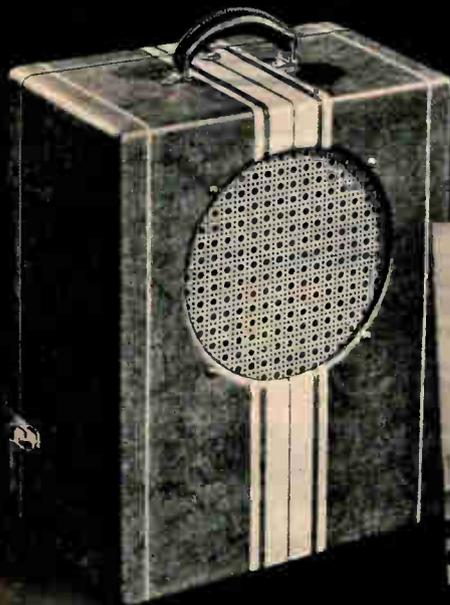
**AMPLIFIER TECHNICAL CHARACTERISTICS**  
Output in watts: Normal—75, Peak—100, Six Inputs: Microphone—4, Phono—2, Gain in DB: Microphone—127, Phono—77. Hum Level below 75 watts: 45 db. Output Impedances: 2, 4, 8, 16, 250, 500 ohms. Frequency Response: 50-10,000 CPS. Base-Treble Equalizer Controls. Provision for Remote Control and Volume Indicator Meter. For 105-115 and 115-125 volts 50/60 cycles. 10 1/4" H. 17 1/4" W. 12 3/4" D.

indicator meter; four 12" heavy duty P.M. speakers (K19228); four 12" wall type de luxe Fabrikoid baffles (K20056); ONE mike (choice from standard selection, 1 to 5); one de luxe floor stand (K13528); 25-ft. mike cable, 200-ft. speaker cable, all plugs, connectors, instructions, etc., **READY TO OPERATE**. Code, REBEL. Shpg. wt. 60 lbs. List \$270.90. Cash Price... **\$135.45**

**MODEL 799-T**—Same as above, but with choice of ONE mike from de luxe selection (6 or 7) in place of standard selection. **\$137.45**  
Cash Price.  
Time: \$13.75 down, \$17.01 per month for 8 months. Systems have provision for using four mikes. Extra microphone (from standard selection) and one K13528 stand... **\$15.50**  
Extra microphone (from de luxe selection) and one K13528 stand... **\$17.50**  
Any system with V.I. meter (599-P) add... **\$4.50**

**13745**  
Cash Price  
COMPLETE WITH  
DE LUXE MIKE  
READY TO OPERATE

FEATURING REMOVABLE "UNITIZED" AMPLIFIERS  
 12-16 WATT MODEL 18-22 WATT MODEL



**34<sup>95</sup>**  
 Cash Price  
 COMPLETE PORTABLE  
 AS ILLUSTRATED  
 NO EXTRAS

- Streamlined Case Holds Amplifier in "Unitized" Cabinet
- 10" PM Speaker, Microphone and Stand Fit into Case
- Professional Appearance—"Easy to Carry". Low in Price

Destined to be one of America's most popular portable amplifiers and systems because of its high performance characteristics, quality and technical specifications see page 62) in its modern "Unitized" cabinet. When amplifier is removed from carrying case in use it is still completely protected, a highly valuable feature. Amplifier fits snugly in case and may be used in that position if desired. Sturdy carrying case of handsome Spanish Grey leatherette.

**MODEL 621-A**—12 to 16 watt Portable Amplifier includes: 411-A amplifier, less tubes, in Spanish Grey leatherette carrying case which contains one 10-inch PM speaker, 25-ft. speaker cable, all plugs, etc. Case size: 18" high, 14 1/4" wide, 9 3/4" deep. Code, SKATE. Shpg. wt. 35 lbs. List Price \$49.50. **Your Cost \$24.75**  
 Cash Price

**MODEL 621-T**—Same as above, but with one set tubes (RCA & Raytheon). **\$27.32**  
 Cash Price

**Complete Portable System**

A highly efficient complete portable 12-16 watt sound system that will find great favor with traveling demonstrators, lecturers, small orchestras, and others who have need of a compact medium power system of high dependability. Completely "Co-ordinated", each component is matched and blended for best results.

**MODEL 708-T**—12 to 16 watt Portable System includes: 621-T portable amplifier in carrying case as described above, with 10-inch speaker and 25-ft. speaker cable, one Shure Streamliner Crystal mike and 12-ft. mike cable; one 3-purpose stand (K13352), all plugs, connectors, instructions, etc. **READY TO OPERATE (NO EXTRAS)**. Code, RIVAL. Shpg. wt. 40 lbs. List \$69.90. **\$34.95**  
 Cash Price  
 Time: \$3.50 down, \$4.33 per month for 8 months.

**MODEL 709-T**—Same as above, but with Astatic Bullet Crystal mike with 25-ft. mike cable in place Shure mike. **\$37.75**  
 Cash Price

**K21413**—Case only, as furnished with above systems. **\$4.95**  
 Wt. 11 lbs.

- America's Most Compact High Power Dual Speaker Portable
- Unexcelled for Average Portable P.A. Requirements
- Optional Choice of Mike—"Beam-Power" Tubes—Mixing & Fading

Once again Lafayette shows the way in this, the most compact dual speaker, single case portable amplifier on the market. Amplifier is Lafayette's 18-22 watt job in new "Unitized" cabinet, streamlined, fully protected, more powerful. Amplifier in cabinet fits snugly in case, easily removable for use when desired. Carrying case of handsome Spanish Grey leatherette contains two powerful 10-inch PM speakers. System is offered with choice of microphone. For technical details on amplifier complete information will be found on page 63. System available with Shure mike or with choice of standard mike at slight added cost.

**MODEL 645-A**—18 to 22 watt portable Amplifier includes: 417-A amplifier in "Unitized" cabinet less tubes, in Spanish Grey leatherette carrying case containing two 10" PM speakers and 50-ft. speaker cable, all plugs, etc. Case, size: 18 1/4" high, 15" wide, 10 1/4" deep. Code, SLANG. Shpg. wt. 50 lbs. List \$70.96. **\$35.48**  
 Cash Price

**MODEL 645-T**—Same as above with ONE SET tubes (RCA & Raytheon). **\$38.69**  
 Cash Price

**46<sup>35</sup>**  
 Cash Price  
 COMPLETE PORTABLE  
 AS ILLUSTRATED  
 NO EXTRAS

**Complete Portable System**

Complete "Co-ordinated" Portable System never before priced so low—a typical Lafayette value.

**MODEL 746-T**—Complete 18 to 22 watt Portable system includes: 645-T portable amplifier with tubes, as described above, including carrying case containing 2-10" PM speakers; one Shure Streamliner crystal mike and 12-ft. mike cable, 50-ft. speaker cable, one 10 to 15" banquet stand (K13353); all plugs, connectors, instructions, **READY TO OPERATE (NO EXTRAS)**. Code, RUMBL. Shpg. wt. 68 lbs. List \$92.70. **\$46.35**  
 Cash Price  
 Time: \$4.64 down, \$5.74 per month for 8 months.

**MODEL 749-T**—Same as 746-T system above but with ONE mike, choice from standard selection (1 to 5 on page 54), and one friction clutch floor stand (K13647), in place of Shure mike and banquet stand. Shpg. wt. 68 lbs. List \$106.40. **\$53.20**  
 Cash Price

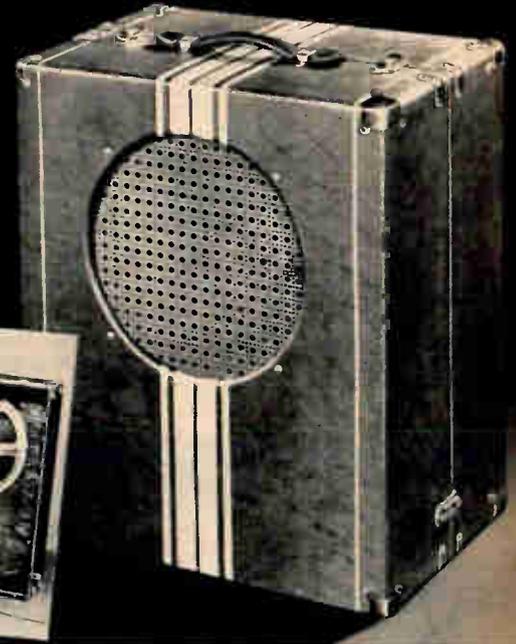
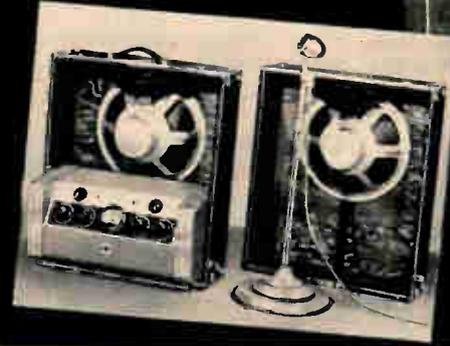
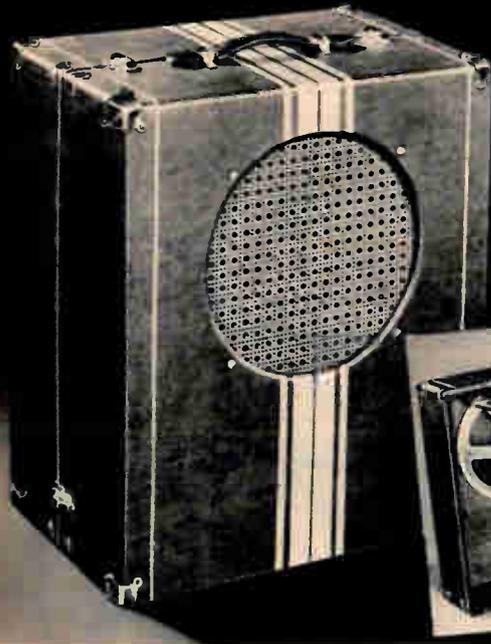
**K21414**—Carrying case only ..... **\$5.95**

# Lafayette DE LUZE STUDIO TYPE DUAL SPEAKER PORTABLE SYSTEMS

## COMPACT — POWERFUL — MODERN

### 26-35 WATT MODEL

### 32-45 WATT MODEL



**6075**  
Cash Price  
COMPLETE PORTABLE  
AS ILLUSTRATED  
READY-TO-OPERATE

- » Lowest Cost Portable Amplifier with Studio Control Panel
- » Streamlined Single Case Houses "Unitized" Amplifier
- » Facilities for Operation; 2 Mikes & One Phono Simultaneously

Lafayette incorporates its ultra modern streamlined 26 to 35 watt amplifier in "Unitized" cabinet and sloping panel studio-type controls into this high power single case portable job that will find a ready welcome with traveling orchestras and others desiring a high power, multi-channel input portable that is really portable. Spanish Grey leatherette carrying case contains two heavy duty 12-inch dynamics (field current supplied by amplifier). Two "beam-power" tubes provide ample volume. Amplifier specifications will be found on page 64.

**MODEL 651-A**—26 to 35 watt Portable Amplifier includes: 439-A amplifier in "Unitized" cabinet less tubes, contained in Spanish Grey leatherette carrying case, two 12" dynamic speakers with 50-ft. speaker cable and plugs. Case size, 21 1/4" high, 18 1/4" wide, 12 3/4" deep. Code, SLOTH. Shpg. wt. 60 lbs.  
List \$91.40.  
Cash Price **\$45-70**

**MODEL 651-T**—Same as above, with one set tubes (RCA & Raytheon)  
Cash Price **\$50.35**

#### Complete Portable System

**MODEL 773-T**—26 to 35 watt Portable System includes: 651-T amplifier as described at left in carrying case with two speakers; one Astatic Bullet crystal mike; one 10 to 15" banquet stand (K13353); 25-ft. mike cable, 50-ft. speaker cable, all plugs, connectors, instructions, etc., **READY TO OPERATE (NO EXTRAS)**. Code, ROWAN. Shpg. wt. 85 lbs.  
List \$121.50.  
Cash Price **\$60-75**

Time: \$6.08 down, \$7.52 per month for 8 months.

**MODEL 774-T**—Same as above, but with your choice of ONE mike from standard selection (1 to 5 on page 46) and friction clutch floor stand in place of Astatic mike and banquet stand.  
List Price \$129.60.  
Cash Price **\$64.80**

Extra Astatic Bullet crystal mike and friction clutch floor stand (K13647) **\$12.15**

Extra mike (from standard selection, 1 to 5 on page 46) and K13647 stand. **\$14.55**

K21415—Carrying case only, as furnished with above systems. **\$7.75**

- » Compact, Higher Power Single Case Dual Speaker Portable
- » Built-In Equalizer—Stabilizer Circuit—12" Speakers
- » Amplifier in "Unitized" Cabinet Completely Removable From Case

This is the highest powered P.A. amplifier and system offered in a single case portable unit. Utilizing the 32 to 45 watt sloping panel "Unitized" amplifier described fully on page 65, it is a perfect outfit for any traveling unit, showmen, salesmen, etc. Completely portable in every respect, with amplifier removable for use. Two 12-inch heavy duty dynamic speakers are offered with the amplifier. Complete system includes Astatic Bullet crystal mike and is also available with choice of standard mike.

**MODEL 657-A**—32 to 45 watt single case Portable amplifier includes: 451-A amplifier in "Unitized" cabinet less tubes and Volume Indicator meter in Spanish Grey leatherette carrying case containing two 12-inch heavy duty dynamic speakers and 50-ft. speaker cable with plugs. Case size: 21 1/4" high, 18 1/4" wide, 12 3/4" deep. Code, SNARL. Shpg. wt. 62 lbs.  
List \$109.40  
Cash Price **\$54-70**

**MODEL 657-T**—Same as above, with ONE set tubes (RCA & Raytheon)  
Cash Price **\$60.05**

**MODEL 566-P**—Volume Indicator meter **\$4.50**

**7220**  
Cash Price  
COMPLETE SYSTEM  
READY-TO-OPERATE  
MODEL 775-T

#### Complete System

A complete 32 to 45 watt "Co-ordinated" portable system is offered with choice of one mike. Listing of complete system directly below.

**MODEL 775-T**—32 to 45 watt single case Portable System includes: 657-T portable amplifier with tubes, less volume indicator meter in carrying case containing two 12" dynamic speakers; one Astatic Bullet crystal mike. 25-ft. mike cable, 50-ft. speaker cable; one friction clutch floor stand (K13647), all plugs, connectors, instructions, etc., **READY TO OPERATE (NO EXTRAS)**. Code, REMIS. Shpg. wt. 84 lbs.  
List Price \$144.40.  
Cash Price **\$72-20**  
Time: \$7.22 down, \$8.94 per month for 8 months.

**MODEL 776-T**—Same as above, but with choice of ONE mike from standard selection (1 to 5 on page 47), in place of Astatic mike.  
Cash Price **\$74.60**

Volume Indicator Meter listed at left.

K21415—Carrying case only, as furnished with above systems. **\$7-75**

# DUAL CASE PORTABLES



## DE LUXE 32-45 WATT MODEL

## DE LUXE 45-65 WATT MODEL

**90<sup>45</sup>**  
Cash Price  
COMPLETE SYSTEM  
IN TWO CASES  
MODEL 789-T

- High in Quality—Power—Performance
- Four Inputs—Base-Treble Equalizers
- Bass Reflex Type Speaker Baffles

Built to satisfy the exacting requirements of "name" bands and traveling units demanding super-quality and great covering power, this de luxe 32 to 45 watt dual case portable outfit is truly a remarkable job. For complete details and technical specifications on the amplifier see page 65. Amplifier is housed in carrying case which has compartment for containing microphone speakers in bass reflex type baffles.



- World's Finest Dual Case Portable
- Super-Power—Versatility—Value
- Ample Coverage for BIG Installations

**118<sup>10</sup>**  
Cash Price  
COMPLETE SYSTEM  
IN TWO CASES  
MODEL 796-T

Designed around Lafayette's superb 45 to 65 watt "Studio-Control Amplifier" this outfit is without an equal in its field. Boasting EVERY modern P.A. feature the amplifier (for details see page 71) is housed in a Spanish Grey leatherette carrying case with a roomy compartment for mikes and stand. Separate speaker case contains two 12-inch heavy duty P.M. speakers. No finer system for traveling units made today.

phone and floor stand. Speaker case contains two 12-inch Auditorium Dynamic Speakers in bass reflex type baffles.

### 32 to 45 Watt De Luxe Portable Amplifier

- MODEL 683-A**—32 to 45 watt de luxe Portable Amplifier includes: one 451-A amplifier in "Unitized" cabinet, less tubes and Volume Indicator Meter housed in Spanish Grey leatherette carrying case with accessory compartment. Also speaker carrying case of Spanish Grey leatherette containing two 12-inch Auditorium Dynamic speakers, 100-ft. speaker cable and connector plugs. Amplifier case size: 13" high, 20" wide, 14" deep. Speaker case size: 20" high, 15" wide, 14" deep. Code, SMEAR. Shpg. wt. 110 lbs. **\$71.43**  
List \$142.86. Cash Price.
- MODEL 683-T**—Same as above, but with ONE set of tubes (RCA & Raytheon). Cash Price. **\$76.78**
- MODEL 566-P**—Volume Indicator Meter, only. **\$4.50**

### Complete De Luxe Portable System

- MODEL 789-T**—32 to 45 watt de luxe Portable System includes: 683-T portable amplifier and speakers, with tubes, less volume indicator meter; ONE mike (your choice from standard selection, 1 to 5); one Banquet Stand, 18" to 33" (K13354); 25-ft. mike cable, 100-ft. speaker cable, all plugs, connectors, instructions, etc., READY TO OPERATE (NO EXTRAS). Code, REBUS. Shpg. wt. 125 lbs. List Price \$180.90. Cash Price. **\$90.45**  
Time: \$9.05 down, \$11.19 per month for 8 months.
- MODEL 790-T**—Same as above, but with your choice of ONE mike (6 or 7) from de luxe selection in place of standard mike. Cash Price. **\$92.45**
- Extra microphone from standard selection (1 to 5) and one (K13647) friction clutch floor stand. **\$14.55**
- Extra microphone from de luxe selection (6 or 7) and one (K13647) friction clutch floor stand. **\$16.55**
- K21416—Amplifier carrying case only (Wt. 27 lbs.). **\$7.75**
- K21417—Speaker carrying case only (Wt. 25 lbs.). **\$9.75**

### 45 to 65 Watt De Luxe Portable Amplifier

- MODEL 691-A**—45 to 65 watt de luxe Portable Amplifier includes: one 480-A amplifier in "Unitized" cabinet, less tubes and Volume Indicator Meter housed in Spanish Grey leatherette carrying case with accessory compartment. Also speaker carrying case of Spanish Grey leatherette containing two 12-inch heavy duty P.M. speakers, 100-ft. speaker cable, plugs and connectors. Amplifier case size: 13" high, 20" wide, 14" deep. Code, SOFIA. Shpg. wt. 125 lbs. **\$92.90**  
List \$185.80. Cash Price.
- MODEL 691-T**—Same as above, but with one set of tubes (RCA & Raytheon). Cash Price. **\$101.72**
- MODEL 593-P**—Volume Indicator Meter, only. **\$4.50**

### Complete De Luxe Portable System

- MODEL 796-T**—45 to 65 watt de luxe Portable System includes: 691-T portable amplifier and speakers, with tubes, less volume indicator meter; ONE mike (your choice from standard selection, 1 to 5); one three-section collapsible floor stand extending 17 to 66 inches (K13430); 25-ft. mike cable, 100-ft. speaker cable, all plugs, connectors, instructions, etc., READY TO OPERATE (NO EXTRAS). Code, RISEN. Shpg. wt. 150 lbs. List Price \$236.20. **\$118.10**  
Time: \$11.81 down, \$14.62 per month for 8 months.
- MODEL 797-T**—Same as above, but with your choice of ONE mike (6 or 7) from de luxe selection in place of standard mike. Cash Price. **\$120.10**
- Extra pair of 12-inch heavy duty P.M. speakers in carrying case as above, 100-ft. speaker cable, plugs and connectors. Wt. 55 lbs. **\$32.10**  
Your Cost.
- Extra mike (1 to 6 from standard selection above) and K13528 all-chrome friction clutch floor stand. **\$15.50**
- Extra mike (6 or 7 from de luxe selection above) and K13528 all-chrome friction clutch floor stand. **\$17.50**



### Choice of Microphone

Standard selection for systems on this page includes: (1) Amperite Standard Velocity; (2) Amperite P.G. Dynamic; (3) Shure Swivel Crystal; (4) Shure Rocket Crystal; (5) Electro-Voice Velocity. All furnished with 25-ft. mike cable. De Luxe selection includes: (6) Amperite De Luxe Velocity or (7) Electro-Voice De Luxe Dynamic.

### Remote Control

Remote control box (specifications on page 65) for use with either system. **YOUR COST. . . . . \$5.45**



# PROFESSIONAL AMPLIFYING EQUIPMENT



F - REAR VIEW



## WORLD'S FINEST EQUIPMENT FOR RECORDING, BROADCASTING, ETC.

- » Complete Facilities For Any Sound Need
- » Highest Fidelity Transformers Throughout

Space limitations prevent full technical description of this amplifying equipment, undoubtedly the finest sound device of its type available today. For complete details please refer to our Master Catalog number 78 or contact our Sound Consulting engineers. Available in individual units or in any combination desired.

### Individual Units

(A) Hum-Free Power Supplies—De Luxe Model incorporates a special power transformer housed in a cast iron shielded case, a three section filter choke circuit and a total of 72 mfd. of capacity. Input for 110-125 volts, 50/60 cycles a.c. Output: 360 volts d.c. at 160 ma. maximum; 6 volts a.c. at 4 amps. and 6 volts at 6 amps. Employs 5X4G rectifier tube. Chassis  $5\frac{1}{2} \times 19 \times 7\frac{1}{2}$ " on  $3\frac{1}{2} \times 19$ " rack panel. List \$56.50.

MODEL 195-T—Shpg. wt. 25 lbs. Cash Price, with tube..... **\$28.25**  
Time:—\$2.83 down, \$3.50 per month for 8 months.

Standard Model—Similar to above, but employs 5Y3G tube and furnishes 6 volts at 4 amps. and 300 volts at 65 ma. Mounted on  $3\frac{1}{2} \times 19$ " panel.  
MODEL 194-T—List \$35.00. Cash Price, with tube..... **\$17.50**

(B) Monitor Panel with db. Meter—Provides complete visual control of output. Has 2" db. meter with high return damping for accurate peak values. Meter calibrated from minus 10 to plus 6 db. 15 position tap switch permits readings from -10 up to +48 db. Mounted on panel  $3\frac{1}{2} \times 19$ ". Shpg. wt. 10 lbs.  
MODEL 146-P—List \$83.90. Cash Price..... **\$41.95**

(C) 12-Watt High Fidelity Power Stage—Designed primarily for recording purposes. Power output 12 watts normal, 22 watts peak. Harmonic content at 12 watts only 2.5%. Hum level minus 31 db. below zero level, minus 63 db. from 12 watts. Output impedance: 1.2, 2.5, 5, 7.5, 10, 15, 20, 30, 50, 125, 200, 250, 333 and 500 ohms balanced line. Input impedances: 50, 125, 250, 333 and 500 ohms balanced line. Circuit employs—2-6C8G and 2-6L6Gs. Mounted on  $3\frac{1}{2} \times 19$ " panel. Shpg. wt. 32 lbs.  
MODEL 191-T—Power stage with tubes. Cash Price..... **\$55.70**

(D) Full Range Equalizer—Combined low and high frequency equalizer. Each range has its individual tap switch frequency range selector and degree of equalization control. Mounted on  $3\frac{1}{2} \times 19$ " panel. Shpg. wt. 25 lbs.  
MODEL 188-P—List \$170.00. Cash Price..... **\$85.00**

(E) 5 Channel High Fidelity Mixer—Special designed unit that affords greater attenuation with smoother control of action—no steps of any kind. Far superior to "T" and "H" pad mixers. Output impedances available are 50, 125, 333 and 500 ohms. Tubes used: 6-6J7s. Mounted on  $3\frac{1}{2} \times 19$ " rack panel.  
MODEL 182-T—5 Channel Mixer, with tubes. List \$71.40. Shpg. wt. 20 lbs. Cash Price..... **\$35.70**

(F) Wide Range Pre-Amplifiers—Compact high-fidelity units capable of extremely faithful reproduction of all frequencies in the audible range. A 6J7 tube provides an overall gain of 35 db. Low impedance model employs a new triple magnetic shielded input transformer. High impedance model feeds direct to grid. Chassis:  $3\frac{1}{2} \times 4\frac{1}{2} \times 4$ ". (3 can be mounted on single rack panel).  
MODEL 168-TL—Low Impedance Model, with tube..... **\$18.50**  
List \$37.00. Shpg. wt. 8 lbs. Your Cost.....

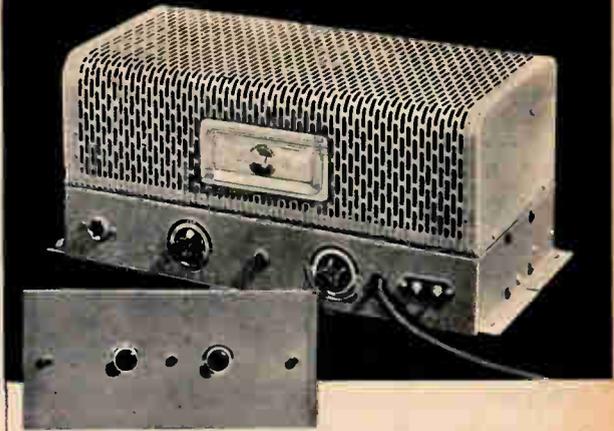
MODEL 168-TH—High Impedance Model, with tube..... **\$7.50**  
List \$15.00. Shpg. wt. 4 lbs. Your Cost.....

Rack Panel and Chassis—Accommodates up to 3 pre-amplifiers. Has chassis with shielded plug for input connections. Panel  $3\frac{1}{2} \times 19$ ", with chassis  $3\frac{1}{2} \times 19 \times 1$ ". Panel is removable.  
MODEL 167-P—(Wt. 5 lbs.). List \$18.70. Your Cost..... **\$9.35**

MODEL 192-P—Case only, with  $26\frac{1}{2}$ " Panel Space. **\$14.25**  
 $28\frac{1}{2} \times 20\frac{1}{2} \times 13\frac{1}{2}$ ". Shpg. wt. 47 lbs. Your Cost.....

MODEL 193-P—Case only, with  $10\frac{1}{2}$ " Panel Space. **\$9.95**  
 $12\frac{1}{2} \times 20\frac{1}{2} \times 13\frac{1}{2}$ ". Wt. 25 lbs. Your Cost.....

Blank Panels for all-in purposes available.



## 50-75 WATT BOOSTER AMPLIFIER

- » Can Be Operated From Any Type or Make Amplifier
- » 4 "Beam-Power" Tubes—Non-Critical Matching
- » Negative Feedback—Fixed Equalizer Circuit

Lafayette engineers now offer this 50 to 75 watt booster amplifier for use in conjunction with any of their line of p.a. amplifiers or for use with any other make or type of amplifier. Very simple to hook up; complete instructions for connecting and operating provided. No power input is necessary to drive this unit. Zero level or 1.73 volts will drive this booster amplifier to its full output. Excellent for use on big indoor or outdoor installations where tremendous areas are to be covered, as at airports, stadiums, boardwalks, race-tracks, etc. Any number of these units may be used for any desired increase in total power. 10 db. feedback makes matching to any speaker load non-critical. Amplifier provides power for an external pre-amplifier circuit. Tubes used include: 2-6C8G, 4-6L6G beam-power tubes and 1-83 rectifier.

MODEL 485-A—50 to 75 watt Booster Amplifier stage, less tubes and screen cover. Code, SHRUB. Shpg. wt. 40 lbs. List \$57.70. Cash Price..... **\$28.85**

Time:—\$2.89 down, \$3.57 per month for 8 months.

MODEL 485-T—Same as above, with one complete set of tubes (RCA & Raytheon). Cash Price..... **\$34.17**

MODEL 485-DP—Screen cover only (K13753)..... **\$2.35**

MODEL 486-A—50 to 75 watt Booster Amplifier stage, less tubes, in Rack Panel mounting. Size:  $8\frac{1}{2} \times 19 \times 8$ " D. Code, SIGHT. Shpg. wt. 42 lbs. List Price \$64.10. Cash Price..... **\$32.05**

MODEL 486-T—Same as above, with one complete set of tubes (RCA & Raytheon). Cash Price..... **\$37.37**

### AMPLIFIER TECHNICAL CHARACTERISTICS

Output in watts: Normal—50, Peak—75. One High Impedance Input Channel. Gain in DB: 85. Hum Level below 50 watts:—61 db. Output Impedances: 2, 4, 8, 16, 250, 500 ohms. Frequency Response: 40 to 12,000 CPS. For operation on 105-115 and 115-125 volts, 50/60 cycles A.C. Size: 8" H, 17" W,  $8\frac{1}{2}$ " D.

# CONVERT YOUR PRESENT P.A. SYSTEM INTO A PORTABLE



## Modern Streamlined Dual Speaker Carrying Case Bass-Reflex Type Baffles

An exceptionally well-built and handsome appearing dual speaker carrying case offered at an unusually low price for a unit of this calibre. Will house two speakers having diameters of twelve inches. Afford excellent frequency response due to the efficient design of the baffles, of the bass-reflex type which provides back pressure reinforcement. Speaker cables may be carried in opening provided. Case is attractively covered with Spanish Brown leatherette with contrasting stripes. Leather bumpers on all corners; brass hardware and leather carrying handle. Snap locks hold the two equal half units together, forming an easy-to-carry solid portable case. Speaker openings of inclined baffles protected by metal grilles. Size, when closed: 16" high, 14" wide,

12 1/4" deep. Shpg. wt. 20 lbs. K22067—Your Cost.....

**\$8.45**

## Economy Single and Dual Portable Speaker Cases

### Single Speaker Case (A)

Will house any dynamic speaker up to 12" in diameter. Sturdy plywood case, black leatherette covered. 10" speaker opening, grille cloth protected by wire mesh. Leather carrying handle; metal bumpers. Insert type door back. Size: 14"x14 1/4"x9 1/4". Wt. 13 lbs. K22061—

Your Cost..... **\$2.95**

### Dual Speaker Case (B)

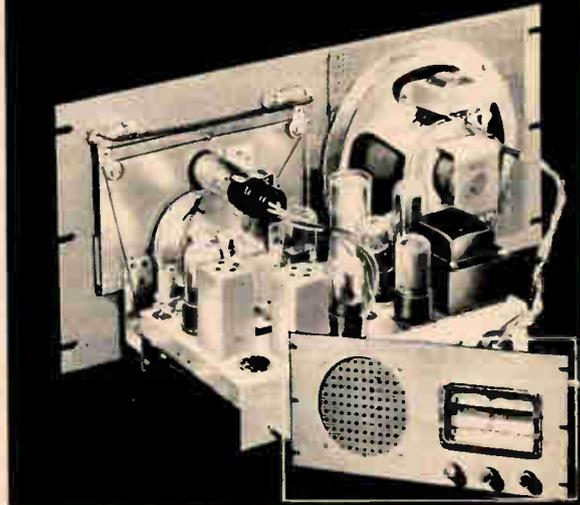
Houses two speakers up to 12" diam. Opens into two halves each serving as an efficient baffle. Plywood black leatherette covered. Leather handle; metal bumpers top and bottom. Speaker openings in each side covered with grille cloth and wire mesh. Size (closed) 9"x14 1/4"x22 1/4". Wt. 13 lbs. K22062—Your Cost.....

**\$4.95**

### All Portable Cases Listed in P.A. Systems Available

All carrying cases supplied with Lafayette portable systems may be purchased separately. Prices listed along with systems. When ordering please specify model number of carrying case desired.

# Lafayette STANDARD AND ECONOMY P.A. TUNERS



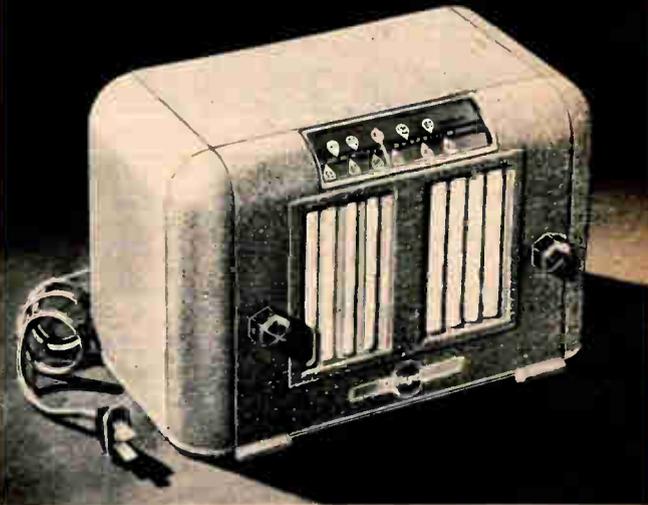
## Standard Eight Tube Superhet P.A. Tuner

- » For Rack or Cabinet Mounting—8" Monitor Speaker
- » Covers Complete Broadcast Band—Police Band
- » Built-In Monitor Bridging Amplifier

An entirely new tuner for use with P.A. systems requiring high sensitivity and full tonal range over the entire broadcast band. Engineered to make fullest use of the latest in superhet circuits and the newest multi-purpose single-ended tubes. These tubes, with their elimination of screen grid caps and leads, greatly reduce losses and improve the efficiency of the circuit. Tubes used include: 1-6SA7GT, 1-6SK7GT, 2-6P5GT, 1-6SQ7GT, 1-6K6GT, 1-6U5, and 1-5W4GT. A special feature of this tuner is the circuit enabling it to be used with the 8-inch dynamic speaker as a bridging monitor amplifier, which can monitor either the tuner, the input or the output of the main amplifier stages. The output impedances are arranged for connection to a 500 ohm line or directly to a high impedance input. A 6U5 tuning "Eye" is located directly in the tuning dial for maximum visibility. Dial is a large easy-to-read slide-rule type, indirectly lighted. Among the numerous features of this new tuner; Tuning Band for all domestic broadcasts extending from 540 kc. to 1800 kc. (550 to 170 meters), including the upper police band; Full Automatic Volume Control; Three-Step pre-set tone control; 20 to 25 microvolts sensitivity. Panel is finished in slate grey wrinkle. Tuner also available for cabinet mounting.

**MODEL 1035-T**—Lafayette Single Band 8-Tube Superhet Tuner with panel for standard 19" rack mounting finished in slate grey wrinkle. Complete with all tubes. For operation on 110 volts 50/60 cycles a.c. Dimensions: 19" wide, 8 1/2" high, and 8" deep. Shpg. wt. 17 lbs. Code, SEPAL. **\$28.90** Cash Price. Time—\$2.89 down, \$3.58 per month for 8 months.

**MODEL 1034-T**—As above, but chassis and speaker only, less panel. For cabinet mounting. Complete with tubes. Chassis size: 8 1/2" H, 12" W, 8" D. Code, SHAME. Shpg. wt. 14 lbs. Your Cost..... **\$24.95**



## Economy Broadcast Band 5-Tube P.A. Tuner

- » Completely Self-Contained in Plastic Cabinet
- » Built-In Loop Antenna—5-Inch Monitor Speaker
- » Covers Broadcast and Police Band—Slide-Rule Dial

Here is the most compact little P.A. tuner yet devised—capable of good fidelity when used with wide-range P.A. equipment. This handsome little model, no larger than the usual midget table model receiver is capable of affording reproduction of broadcast programs of good fidelity. An excellent accessory unit for any fine P.A. system in schools, auditoriums, resorts, camps, etc. The coverage extends down to 1800 kc. which includes the upper police band as well as domestic high fidelity stations. A tuned built-in loop antenna assures the maximum sensitivity over the entire range. The modern superhet circuit makes fullest use of the following multi-purpose tubes: 1-6A7, 1-6D6, 1-6Q7G, 1-41 and an 80 rectifier. Features of this fine little tuner include: full automatic volume control to minimize fading on weak and distance stations and to eliminate blasting. A fine 5-inch speaker is set behind the modern grille for purposes of monitoring the input to the main amplifier. The large easy-to-read dial is of the slide-rule type with indirect lighting and large numerals. A wide range tone control affords complete compensation for various acoustical conditions and for individual preferences. While no outside antenna is needed, the pre-tuned loop serving instead, provision is made for connecting an outside antenna should one be desired. Operates on 100 volts, 50/60 cycles a.c. Plastic cabinet handsomely finished in slate grey wrinkle which matches most P.A. units.

**MODEL 1036-T**—Lafayette Single Band 5-Tube Economy Superhet Tuner in slate grey wrinkle plastic cabinet, with self-contained loop and all tubes. For operation on 110 volts, 50/60 cycles a.c. Size: 7" high, 10 1/2" wide, 6" deep. Code, SLASH. Shpg. wt. 9 1/2 lbs. Your Cost..... **\$16.45**

**78 NEW IMPROVED RECORD PLAYERS FOR P.A. SYSTEMS**



**"Economy" Wide-Range Record Player**

- Outer-Drive Constant Speed (78 R.P.M.) Motor
- ASTATIC High Impedance Crystal Pick-Up

An excellent portable phonograph record player that has been designed for use in high quality P.A. installations or with radio receivers. Has de luxe outer-drive constant speed (78 r.p.m.) motor and 9-inch felt covered turntable. Plays 10" or 12" records (with lid closed). Tangent head Astatic crystal pick-up (high impedance) for wide-range frequency response. Built-in volume control and separate push-type "on-off" switch. Sturdy carrying case covered in Spanish Brown leatherette (top removable). Size: 7" H, 15 1/4" W, 13 1/4" D. For 110 volts, 60 cycles A.C. Supplied with 4-ft. shielded lead. Shpg. wt. 22 lbs.

**K21880—Your Cost..... \$10.85**  
**K21881—Same as above, but with G.I. gear drive constant speed motor, 10" turntable. Your Cost..... \$13.25**  
**K21944—CASE ONLY. Your Cost..... \$3.75**

**"DeLuxe" High Fidelity Portables**

- Governor Controlled Motor With Speed Regulator
- SHURE "ZEPHYR" High-Fidelity Crystal Pick-Up

(This model illustrated above). Will provide true high-fidelity reproduction when used with a good quality amplifier. Has Shure "Zephyr" crystal pick-up, combined automatic stop and "on-off" switch, speed regulator and built-in volume control. Heavy plywood case covered in Spanish Brown leatherette; brass hardware; top is removable. All motors are governor controlled and have 12" turntable. Plays 10" or 12" records with lid closed. Has 4-ft. shielded lead. Size: 7" H, 15 1/4" W, 13 1/4" D. For 110 volts, 60 cycles A.C. Shpg. wt. 28 lbs.

**K22000—With Garrard single speed (78 r.p.m.) motor. Your Cost..... \$17.40**  
**K22001—With Green Flyer two-speed motor (78 and 33 1/2 r.p.m.). For 100 volts 60 cycles A.C. Your Cost..... \$19.95**  
**K22002—With Garrard single speed (78 r.p.m.) Universal motor for 100-130 and 200-250 volts D.C. or A.C. 25 to 60 cycles. Cash Price..... \$26.95**  
 Time: \$2.70 down, \$3.34 per month for 8 months.  
**K21933—CASE ONLY. Your Cost..... \$4.75**

**16" TRANSCRIPTION PLAYERS**  
 Optional "BUILT-IN" Amplifier & Spkr.



**Ideal for Advertising Agency Radio Auditions**

- DeLuxe Model—Built-In Amplifier and Speaker
- For 110 Volts AC or DC—ASTATIC Pick-Up
- Dual Speed Motor—Plays Records up to 17 1/4"

The finest portable transcription player on the market today. A de luxe outfit designed to meet all transcription record playing requirements. Ideal for advertising agencies, traveling demonstrators, "canned" sales talks, etc. Will play records up to 17 1/4 inches in diameter. Unit comprises a special heavy duty A.C.-D.C. transcription motor, dual speed, 78 and 33 1/2 r.p.m., plus a wide range power amplifier and speaker. Crystal pick-up with 12-inch arm affords true high fidelity frequency coverage. Incorporates record carrier. Mounted in an attractive, sturdy plywood carrying case, covered in Spanish Brown leatherette, measuring 13" high, 24 3/4" wide and 17 1/4" deep. Motor is accurately balanced and is provided with a 16-inch specially weighted and balanced turntable. Governor controlled motor with speed-regulator on panel. Pick-up arm rest holds arm securely while outfit is being transported. Amplifier employs 1-2SC7, 2-35L6GT "BEAM-POWER" tubes in a push-pull output stage and 1-35Z5GT rectifier. Power output normal 2 1/2 watts, peak 4 watts. Hum level below 2 1/2 watts is minus 62 db. Gain 60 db. Frequency response  $\pm 1/2$  db. from 20 to 7000 c.p.s. Operates on either 110 volts A.C. or D.C. Has 10" high-fidelity P.M. speaker with Alnico magnet mounted in lid of case which acts as an INFINITE Baffle. Also features built-in volume control; "on-off" switch; tone-control; speed-regulator.

**K21970—De Luxe Transcription Player with built-in amplifier, speaker and 25-ft. speaker cable, complete with tubes. For 110 volts A.C. or D.C. Shpg. wt. 42 lbs. List Price \$139.60. Cash Price..... \$69.80**  
 Time: \$6.98 down, \$8.64 per month for 8 months.

**Standard Model**

Similar to unit above, but less amplifier and speaker, for use with high quality amplifiers, and for 110 volts 60 cycles A.C. only. Heavy plywood case with leatherette covering measures 7 1/2" high, 23" wide, 18" deep. Shpg. wt. 38 lbs.  
**K22008—List Price \$85.00. Cash Price..... \$42.50**

**LAFAYETTE 15 TO 18 WATT PHONO EXPANDER AMPLIFIER**



**Brings Out All the Realism in Your Records**

- Unsurpassed For Tonal Quality and Volume
- "Beam-Power" Output—Tone Control—Compact

Lafayette engineers have developed this high-quality amplifier with one aim, namely, the highest quality reproduction for phonograph recordings. And we are proud to say that they have achieved this worth-while goal in this 15 to 18 watt Volume Expander phono amplifier. Volume expansion adds realism and a startlingly life-like quality to your recordings because of the modern recording practice of "compression". Compression means, simply, that when the dynamic range of the music or sound being recorded exceeds a certain point—which would be beyond the normal width of the record groove—a "compressor" circuit automatically comes into play and keeps the recording groove within its normal confines. When the recording is played back through a volume expander amplifier the "expander" circuit automatically replaces the "compressed" sound and reproduction, duplicates the original sound in all its dynamic and tonal brilliance. The amplifier incorporates all the latest engineering developments including "beam-power" tubes, inverse feedback and has an overall frequency response of 50 to 8,000 cycles. Tubes used: 1-6SC7, 7-6L6G, 2-6L6G and 1-5Y3G. Only three simple controls: Volume, Expansion and Tone.

**MODEL 415-A—Lafayette 15 to 18 watt Volume Expander Phono Amplifier, less tubes and cover. Code, SLUMP. Shpg. wt. 25 lbs. List Price \$35.90. Your Cost..... \$17.95**  
**MODEL 415-T—Same as above, but with one set of RCA 251B and Raytheon tubes. Your Cost..... \$21.96**  
**MODEL 415-DF—Protective cover only (K13747)..... \$1.70**

**AMPLIFIER TECHNICAL CHARACTERISTICS**

Output in watts: Normal—15. Peak—18. One Input for Phono Pick-Up. Phono Gain in DB:—70. Hum Level below 15 watts: 57 db. Output Impedances: 2, 4, 8, 16, 250 and 500 ohms. Frequency Response: 50 to 8,000 cycles per second with special beam boost circuit. Controls: Volume, Volume Expansion, Tone. For 110 volts 50/60 cycles A.C. Has special 110 volt 50/60 cycles outlet for connection directly to phono motor. Dimensions: 7 1/2" H, 11 1/2" W, 5 1/2" D.

# RECORDING DISCS



**PRESTO RECORDING DISCS.** A very popular make of high quality Acetate discs. Record on both sides. Green Seal have a heavy aluminum base and are .022" thick. Blue Seal are on light aluminum and are .021" thick. Monogram are on cardboard .050" thick.

Diam-	Green Seal	Your Cost	Blue Seal	Your Cost	Monogram	Your Cost
6"	K11955	\$0.40	K11960	\$0.25	K11965	\$0.20
8"	K11956	.55	K11961	.40	K11966	.35
10"	K11957	.80	K11962	.60	K11967	.50
12"	K11958	1.00			K11968	.70
18"	K11959	1.80				

**ALUMINUM BLANKS.** Available either plain, for use with recorders having lead screws, or pre-grooved. When recording on aluminum the metal is "knurled" and not cut. It is therefore important that the aluminum be of the right temper. These are we believe the finest available. Highly polished surfaces. Both sides may be cut on all blanks except the 5" size.

Dia.	No.	Plain EACH	Pregrooved No. EACH
5"	K240	7c	---
6"	K200	15c	K204 16c
8"	K201	20c	K205 23c
10"	K202	29c	K206 39c
12"	K203	42c	K207 55c
16"	K199	75c	---

**PROFESSIONAL GRADE ACETATE DISCS.** Excellent quality discs at very reasonable prices. Mirror surface uniform coating (approx. .008"). May be cut at high amplitude. Heavyweight 6" and 8" are .037" thick. 10" and 12" are .046" thick and 16" are .054" thick. Lightweight are all .030" thick. Record both sides. All with sleeves and index labels.

Diam-	Heavy Weight	In Lots Of Each	Light Weight	In Lots Of Each
6"	K323	\$0.28	\$0.25	K545 15c
8"	K349	.38	.34	K546 22c
10"	K351	.55	.49	K547 30c
12"	K352	.68	.61	K553 48c
18"	K353	1.32	1.20	

Dealers, schools, recording and broadcast studios—write for special discounts on quantity purchases.

**ECONOMY HOME RECORDING DISCS.** These new coated Economy Discs greatly reduce the cost of your favorite hobby. Evenly coated on both sides of a specially tempered board base. Excellent response characteristics. In individual sleeves and with label.

K11969—6 1/2" diameter. Per Package of 6.....	49c
K11970—8" diameter. Per Package of 6.....	85c
K11971—10" diameter. Per Package of 6.....	\$1.20

Write for quantity prices

**HOME RECORDING DISCS.** Coated discs of excellent quality for home use. Non-inflammable—low noise level. Not to be cut with a sapphire. Each with individual sleeve and index label.

Stock No.	Diameter	Package of	PER PKG.
K11951	6 1/2"	6	75c
K11952	8"	3	66c
K11953	10"	3	75c
K11954	12"	3	\$1.25

All of above may be used on both sides.

# RECORDING NEEDLES



**K129**—RCA Steel Cutting Needle for recording on pre-grooved composition home recording discs. Per Package of 8.  
**YOUR COST** ..... 25c  
 10 Packages for ..... \$2.00

**K192**—Fine quality Sapphire Cutting Needle for Aluminum. Good for about 12 hrs. of cutting.  
**YOUR COST** ..... \$2.20

**K194**—Same as K192 but for pre-grooved composition or celluloid.  
**YOUR COST** ..... \$2.20

**K196**—Same as K192 but for recording on Acetate. **EACH**..... \$3.40

**K337**—Stellite Cutting Needle. Made of an extremely hard metal. Ground for quiet cutting. For recording on Acetate.  
**YOUR COST** ..... \$1.00

**K342**—Flat shank Steel Cutting Needle for Acetate. Excellent quality. Quiet and long lasting.  
 Per Package of 5..... 69c  
 Per Package of 10..... \$1.35

**K348**—Individually ground and lapped Steel Recording Needle for Acetate. Low scratch level.  
 Per Package of 5..... 59c

**K434**—Alloy Recording Needle for Acetate. Harder than steel needles. Last longer—polish as they cut.  
 Per Package of 5..... 95c  
**K434B**—Package of 10..... \$1.79

**K190**—Permo Recording Needle for Acetate, Nitrate, etc. Permo alloy stylus welded to a special dual shank. Carefully inspected.  
**YOUR COST EACH**..... 75c

**K191**—Genuine Capp's Sapphire Cutting Needle for recording on Acetate discs. Precision cut Sapphire for lowest surface noise and highest fidelity. Special polishing edge leaves a beautiful shiny groove. Each needle carefully inspected.  
**YOUR COST** ..... \$3.98

# PLAYBACK NEEDLES



**For Commercial Records**

**K430**—Hi-Fidelity Acoustic Needles for any type record. Improves bass on portables. Each one good for 10 sides.  
 Package of 12..... 10c

**K430B**—Same. Package of 30..... 20c

**K163**—Fidelitone. Has point of Ruthenium-Osmium metal which lasts infinitely longer than steel. Low scratch level. Gives 40 to 50 playing hours. Made by Permo.  
**YOUR COST EACH**..... 69c  
 Lots of 5 **EACH**..... 59c

**K164**—Same as above but with an elliptical point. Plays more than 2,000 records. Made by Permo.  
**YOUR COST EACH**..... 50c  
 Lots of 5 **EACH**..... 45c

**K146**—Record Changer Needles for use in automatic record changers. Unbreakable construction.  
 Package of 30..... 23c

**K159**—RCA Steel Phono Needle. Half Tone.  
 Package of 75..... 10c

**K153**—Same. Full Tone..... 10c

**K160**—Same. Extra Loud..... 10c

Any above RCA, 10 packs for 75c

**K357**—RCA Chromium Needles. Green shank. Pack. of 6..... 25c  
 10 packages for ..... \$1.80

**K157**—RCA Tungstone Needles. Extra Loud. Pack of 8..... 25c

**K158**—Same. Full Tone..... 25c  
 10 packages for ..... \$1.80

**K359**—Special Cactus Needles. Cause no wear. Eliminate objectional needle scratch.  
 Package of 10..... 24c  
 10 packages for ..... \$2.10

**K291**—Burma Thorn Needles. Selected imported thorn. Do not hiss, scratch or injure records. Red for regular players.  
 Package of 12..... 54c

**K292**—Same but green for record changers. Pkg. of 12..... 54c

10 packs of either type..... \$4.50

**K343**—Fibre Needles. For playing back aluminum records.  
 Package of 12..... 8c  
 100 for ..... \$4c

## For Acetate Records

**K429**—Rec-O-ton Sapphire. Highly polished needle point sapphire gives remarkable high frequency response. 6,000 perfect playings with practically no record wear. Especially designed for acetate, vitrolac and coated records.  
**YOUR COST EACH**..... \$3.60

**K319**—Shadow-Tested Steel Needles for playing back acetate records.  
 Package of 100..... 38c

**K345**—Melagraph Offset Needles. End bent to present a more acute angle to the record. Lesser record wear and slippage. Highly polished and accurately tested.  
 Package of 12..... 10c  
**K345B**—Same. Package of 100..... 60c

**K300**—Rec-O-ton Transcription Shadow Tested Needles. Steel needles individually tested to insure finest reproduction of acetate records.  
 Package of 75..... 49c

**K286**—Presto Transcription Metal Alloy Needle. High fidelity, long-life needle with semi-permanent self-lubricating point. 40 to 50 hours life on standard records.  
**YOUR COST EACH**..... \$1.00

## For Both Acetate and Commercial Records

**K209**—Superior Needles. Highly polished Swedish steel. Shadow tested. For both acetate and commercial records. Good for 10 playings.  
 Package of 12..... 10c

**K209B**—Same, Pack of 200..... \$1.23

**K432**—Actone Shadowgraph Needles. For standard records.  
 Package of 100..... 38c

**K433**—Same for Acetate records.  
 Package of 100..... 38c

**K195**—Offset Sapphire Needle. Fine quality shadowgraphed sapphire point. Plays about 2,500 standard recordings. Bent end for minimum wear and low scratch level.  
**YOUR COST EACH**..... 69c

**K193**—Garrard record changer needles. Play 10 records.  
 Pack of 10..... 9c  
 10 Packs for ..... 82c

# ACCESSORIES

## Sharpener

Sharpens all makes of fibre, cactus, thorn and other non-metallic needles. Resharpens the point as good as new. Very easy to use. Hand operated. Shpg. wt. 1 lb.



**K293**—  
**YOUR COST** ..... \$1.10  
 Replacement Garnet Discs for above sharpener. Easily attached.  
**K271**—**EACH**..... 10c  
 10 for ..... 75c

## Record Renewer

Triple action record renewer that cleans, lubricates and protects. Thin film of lubricant reduces friction. Hardens and preserves acetate records.



**K399**—2-oz. bottle.  
**YOUR COST** ..... 30c

**K394**—Same as above but for standard records such as Victor, Decca, Columbia, etc. 2-oz. bottle.  
**YOUR COST** ..... 39c

**K395**—1/2 oz. Trial Size..... 12c

# RECORDERS & COMPONENTS



## SPEAK-O-PHONE 16" Recorder

A complete 16" recorder ready to connect to your amplifier. Consists of a powerful motor, 16" turntable, magnetic cutting head and precision gear mechanism all mounted in an attractive gray aerodynamic cloth-covered carrying case. **Dual-Speed**—78 and 33-1/3 r.p.m. Vertical rim-drive heavy-duty constant speed 1/20 h.p. GE motor. 16" 10-lb. cast aluminum turntable is precision machined and counter-balanced. Bronze gears, stainless steel spindle, chromium and gray lacquer finish. Tangent arm feeds outside-in 112 lines to the inch. High fidelity 15-ohm magnetic cutting head. All main castings of aluminum. For 110 volt 60 cycles a.c. operation only. Dimensions: 20"x20"x13". Shpg. wt. 50 lbs.

**K22524—YOUR COST.....\$99.50**



## BRUNO 2-Speed Chassis

Complete professional-type 12" recording and play back chassis ready to mount into your own cabinet. **Dual-Speed**—78 and 33-1/3 r.p.m. Horizontal wide-range magnetic cutting head and Astatic crystal play back pickup. All adjustments can be made while machine is operating. Cuts 110 lines to the inch—outside-in. Automatic idler wheel drive practically eliminates "wows". Cast aluminum turntable. GE constant speed motor for 110 volts 60 cycles a.c. operation only. Complete chassis fits into a cabinet 5 1/2" deep, 16 1/2" wide and 16" long, with a cover 3 3/4" deep. Shpg. wt. 18 lbs. Chassis only.

**K22527—YOUR COST.....\$44.10**

### 2-Speed Playback Chassis

Same as above but less recording mechanism.  
**K22528—YOUR COST.....\$19.85**

## RECORDING HEADS



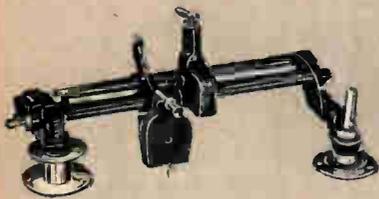
### ASTATIC Crystal Heads

Crystal Recording Heads that set a new standard of excellence for recording on coated blanks, wax and thermoplastics. Have a high order of internal stiffness, excellent response at high frequencies and freedom from distortion. Negligible frequency response change with varying recording materials. Housed in heavy die-cast cartridge assemblies, have covered terminals and 24" flexible leads. Shpg. wt. 2 lbs. Dimensions: 1 3/4"x3/4"x3/4". Finish Tel-Black.

**K13747**—Model X-26. Driving voltage 75 RMS. Useful upper limit 5,000 c.p.s.

**K13748**—Model X-29. Driving voltage 120 RMS. Useful upper limit 6,500 c.p.s.

**EITHER TYPE EACH.....\$6.76**



## REK-O-KUT Recording Mechanism

Now you can build your own high quality professional recorder with these precision components. The following Rek-O-Kut Recording Mechanisms are all designed for 100 line per inch outside-in recording. Incorporate a newly developed patented chip collector. Simple lever arrangement for lowering and raising cutting head without removing carriage feed from the feedscrew. Operator can make a spiral cut at start and end of recording. Wt. 8 lbs.

**12" Rek-O-Kut**  
**K22509**—With 8-ohm magnetic cutter.....\$29.50  
**K22510**—With 500-ohm magnetic cutter.....\$29.50  
**K22529**—With Astatic crystal cutter.....\$33.75  
**K22530**—With Brush RC20 crystal cutter.....\$41.50

**16" Rek-O-Kut**  
**K22515**—With 8-ohm magnetic cutter.....\$36.00  
**K22531**—With 500-ohm magnetic cutter.....\$36.00  
**K22532**—With Brush RC20 crystal cutter.....\$48.00



## REK-O-KUT Motor-Turntables

Complete assemblies consisting of a powerful constant-speed 1/20th h.p. motor, 16" aluminum turntable and a cast-iron framework. It can be mounted on a recording bench or in a case within a few minutes by any person without mechanical ability. The accurately machined cast-iron framework supports the motor and turntable together with their attendant compound and single idler pulleys in perfect alignment. Space on the framework is provided for one of the standard Rek-O-Kut assemblies as listed at left. Precisely machined turntable weighs 8 lbs. The framework weighs 12 lbs. Real heavy units for professional results. A simple lever provides dual-speed, 78 and 33-1/3 r.p.m. operation. Overall dim.: 15"x13"x8". For 110-120 V, 60 cycles a.c. Shpg. wt. 40 lbs. 16" Rek-O-Kut Motor-Table.

**K22533—YOUR COST.....\$92.50**

### Single Speed 12" Motor-Turntable

As above for 12" records. Cast iron turntable. 78 r.p.m.  
**K22534—YOUR COST.....\$27.50**



## BRUSH RC-20 Crystal Cutter

Finest type of crystal recording head made. Frequency response flat within ±3 db. from 50 to 9,000 c.p.s. High operating efficiency makes possible excellent results with low power (approx. 3 watts). Dimensions: 3"x29/32"x7/16". Wt. 1 lb. Model RC-20.

**K13769—YOUR COST.....\$11.76**



## WEBSTER-ELECTRIC Magnetic Cutters

High quality magnetic cutting heads. Two types—8 ohms impedance, and high impedance which permits connection to a single output tube merely by connecting it across the primary of the output transformer with a 1/2 mfd. condenser in series. Connection to push-pull stages from plate to plate with a 10M ohm resistor in series. Frequency range 30 to 6,000 c.p.s. Dimensions: 2 1/4"x1 1/4"x3/4". Shpg. wt. 2 lbs.

**K13770**—Model R83. 8 ohms.  
**K13771**—Model HR83. Hi-imp.

**EITHER TYPE YOUR COST, EACH \$7.35**

Note: We can supply any Audax Cutter made. Please write for prices.



## Home Recording Unit

A very reasonably priced recording and play-back unit ready to install into your own phono-radio cabinet or portable cabinet. Will cut coated-type (acetate, nitrate, etc.) records up to 10" in diameter. Plays records up to 12" in diameter. Consists of 10" turntable, cutting head, and crystal pickup on a base plate 15 wide and 10" from front to back. 110 V. 60 cycles a.c. With instructions for installation & operation. Wt. 15 lbs.

**K22535—YOUR COST.....\$18.95**



## BATEMAN Recording Mechanism

A beautifully designed recording mechanism for making records up to 12" in diameter. May be used with any recording motor. Plug-in arrangement permits removal from board instantly. Fully enclosed gears. Cuts outside-in at 110 lines per inch. Astatic crystal cutting head. End circles easily cut. Shpg. wt. 6 lbs. With Astatic head as fully described at top of right hand column on this page.

**K22536—YOUR COST.....\$23.23**



## Heavy Duty Recording Motor

General Industries new direct drive governor-controlled induction-type heavy duty recording motor. Absolutely free from "wows". Heavily weighted 12" turntable. Retractable record drive pin. Screw type speed regulator, 78 r.p.m. for 110 V. 60 cycles a.c. Mounting plate and all hardware supplied. Size: 7 1/4" x 3 3/4" x 3 3/4" deep. Will not overheat when mounted in cabinet. Shpg. wt. 15 lbs. List \$27.00.

**K397—YOUR COST.....\$16.50**



## Crystal Cutter Transformer

Matches any crystal cutter to a 6-8 ohm or a 500 ohm line. Response 50 to 9,000 cycles. Secondary 3000 ohms. 3" high, 2 1/2" diam. Wt. 3 lbs.

**K2002—YOUR COST \$4.50**

## 3" Monitor Meter

Range -10 to +7 db. and +7 to +25 db. Two additional scales read "normal" and "overcut". 8 ohm or 500 ohm input. For hi-imp. use above transformer. Shpg. wt. 2 lbs.

**K10925—Your Cost. \$7.95**

# ★ DE LUXE RECORDERS ★



## Lafayette 12" Recorder With Automatic 'Changer

One of the most versatile portable recorder and play-back assemblies on the market—and at an exceptionally low price! Outfit comprises a complete recorder; P. A. System with mike; high quality play-back unit with Automatic Record Changer. Features:  
**Amplifier:** high gain 3-stage unit with response curve especially designed for best recording quality. Easily accessible controls on panel. More than ample power output for usual applications.  
**Drive Mechanism:** gear driven, with concealed feed screw. Fool proof—no adjustments required. Discs up to 12" in diameter can be cut.  
**Motor:** heavy duty type for 110 volts 60 cycles a.c. With turntable. Constant speed, 78 r.p.m.  
**Automatic Record Changer:** plays 14—10" records or 10—12" records without interruption. Can be used manually for single records (play commercial records only on automatic changer—recording manually).  
**Cutting Head:** low impedance, high quality magnetic unit. Has depth of cut adjustment.  
**Crystal Play-Back Pick-Up:** wide range type with offset arm. Plays 10" or 12" records—operates with the automatic record changer.  
**Level Indicator:** "eye" tube for monitoring volume level. Located on top panel.  
**6" PM Speaker** mounted in front of cabinet. Provides fine tone quality.  
**Crystal Mike:** mounted on desk stand and furnished with connecting cable. Entire assembly in plywood case 22x18x11", neat Colonial Spanish fabric covering. Shpg. wt. 50 lbs.  
**K22539—CASH PRICE, Complete \$63.95**

## SPEAK-O-PHONE Dual Speed Complete Portable Recorder

**Model 152-A.** A compact, efficient recording, play-back and public address assembly complete in every detail—nothing else to buy! Comprises amplifier, speaker, mike and floor stand, motor and turntable, cutting head, play-back pick-up and illuminated recording level meter. Features:  
**The Amplifier** has 3 stages that deliver 4-watts power output with less than 1% distortion. Built-in 5½" speaker matched to output; gain control on sloping front panel. Jack for extension speaker (P.M. type) is also provided.  
**Level Meter,** illuminated dial type, on motor panel. Monitors the volume level.  
**Drive Mechanism** is a tangent arm positive assembly, mounted under the panel. Drive actuated by a fine General Electric constant speed heavy duty motor that is provided with a 7½-pound cast turtable, accurately machined and balanced; felt mat supplied. Turntable speed can be instantly adjusted for either 78 or 33½ r.p.m. by simply shifting the idler pulley lever.  
**Cutting Head** is a true fidelity magnetic unit with adjustable needle angle. Cuts discs up to 12".  
**Crystal Play-Back Pick-Up,** lightweight type, provides excellent tonal reproduction. Plays 10" and 12" records.  
**Crystal Mike,** streamlined, with chrome plated floor stand and connecting cable.  
**Entire assembly** in portable case 16x10x20", with grey canvas covering. For 110 volts, 60 cycles a.c. only. Shpg. wt. 55 lbs.  
**K22565—Complete. \$119.66**  
**CASH PRICE**  
 Terms: \$11.97 down, \$14.81 per month for 8 mos.

## BATEMAN "Professional" 12" Recorder with Amplifier

Complete portable outfit featuring:  
**Lathe Type Cutting Mechanism** with overhead drive. Gears enclosed; cuts outside-in, 110 lines to the inch, at 78 r.p.m. Cuts spiral groove for record ending. Cuts discs up to 12" diameter.  
**Wide Range Crystal Cutting Head** has remarkable power sensitivity. Needle is ALWAYS tangent to ALL record grooves.  
**ASTATIC EP-18 Crystal Play-Back Pickup,** latest type, featuring 1-OUNCE PRESSURE and a Permanent Sapphire Needle that will last indefinitely. High fidelity reproduction. Plays 10" or 12" records.  
**Heavy Duty Synchronous Motor,** condenser start, for 110 volts 60 cycles a.c. With accurately machined CAST turntable. Direct turntable drive. METER to indicate recording level.  
**6-Tube, 12-Watt Amplifier** primarily designed for quality recording. Has 2-channel electronic mixer for mike and radio or pick-up. Sufficient gain for ANY type mike. Employs 10" PM Speaker mounted in cover, with 25-ft. cable.  
**ASTATIC Crystal Mike,** wide range type, with desk stand supplied; cable attached.  
**All controls** on cast panel. Portable case 16x19x11", covered with striped airplane cloth. Shpg. wt. 30 lbs.  
**K22537—Complete Portable Recorder** with amplifier, tubes, speaker, mike, etc. **\$132.01**  
**CASH PRICE**  
 Terms: \$13.20 down, \$16.34 per month for 8 mos.  
 As above, less amplifier, speaker and mike. In leatherette case 16x16x11", 32 lbs. **\$82.03**  
**K22538—CASH PRICE**  
 Terms: \$8.20 down, \$10.15 per month for 8 mos.



## MEISSNER Portable Recorder with Amplifier

A good quality complete recorder-playback assembly, including a high gain power amplifier, offered at a really attractive price. It is complete as sold—ready for immediate operation. Features are:  
**4-Tube Amplifier:** high gain type, delivering 4½ wats of undistorted power. Has microphone channel, plus additional channel for radio or external pick-up connections. With this added channel you can make recordings of air programs from your radio receiver, or from records played on an external record player. All controls on top panel.  
**Level Indicator:** for visual monitoring of recording volume. Makes good recording easy.  
**Drive Mechanism:** concealed gear feed type. Fool-proof—no adjustments of any kind required.  
**Motor:** fine quality constant speed type (78 r.p.m.) for operation on 110 volts, 60 cycles a.c. Provided with weighted and balanced turntable. Records on acetate discs up to 10" in diameter.  
**Combined Cutting Head and Play-Back Pick-Up:** unique magnetic head, of fine quality, acts as both recorder and play-back unit. Needle angle and pressure are factory set. No depth of cut adjustments required. Special counterbalanced arm.  
**Crystal Microphone:** high quality hand mike with 12-ft. attached cable and connector. Provides fine frequency response.  
**6" PM Speaker:** baffled in the front of the portable case. Good quality of reproduction.  
**DeLuxe Case:** sturdy case covered with simulated rawhide leather. 13½x10½x18½". Shpg. wt. 24 lbs.  
**K22540—Your Cost, Complete. \$31.50**

## SPECIAL VALUE! Complete Portable Recorder

**The BIG VALUE** in home entertainment! This complete portable recorder is three instruments in one: a recorder mechanism; a public address system; a high quality record player. It's offered at a price far below what you'd expect to pay for so versatile an instrument! Features include:  
**4-Tube Amplifier:** high gain type with undistorted power output of 4½ wats. Incorporates gain and fully variable tone controls. All controls easily accessible on top of motor panel.  
**Cutting Head:** high quality magnetic type with factory adjusted needle angle and pressure. Cuts records up to 10" diameter.  
**Play-Back Pick-Up:** wide range crystal type with tangent arm. Plays 10" or 12" records.  
**Drive Mechanism:** positive feed, concealed type. Fool-proof—no adjustments to make.  
**Heavy Duty Motor:** constant speed type, for 110 volts 60 cycles a.c. only. With weighted turntable that is free from "wows". Records discs up to 10" in diameter. Constant speed, 78 r.p.m.  
**PM Speaker:** 6½" diameter. Fine tonal quality provided over the entire audible range.  
**Crystal Microphone:** mounted on desk stand and furnished with 12-ft. cable.  
**Entire assembly** is housed in lizard leatherette covered portable case 9x16x18". Shpg. wt. 30 lbs.  
**K21869—Complete Assembly,** with tubes, ready to operate, PLUS six 6½" recording blanks and one recording needle.  
**YOUR COST, \$39.95**  
**SPECIAL**

## LAFAYETTE Portable Recorder with Amplifier

Complete portable unit comprising recording and play-back mechanism, public address amplifier and speaker and microphone. At unusually low price.  
**Motor:** gear driven, constant speed (78 r.p.m.). Has 10" accurately balanced turntable. Positive feed mechanism concealed under panel—fool proof. Operates on 110 volts, 60 cycles a.c. only.  
**Cutting Head:** high fidelity magnetic type with factory set needle angle and pressure. Records on discs up to 12" in diameter.  
**Play-Back Pick-Up:** offset head crystal type, wide range. Plays 10" or 12" records.  
**Amplifier:** 3-stage high gain type providing 6-watts. Has master gain and tone controls.  
**Level Indicator:** "eye" tube type for visual monitoring of the volume level. Easy to use.  
**Speaker:** 8" PM type mounted in detachable cover and provided with 25-ft. cable.  
**Mike:** Shure Crystal type mounted on desk stand; can be used as a hand mike. With 12-ft. cable.  
**Portable Case:** Covered with brown leatherette. 9½x18x16". Shpg. wt. 40 lbs.  
**K21876—CASH PRICE, Complete \$49.50**  
 Terms: \$4.95 down, \$6.12 per month for 8 months.  
**Recorder-Playback Unit Only**  
 As above, but less amplifier, microphone and speaker. Can be connected directly to the output of any radio receiver or amplifier. Has built-in volume control. A fine unit at an amazingly low price. Case 7½x16x14½". Shpg. wt. 26 lbs.  
**K21877—Your Cost \$27.50**

ONE OUNCE PRESSURE  
PERMANENT SAPPHIRE NEEDLE

## New! ASTATIC LOW PRESSURE CRYSTAL PICKUPS WITH PERMANENT SAPPHIRE "5000 PLAY" NEEDLES

Tomorrow's phonograph reproduction today! A great stride forward toward perfecting phono reproduction quality, these pickups feature: **LOW STYLUS PRESSURE**, insuring long record life. Pressure is only 1-OUNCE; records show practically no wear under this pressure, surface noise is lower and distortion is practically eliminated. **PERMANENT JEWEL STYLUS** of fine sapphire provides excellent frequency characteristics and lasts a lifetime. Tests show that after 5000 plays (260 hours continuously) of a standard record, there is no discernible needle wear. **OFFSET ARM** insures true tracking; needle will not jump grooves.

**GUARDED STYLUS** in special spring mounting cannot be accidentally damaged. Even if the pick-up is dropped from full height directly onto the record, neither record nor needle will be harmed in any way. Overall finish in stately brown. Length 9". Plays 10" and 12" records. Shpg. wt. 2 lbs.

**K223**—Standard Model FP-18. Range 30 to 7000 c.p.s. For use with standard commercial records.

**K230**—High Fidelity Model FP-38. Range 30 to 10,000 c.p.s. For high fidelity applications. List \$16.50.

Your Cost. **\$9.70**  
Either Model.

### Carrying Cases (E)

The ideal means for carrying your valuable recordings from place to place. Made of strong wood, covered with attractive black Fabrikoid. Has top carrying handle. Furnished with lock and key. Cases designed to hold 50 records are lined with felt. Four popular sizes are available. Shpg. wt. each 4 lbs.

12" Size. Holds 25 records.

**K22344**—**\$1.45**  
Each.

10" Size. Holds 50 records.

**K22345**—**\$2.29**  
Each.

12" Size. Holds 50 records.

**K22346**—**\$2.65**  
Each.

### Special Album (F)

Maroon colored album with stiff cardboard leatherette covered binder. Offered at unusually low prices. Shpg. wt. 2 lbs.

For 10" Records

12-10" Pockets.

**K21890**—**\$1.51**  
Your Cost Each

For 12" Records

12-12" Pockets.

**K21891**—**\$2.69**  
Your Cost Each

### Loose Leaf Albums (H)

Flat opening type with three metal rings for loose leaf type pockets. Gold Gothic design on all-steel back. Heavy Fabrikoid covering. All have 15 pockets. Shpg. wt. 3 lbs. each.

**K21888**—10" Size

Your Cost Each **\$98c**

**K21889**—12" Size

Your Cost Each **\$1.10**



### WALNUT RECORD RACK (D)

Heavy walnut finished base. Latex dipped wire frame cannot mar the records. Holds 50 records and comes complete with numbered stickers for records and index card. Shpg. wt. 6 lbs.

**K21896**—Your Cost **\$1.95**

**ECONOMY MODEL**: Same as above, but has pressed steel base that is unbreakable. Shpg. wt. 3 lbs.

**K21897**—Your Cost **\$1.45**



### DeLuxe Album (G)

Beautifully bound in fine dark Fabrikoid. Opens flat. Has gold engraved trim. Protects your valuable records. Shpg. wt. each 2 lbs.

**K21892**—With 12-10" Pockets

Each **\$77c**

With 12-12" Pockets

**K21893**—Your Cost Each **\$99c**



### Stroboscope Disc

Accurately made. Designed for use with both 33 1/2 and 78 R.P.M. recordings at 25, 50 and 60 cycles a.c. 6" diameter. Insures proper turntable speed. For use under an electric bulb lighted from 25, 50 or 60 cycles.

**K197**—**\$1.2c**  
Each.

### Needle Cups

Antique bronze finished cups. Both types are 1 1/4" in diameter.

**K130**—Open

Your Cost **\$5c**

**K131**—Closed

Your Cost **\$8c**

**RCA Rubber Pick-Up Dampers**

No. 2620. For magnetic pick-ups.

**K253**—**\$7c**  
Per Set.

### Lubricant and Grease

For all types of motors and turntables.

**Lubricant**

No. 05. Each

**K15194** 2 **\$21c**

**K15195** 6 **\$44c**

**Grease**

**K15200** 2 **\$24c**

**K15201** 4 **\$44c**

### ASTATIC Tone Equalizer

For crystal pickups. Fully adjustable. Connects between pick-up and amplifier. Rotary switch permits: "Bass", "Medi-um", "Hi-Fidelity", and "Out-let". With knob and dial plate. Wt. 1 lb.

**K225**—**\$1.91**  
Each



## GREEN FLYER Phono Motors

Incorporate silent laminated spiral cut bakelite gears, completely enclosed and run in oil. Overlazed, self-lubricating bearings; will not overheat in closed cabinet. Supplied with speed dial, speed indicator and all necessary mounting hardware.

**Standard Motors (Type A)**  
For 110 Volts, 60 Cycles A.C.  
**K102**—Single speed (78 r.p.m.) with 10" turntable. **\$7.92**  
Your Cost.

**K103**—With 12" turntable

Your Cost **\$8.22**

**K100**—Two-speed (78 and 33 1/2 r.p.m.). With 10" turntable.

Your Cost **\$10.56**

**K188**—As above, but with 12" turntable.

Your Cost **\$10.86**

**K120**—Heavy duty 2-speed motor, like K100 above, but with heavier field and longer rotor (1/2" longer).

With 12" turntable. Model H.

Your Cost **\$11.79**

**Universal A.C.-D.C. 110 Volt Standard Motors (Type A)**

**K126**—For 78 r.p.m. records. With 12" turntable and changeover switch.

Your Cost **\$12.27**

**K125**—As above, but 2-speed (78 and 33 1/2 r.p.m.).

Your Cost **\$13.98**

Shpg. wt. all above motors, 15 lbs.

**AUTOMATIC STOP**

For any Green Flyer motor with 8", 9" or 10" turntable (will not operate with 12" turntable).

**K135**—Each **\$6.0c**

**Constant Speed Motor (Type B)**

For 110 Volts A.C.

**MODEL CX**. Gear drive, constant speed 78 r.p.m. phono motor for 10" and 12" records. Self-starting, induction type; has fully enclosed helical cut gears in oil. Fan cooled. Size: 4 1/2 x 4 1/2 x 3 1/2" deep, with mounting plate. With 10" turntable. All hardware supplied. For 110 volts, 60 cycles a.c. Shpg. wt. 12 lbs.

**K128**—Your Cost **\$5.43**

**Light Duty Model KX**

Same as above, but for light duty such as in phono record players, portables, etc. With 10" turntable and mounting hardware. Shpg. wt. 10 lbs.

**K107**—Your Cost **\$4.56**

**TRANSCRIPTION MOTOR (C)**

Designed for 16" transcription records, commercial recordings, etc. Lightweight alloy 16" balanced turntable. Self-lubricating bearings; gears run in oil. For 78 and 33 1/2 r.p.m. recordings. Operates on 110 volts, 60 cycles a.c. Shpg. wt. 18 lbs.

**K22010**—Your Cost **\$24.95**

**Turtables Only**

Fit all models except CX, KX and Transcription Motors.

**K148**—10", Each **\$75c**

**K149**—12", Each **\$1.05**



## GARRARD Precision-Built Motors

### GARRARD A6-C Speed Regulated Motor

A precision built, fully enclosed motor, same as used in the Garrard "Changers" listed on page 84. Includes automatic stop switch and speed regulator. All parts mounted on a 12" polished bronze plate, ready for placing into a cabinet as supplied. Complete with 12" felt covered turntable. For 100/130 and 200/250 volts, 50/60 cycles a.c. Shpg. wt. 10 lbs.

**K20993**—**\$10.88**  
Your Cost.

**MODEL U5-C**: As above, but for a.c. or d.c. (25/60 cycles).

**K20994**—Your Cost **\$16.76**

### GARRARD 2-Speed Transcription Motor

Officially used by the British Broadcasting Co. Finest unit of its kind. Extra heavy, slow running motor insures smooth, silent operation. Induction type, fitted with patented governor. Motor is 5-point rubber mounted on 12" polished brass plate, ready for installation. Two-speed, 33 1/2 and 78 r.p.m. Speed regulator on panel. With 12" turntable. Operates on 100/130 and 200/250 volts, 40/60 cycles a.c. Insulated terminal block. Shpg. wt. 18 lbs.

**K20984**—**\$23.52**  
Your Cost



### RCA Synchronous Phono Motor

Used on many RCA-Victor combinations and record players. Has shock-proof mounting and is free from wow. Trouble free in operation. Turntable has flocked finish and is 7" in diameter. Soft rubber spindle cap prevents vibration pick-up. Plays any record up to 12" in diameter. Consumes only 10 watts. For 110 volts 60 cycles a.c. Hand starting type: constant speed 78 R.P.M. Shpg. wt. 4 lbs.

**K21055**—**\$3.50**  
Your Cost

### High Quality A.C. Phono Motor

Self-starting motor that maintains constant speed at all times (78 r.p.m.). Has large bearings, laminated bakelite helical cut gears, completely enclosed and protected. Forced ventilation for cool operation. Universal mounting plate maintains correct turntable height. Supplied with 9" felt covered turntable. Size: 4 1/2 x 3 1/2 x 3 1/2" deep. For 110 volts, 60 cycles a.c. only. Shpg. wt. 5 lbs.

**K145**—**\$3.95**  
Your Cost

### Rim Drive Motor With 9" Table

- Constant Speed
- Self-Starting
- New Low Price

A powerful constant speed (78 r.p.m.) phono motor that has a brown flocked covering. Only a limited quantity are available at the exceptionally low price quoted below—get your order in NOW. Operates on 110 volts, 60 cycles a.c. only. Shpg. wt. 4 lbs.

**K176**—**\$1.89**  
Your Cost  
Ea. Special



## ASTATIC PICK-UPS

**TRU-TAN:** Has offset head that follows entire playing surface of record true to tangent of circle at all points. Assures minimum needle scratch as well as faithful reproduction; prolongs record life. Head turns to permit top loading of needles. Telephone black finish with chrome trim. High impedance. Model B-10.  
**K172-10"** Arm for 10" and 12" records. Wt. 4 lbs.  
**YOUR COST.....\$10.29**  
**K173-12"** Arm for records up to 16". Wt. 4 lbs.  
**YOUR COST.....\$13.23**  
**K143-Replacement Crystal.** \$3.53

**Model S-8:** A lightweight straight arm type with ball bearing arm. Excellent response.  
**K161-S-8.** For 10" and 12" records. 8" arm.  
**YOUR COST.....\$5.88**  
**Replacement Crystal.**  
**K140-For use with K161.**  
**YOUR COST.....\$2.94**  
**Model AB-8 - Offset head, crystal.** Excellent response. Spring-Axial Cushioning. Die-cast arm. Attractive brown finish. Cartridge internally damped. With 4-ft. cable. Shpg. wt. 3 lbs.  
**K119-YOUR COST.....\$5.88**  
**K1340B-Xtal for AB-8.....\$2.75**

**Model O-7:** Crystal pick-up employs offset head to provide maximum fidelity and minimum tracking error. Axial cushioning reduces motor noise and feedback. Response essentially flat over the entire audible range. Streamlined design; lightly damped stylus; needle pressure only 2 3/4 ounces; easy needle loading, 9" overall. Black and chrome finish. Shpg. wt. 3 lbs.  
**K214- YOUR COST.....\$3.82**  
**Replacement crystal cartridge for the above model O-7.**  
**K233- YOUR COST.....\$2.94**

**Model D-9:** Special low-priced crystal pick-up featuring: offset head, streamlined design, 2 3/4 oz. needle pressure. 9" overall, 7" mtg. centers. Statuary bronze finish. Shpg. wt. 3 lbs.  
**K232- YOUR COST EACH.....\$2.91**  
**Scratch Filter:** Thoroughly sealed and tuned to resonate to the point of greatest scratch intensity. Tone quality is remarkably clarified. Especially suitable for use with crystal pick-ups. Size: 1x1 1/4x2".  
**K13362-Shipping wt. 1 lb.**  
**YOUR COST EACH.....88c**

## WEBSTER



*Lafayette*

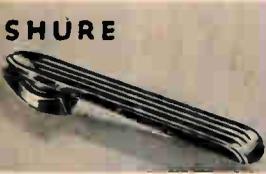
**WEBSTER CRYSTAL:** Embodies superlative design and excellent performance. Balanced to track at less than two ounces. Frequency range 40 to 8500 cycles. For 10" and 12" records. All smooth brown finish. Shpg. wt. 3 lbs.  
**Series "82"**-Pick-up complete with natural sapphire needle, good for thousands of plays. Hi-Impedance.  
**K523- YOUR COST.....\$3.97**  
**K529-Xtal pick-up as above but less sapphire needle.**  
**YOUR COST.....\$3.23**  
**"Series 80"** Freq. response 50 to 7000 cycles. 2.5 oz. needle pressure. Less needle.  
**K530-YOUR COST.....\$2.91**

**GARRARD CRYSTAL:** Incorporates every modern improvement to insure faithful reproduction. Features: easy-to-load swivel head; true-tangent arm and ball bearing pivot on which the arm rests; balanced lightweight arm to minimize record wear and needle scratch. Entire unit finished in bronze. Furnished complete with mounting rest, base supports and shielded cable. High impedance. Shipping wt. 4 lbs.  
**K13382-EACH.....\$5.88**  
**GARRARD MAGNETIC:** High fidelity model with high impedance magnetic head. Swivel head for top needle loading. Shpg. wt. 4 lbs.  
**K13404- YOUR COST.....\$7.06**

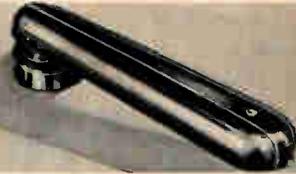
**AUDAX MICRODYNE:** Fine quality pick-ups with offset heads, new needle guide, compensated output, non-resonant arms.  
**Model D-27E:** For records up to 12". Range to over 6600 c.p.s. Brown and gold finish. 12 1/8" long. High impedance.  
**K13403-EACH.....\$10.88**  
**Model D-28E:** For records up to 16". Response to 6600 c.p.s. 14 1/2" long. Brown and gold. High imp.  
**K13495- YOUR COST.....\$17.35**  
**Model D-37E:** For records up to 16". Response to over 7500 c.p.s. 14 1/2" long. Black and chrome. 500 ohms imp.  
**K13438-EACH.....\$29.11**  
 Other models on order.

**LAFAYETTE:** A well designed crystal pick-up offered at an unusually low price. Has offset head for maximum fidelity; minimizes tracking error and record wear. Incorporates grafoil Bimorph crystal element designed to provide efficient performance under all ordinary conditions of use. Frequency range covers the audible spectrum with good fidelity. Needle pressure only 2 3/4 oz.; output 2.95 volts at 1000 c.p.s. (across 1/2 megohm load). Arm is 8 1/2" long overall and is attractively finished in brown crystalline lacquer. With arm rest. Shpg. wt. 2 lbs.  
**K255- YOUR COST, SPECIAL.....\$2.45**

## SHURE



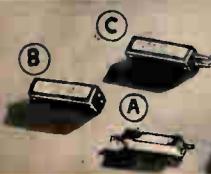
## WEBSTER PICK-UPS



**SHURE "ZEPHYR" CRYSTAL:** Improved "Needle-Tilt, Balanced Tracking". Low needle pressure 2 3/4 oz. Freq. response 50-7000 c.p.s. For 10" and 12" records. Flat mounting.  
**K137-Black Bakelite } \$4.41 EA.**  
**K138-Walnut Bakelite }**  
**SPECIAL MODEL:** As above, less streamlined base. Single hole mtg. Black.  
**K136-YOUR COST.....\$3.82**

**"MELLOTONE" CRYSTAL:** Unique crystal pick-up with offset solid wood, walnut tone arm. Rubber sealed high impedance cartridge has fine frequency range. Full lift hinge for easy needle loading. With 30" leads. For 10" and 12" records. Shpg. wt. 3 lbs.  
**K538- YOUR COST EACH.....\$3.47**  
**K540-Replacement Crystal only.....\$2.85**

**HI-FIDELITY MAGNETICS:** Embody all desirable qualities; critically damped armature; vibration-free bearings; vertical and lateral stops. For 10" and 12" records. Minimum needle scratch. 18,000 ohms impedance at 1000 cycles. Shpg. wt. 2 lbs.  
**K526-Model 405A. YOUR COST.....\$4.70**  
 Has beautifully finished lightweight arm assembly.



**REPLACEMENT CRYSTALS**  
**K13393-Metal type for Shure 99, 94, 910, etc. (A).**  
**YOUR COST.....\$2.35**  
**K13406 - Bakelite type, universal.** With screw terminals. (B)  
**K13407-As above, with lugs. (B)**  
**K13408 - Bakelite type, universal.** Standard plug-in terminals. (C)  
**YOUR COST EACH.....\$2.75**  
**ANY TYPE.....\$2.75**

**RCA MAGNETIC HEADS ONLY:**  

No.	Part No.	Impedance
K180	9661	8.5 ohms
K181	9665	30 ohms
K182	9669	700 ohms
K184	9670	2800 ohms
K177*	9676	400 ohms
K185	9749	8500 ohms

 \*Original for RE45 75, R32. Black finish.  
**ARM ONLY:** No. 9678. Fits all above.  
**K187-Shpg. wt. 4 lbs. YOUR COST.....\$4.41**

**Walnut finish.**  
**YOUR COST EACH.....\$3.82**  
**\$4.41**

**RCA BAKELITE ARM JUNIOR CRYSTAL:** Modern design in gleaming brown bakelite. Sealed crystal. For 10" or 12" records. Needle pressure only 2.7 oz. Shpg. wt. 2 lbs.  
**K279-No. 9868. YOUR COST.....\$3.20**  
**K280-Replacement Crystal only.....\$2.20**  
**RCA JUNIOR CRYSTAL PICK-UP:** Brawn wrinkle lacquer finished arm. Shock-proof mount. Shpg. wt. 2 lbs. Part No. 9891.  
**K212-YOUR COST.....\$2.91**  
**K277-Replacement Crystal only.....\$2.20**

# AUTOMATIC ★ RECORD ★ CHANGERS



## GARRARD RC-10 Automatic Record Changer

This world-famous precision record changer will provide efficient, long-lasting service, requires a minimum of attention. Plays eight 10" or eight 12" records automatically in sequence. This deluxe changer features: **AUTOMATIC STOP** cuts off current and stops mechanism automatically after last record is played; **TANGENT-ARM CRYSTAL PICK-UP** for true tracking, long record life, true fidelity; **AUTOMATIC REJECTION KNOB** permits instant rejection of any record; **NON-SLIP SPINDLE** prevents record slippage and assures centering of record; **SPRING MOUNT "FLOATING" motor assembly**; **HIGH-TORQUE MOTOR**, self-lubricating bearings, requires only occasional oiling. Size: 15" long, 11 1/4" wide, 4 1/2" above and below panel (5" on ac-dc model).

**K20989**—For 100/130 volts, 60 cycles a.c. Shpg. wt. 19 lbs.

**YOUR COST** ..... **\$32.34**  
**RC-11**—For 110/130, 200/250 volts DC and AC (25/60 cycles). **K20990**—**YOUR COST** ..... **\$38.22**

Treat yourself to the genuine enjoyment of **LUXURY LISTENING** with one of the fine Automatic Record Changers listed on this page. Place a stack of your favorite recordings on the changer and sit back and enjoy 30 to 40 minutes of uninterrupted music of your choice, beautifully reproduced — or dance without the bother of changing records and needles—then you'll **KNOW** you're deriving the pleasure you deserve from your records. Easy to install.

## GARRARD RC-30 Automatic Mixer-Changer

World-famed Garrard scoops the world again with this new De Luxe Automatic Mixer Changer Unit. It features a high-fidelity crystal pick-up with only **ONE OUNCE NEEDLE PRESSURE** and a **PERMANENT SAPPHIRE STYLUS!** Frequency response 30 to 8500 c.p.s. for amazing fidelity. Record life increased many fold; eliminates needle changing. Also features Garrard's new **JEWEL-MOVEMENT TRUE-TANGENT TONE ARM**; completely disengages from player mechanism while record is playing. Plays up to eight 10" and 12" records in any assortment; no adjustments of any kind necessary. Just load the records on the spindle; changer does everything else. Has non-slip spindle, automatic stop and speed-regulated motor. Size: 12" long, 11 1/4" wide, 5" above and below panel.

For 110/130 volts 60 cycles a.c. Shpg. wt. 20 lbs.

**K22365**—**YOUR COST** ..... **\$44.10**  
**RC-31**—For 110/130, 200/250 volts DC and AC (25/60 cycles). **K22366**—**YOUR COST** ..... **\$49.98**



## RCA "Gentle-Action" Automatic Record Changer

This all-new "Gentle-Action" RCA Changer treats your records with the same consideration you would use personally. Foolproof mechanism plays seven 12" or eight 10" records automatically and repeats last record. Reject lever for passing any record and automatically feeding the next one. New tangent-arm crystal pick-up for fine quality reproduction and increased record life. Attractively finished in brown wrinkle. Powerful speed-regulated motor. Changer mechanism heavily plated. Size: 14 1/2" length, 11 1/2" width, 5" above panel, 1 1/2" below panel. For operation on 110-120 volts, 60 cycles a.c. Shpg. wt. 16 lbs.

**K21063**—**YOUR COST** ..... **\$20.39**

## "Super-Value" Automatic Record Changer

A "Super-Value" in fact as well as name. Plays 12 10" records, 10 12" records. One button control for all operations. Counterbalanced tangent arm crystal pick-up. Selector blades have gentle action—will not harm records. Powerful motor; precision machining throughout. 14" long, 14" wide, 3" deep. Brown wrinkle finish. Shpg. wt. 26 lbs.

**K22369**—For operation on 110 volts, 60 cycles A.C. **YOUR COST** ..... **\$16.95**

"Super-Value" Record Changer and Recorder. Has same record changing equipment as above, **PLUS CRYSTAL CUTTING HEAD** for home recording. Latest, improved type for use on all acetate blanks. Foolproof in operation. Shpg. wt. 32 lbs. **K22374**—**YOUR COST** ..... **\$29.95**



## GARRARD Model K Phono Assembly—1 Oz. Pick-up—Sapphire Needle

This assembly uses the new Low-Pressure (1 oz.) high-fidelity crystal pick-up with permanent jewel stylus. Good for years of playing; records last indefinitely. Frequency response 30-8500 c.p.s. Pick-up housed in new free-swinging, jewel-movement tangent arm. Silent, sturdy, speed regulated motor. Automatic stop operates at end of record. To start, just lift pick-up arm—slight pressure to right and motor starts instantly. Definitely the finest Garrard unit of its type—and Garrard has always been recognized as the world's finest. Furnished complete with special full-floating spring mounting, hardware, instructions, template. 15" wide, 11 3/4" deep.

**K22361**—110/130 v., 60 cyc., a.c. Shpg. wt. 19 lbs. **YOUR COST** ..... **\$19.11**

**K22362**—AC-DC model, 100/130, 200/250 volts, 25/60 cycles. Shpg. wt. 20 lbs. **YOUR COST** ..... **\$24.99**



## Record Changer Cabinet with Album Compartment

This handsome burl walnut cabinet constructed for use with any type changer or phono assembly. Sturdy hinged top makes phono unit readily accessible. Changer compartment supplied with blank removable motor board (see note below). Clearance above board 5 1/2" below 5 1/4". Overall size: 21" wide, 16 3/4" deep 31" high. Motor board 17 1/4 x 4 3/4". Shpg. wt 25 lbs. Model 908—(Albums not supplied.) Cabinet only. **YOUR COST** ..... **\$18.50**



## Portable Changer Case

A very attractive and practical carrying case that will hold a record changer with a complete load of records and operate with the lid closed. Solid wood construction throughout for long wear and service. Entirely covered with the finest quality of alligator-type material. Sewn leather edges completely around case. Has two nickel-plated locking snaps with key. Size 16x13 1/2 x 10 1/2". Shpg. wt. 10 lbs.

**K22343**—With blank motor board. **YOUR COST** ..... **\$8.82**



## Walnut Phono Case

Beautiful hand-rubbed walnut finish cabinet. Designed to accommodate automatic record changers or straight phono assemblies. Ideal for housing record-playing mechanism where records are reproduced through an external amplifier and speaker system, or through a radio. With blank motor board (see note below) for economical installations. 17" x 15" x 11 1/4" deep. Shpg. wt. 25 lbs.

**K22342**—Case only, with blank motor board. **YOUR COST** ..... **\$10.58**

**NOTE:** We will gladly drill any blank motor board of cabinets or cases listed on this page to fit any changer or phono assembly listed here. Please refer to page 38 for additional listings of record changers complete in portable cases.



# SHURE MICROPHONES



## Model 700D Crystal Mike

Wide-range tilting head crystal microphone. Response: 30-10,000 c. p. s. Graphoil Bimorph element. Output: 53 db. below 1 volt per bar. Satin-chrome finish, cable connector and locking plug. 2 3/4" diam. Fits 3/4"-27 threaded stand. 25 ft. shielded cable with plug.

K13640 - Shure

Model 700D Crystal Mike. Shpg. wt. 2 lbs. List \$25.00.

**YOUR COST.....\$14.70**

K13674-Directional Baffle.  
**YOUR COST.....\$1.47**

## Model 705A Crystal Mike

Beautifully streamlined. Ultra-wide range response: 30-10,000 c. p. s. Output: 55 db. below 1 volt per bar. Satin-chrome finish. Diam. 2 3/4". Overall length 3-7/16". Shpg. wt. 2 lbs. List \$25.00.

K13681 - Model 705A Crystal Mike

with 25 ft. cable and connector. List \$25.00.

**YOUR COST.....\$14.70**

K13682-Baffle.....\$1.47

## Model 70H Crystal Mike

High output: 46 db. below 1 volt per bar. Requires less amplifier gain. Graphoil Bimorph element, triple sealed. Satin-chrome finish. 7 ft. cable and cable connector. Shpg. wt. 3 lbs. List \$22.50.

K13473-

**YOUR COST \$13.23**

K13484-As above but with 25 ft. cable and plug. Shpg. wt.

6 lbs. List \$24.00.

**YOUR COST.....\$14.11**

## WITH UNIDIRECTIONAL MICROPHONES

You can get more volume without feedback. You can place mike and speakers closer together. You find it easier to set up your system anywhere.

## Model 730A "Uniplex" Uni-Directional Crystal Mike

A true uni-directional mike-sensitive at the front, dead at the rear. Solves feedback, room and background noise and reverberation problems. Ideal for use in theatres, night clubs, restaurants, churches, etc. High quality-wide range response. Average front to rear discrimination about 15 db. Output level 62 db. below 1 volt per bar. Triple moisture-proofed Graphoil Bimorph crystal. Head diameter 3-3/32", depth 3-11/32". Fits standard 3/4"-27 threaded stand. 25 ft. cable and connector. Shpg. wt. 4 lbs.

K13679-Model 730A. List \$32.50. **YOUR COST.....\$19.11**

K13699-Similar to above but especially designed for voice reproduction. Ideal for police, commercial and amateur use. Model 730SH. **YOUR COST.....\$19.11**

## Model 55 "Unidyne" Uni-Directional Dynamic Mike

Famous Shure "Cardioid" Dynamic-dead at rear. The answer to many a difficult installation. Eliminates feed-back problems and provides greater usable output. Response: 40-10,000 c.p.s. Ideal for high quality broadcast, P.A. and Recording. High output: 58 db. below 1 volt per bar. Complete with Shure cable connector and 25 ft. cable. Case dimensions: 4/4" high, 3/4" wide and 3/2" deep. High impedance model with built-in transformer.

K13688-Model 55C-High Impedance. Shpg. wt. 5 lbs. **YOUR COST.....\$26.46**

K13672-Model 55A-Low Impedance. Same as above but 35-50 ohms impedance. Recommended where long lines are necessary. Cable length practically unlimited. Complete with 25 ft. cable. **YOUR COST.....\$24.99**

K13673-Cable type transformer to match 55A to hi-imped. input.....\$5.00

## Model 708A Crystal

A beautiful new model with an excellent, smooth, wide-range frequency response. Output: 49.7 db. below one volt per bar at end of 7 ft. cable. Bimorph crystal mechanically isolated. Convenient swivel. Diam. - 2 1/2". Length - 4-7/16". Satin-chrome die-cast case, polished chrome bars. Shpg. wt. 2 1/2 lbs.

K13633 - 708A with 7 ft. of cable. List \$17.50.

**YOUR COST.....\$10.29**

K13634-Same with 25 ft. of cable. Wt. 6 lbs.

**YOUR COST.....\$11.17**

## Model 7A Crystal

Response from 30-10,000 c.p.s. Output 53 db. below 1 volt per bar. Graphoil Bimorph crystal. Satin chrome finished case. Diam.-2 3/4". 7 ft. single conductor shielded cable. Shpg. wt. 1 1/4 lbs. List \$16.50.

K13694-

**YOUR COST.....\$9.70**

K13695-Same with 25 ft. of cable. **YOUR COST.....\$10.76**

## Model 508C Dynamic

Same appearance as model 708 but moving-conductor type. Smooth wide-range frequency response. Very rugged. Practically immune to effects of heat and humidity. Output: 63 db. below 1 volt per bar. High impedance for use with any amplifier having an input impedance of 100,000 ohms or more. 25 ft. shielded single conductor cable and connector. For size and weight see 708A (at left).

K13635-List \$27.50.

**YOUR COST.....\$16.17**

## Model 500C Dynamic

Same case as at left but finished in iridescent gray and polished nickel. Moving conductor type. Output: 63 db. below 1 volt per bar. Excellent response. Hi-impedance. Shpg. wt. 1 1/2 lbs.

K13636-500C with 7 ft. of cable. **YOUR COST.....\$10.29**

K13637-Same with 25 ft. of cable. **YOUR COST.....\$11.17**



Model 708SH  
Crystal  
Mike

Designed for communication use. Has built-in r.f. filter. Output 33 db. below 1 volt per bar speech signal. 2-tone satin-chrome finish. 7 ft. cable. Wt. 2 lbs.

K13628- **\$10.29**  
EACH....



76B Lapel Mike

Small - 1 1/8" diam. Light - 1/2 oz. Iridescent gray finish. 25 ft. cable. Excellent voice reproduction. Improved lapel clip. Wt. 3/4 lb. List \$25.00.

K13638- **\$14.70**  
EACH....



## Model 707A Crystal Mike

For general-purpose use. Gives you more in quality and performance than any other in the low price field. Sturdy die-cast case in iridescent gray and polished front grille. Output level: 49.7 db. below 1 volt per bar. Mechanically isolated Bimorph crystal. Standard 3/4"-27 thread for desk or floor stand mounting. Diameter 2 3/4".

K13630-Model 707A-Crystal Mike complete with 7 ft. cable. Shpg. wt. 2 lbs. List \$9.95.

**YOUR COST.....\$5.85**

K13631-Same as above but with 25 ft. of cable. Shpg. wt. 4 lbs. List \$11.50.

**YOUR COST.....\$6.76**



## Model 750B Hand Mike

Military type crystal hand mike that fits comfortably in the palm of the hand. Light and compact. Sturdy cast aluminum case finished in iridescent gray and satin aluminum. Dim.: 3 3/4" x 2 3/4" x 1 3/4". Excellent response and high output level. Press-to-talk switch with locking position. Removable suspension hook. 7 ft. shielded rubber-jacketed cable with spring protector. This is an excellent mike for use with police and amateur transmitters, portable public address equipment, aircraft transmitters, etc. Shpg. wt. 1 lb.

K13649-List \$22.50. **YOUR COST.....\$13.23**



## Model 717A Hand Mike

New, low-priced hand microphone designed for home recording and communication use. Pliable Tenite case. Rugged and handy to use. Crystal mechanically isolated. Excellent smooth wide-range response. Output level 49.7 db. below one volt per bar at end of 7 ft. cable. Diameter 2 1/4". Height overall 6". Depth 1-15/32". Single-conductor, shielded rubber-jacketed cable 7 ft. long. Shpg. wt. 1 lb.

K13603-List \$9.95. **YOUR COST.....\$5.85**

K13606-Same as above but with 25 feet of cable. Shpg. wt. 2 lbs. List Price \$11.50.

**YOUR COST.....\$6.76**

Model Desk Stand



Combination hand and desk stand. Wood handle bayonet-locks into metal base. 6-11/16" h. x 4 1/2" d. Threaded 3/8"-27". Wt. 3 lbs. K13591- **\$1.09**  
EACH.....

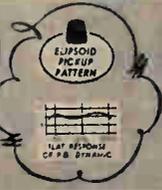
# AMPERITE MICROPHONES



## KONTAK MIKES FOR MUSICIANS

Faithfully reproduce the vibrations of any musical instrument. They reproduce the entire audible range without introducing any annoying peaks. Used extensively by many famous name bands. Have been used by the Philadelphia Symphony Orchestra to re-enforce a mandolin solo. Increase timbre - create new effects. Available, as illustrated at left above, without hand volume control and also with this control as illustrated at right. Model KR is a special hi-output model that will work on phono inputs of most amplifiers and radio receivers (built after 1935). Other models are for use on regular mike channels. All are high impedance (available in 200 ohms impedance on order only). Average shpg. wt. 2 lbs. each.

Stock No.	Model	Without Volume Control (1x3x1")	Range	Level	Cable	EACH
K13661	KTH		40-9000 c.p.s.	-30 db.	25-ft.	\$12.94
K13675	SKH		40-6000 c.p.s.	-40 db.	15-ft.	7.06
K13698	KR		40-6000 c.p.s.	Spec.	15-ft.	7.06
	Model	With Volume Control (2x1x5/8")	Range	Level	Cable	EACH
K13690	KKH		40-8000 c.p.s.	-30 db.	25-ft.	10.58
K13691	KKHH		40-9000 c.p.s.	-30 db.	25-ft.	14.46



### Pressure Gradient Dynamic

The Dynamic with the lowest feedback point of any diaphragm mike. Has an improved ellipsoid pickup pattern - flat response. Range 40-11,000 c.p.s. Output -56 db. Unaffected by temperature or humidity. "Station type" cable connector. "On-off" switch. 25-ft. cable. Chrome. Wt. 3 lbs. **K13610**-Hi-impedance. List \$32.00. **YOUR COST... \$18.82**

**K13611**-As above but range 70-8000 c.p.s. 12-ft. cable. List \$25.00. **YOUR COST... \$14.70**

200-ohm imp. models on order at same price.

### Economy Velocity

Amperite quality at a very low price. Excellent response. Output -68 db. Shock absorber, swivel, carrying bag. Gunmetal finish. RAL-200 ohms. RAH-2000 ohms impedance. Wt. 7 lbs. **K13618**-RAL (8" cable) **YOUR COST... \$12.94**

**K13619**-RAH (12" cable) **EACH... \$12.94**

### Studio Velocity

Tops in quality! Flat within 1 db. from 40 to 15,000 c.p.s. Triple shielded. Built-in "on-off" switch. 25-ft. cable. Gunmetal finish. High impedance. Shpg. wt. 10 lbs. Model **\$R-80**. List \$80.00. **K13463**- **YOUR COST... \$39.20**

### Foot Control

Smooth control of volume by foot is possible with this unit. For any high impedance, Kontak mike. 9x2 1/2 x 2 1/2". With 15-ft. cable. Wt. 4 lbs. **K13663**- **YOUR COST... \$7.06**

### Bridge Clamp

Simplifies installation of Kontak mike on string instruments. Adjustable 1/16 to 1/4". **K13686**- **EACH... \$5.94**

**K13687**-EACH... \$5.94

Strap for flat top guitars.

### Lapel Mike

Hangs around the neck. 2 1/4 x 1 3/4 x 1". Response 60-7500 c.p.s. Output: -70 db. 25-ft. cable. **K13615**-Hi-impedance. **K13617**- 200 ohms. **\$12.94**

### LGP Input

Matches 50 or 200 ohms to hi-impedance input. Standard for close-talking mikes; Laboratory for all voice and music. Use up to 5000-ft. cable. **K13608**-Stand... \$3.53

**K13609**-Lab... \$5.88



## AMERICAN Dynamic Microphones

### Model VR2T

Directional variable-response dynamic mike. Has a smooth change from a communication-type response, with a cut-off below 500 c.p.s., through a flat response to an augmented base, attained by a simple, positive adjustment. Complete with 12 1/2-ft. cable and connector at mike. Dull chrome finish. Greatest diameter 3". Height 4". Hi-impedance -38,000 ohms. Shpg. wt. 4 lbs. List \$35.00. **K13476**- **EACH... \$20.58**

### Model D7T

A good quality moving-coil dynamic with a semi-communication type response suitable for general PA work. Compact-2x2 3/4". Output -56 db. (below IV. bar.) Hi-impedance (38,000 ohms). Semi-directional. Equipped with 12 1/2-ft. cable. Fits 3/8"-27 threaded stand. An excellent microphone for use in the "ham" station. Real value at a very low price. Shpg. wt. 3 lbs. **K13486**- **EACH... \$13.23**

### Model D4T

Fine response from 60 to 7500 cycles and a high output of -56 db. (0 db. = IV/bar) feature this new model D4-T dynamic microphone. Very rugged yet light in weight (app. 10 1/2 oz.). 180° vertical angular setting, and positive friction lock at the swivel. Hi-impedance 38,000 ohms. Equipped with single contact shielded plug and 12 1/2-ft. cable. Shpg. wt. 2 lbs. **K13586**- **YOUR COST... \$11.76**

## AMERICAN Crystal Mikes

### Model RC

Low priced high quality crystal mike complete with desk stand. Mike is chrome and walnut finished complete with cable and spring protector for cable at mike. Wide range, semi-directional. Output -52 db. Two-piece removable desk stand easily converted into a desk or a hand mike. Can be removed entirely and mike mounted on floor stand. 3/8"-27 thread. Suitable for home recording, amateurs, PA, etc. With 7-ft. cable. Shipping weight 1 1/2 lbs. **K13477**- **YOUR COST... \$5.85**

### Model C6

Has a crystal driving lever that is twice as efficient as previously used providing twice the output with equal sound pressure. Broader response - better bass. Output approx. -48 db. Swivel head. 7-ft. cable with connector at mike end. Range. 40-9000 c.p.s. Polished chrome finish. Overall height 3". Diameter 2 3/8". Standard 3/8"-27 thread. A really fine microphone for all types of amateur and commercial applications. Shpg. wt. 2 lbs. **K13580**- **YOUR COST... \$9.70**

## Velocity Mikes

### With Acoustic Compensator

Feature hand-hammered ribbons, Alnico magnets, standard "station type" cable connector assemblies, built-in "On-Off" switch, felt carrying case. Guaranteed for 3 years. Built-in Acoustic Compensator permits frequency adjustment-push knob up to increase highs-down to increase lows. Range: 40-11,000 c.p.s. Output: -65 db. With 25-ft. cable. Gunmetal finish. Shpg. wt. 8 lbs. **K13668**-RBHK. Hi-impedance. **K13669**-RBMK. 200 ohms. List \$42.00. **YOUR COST... \$24.70**

### Standard Models

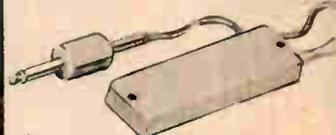
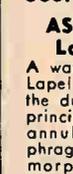
Similar but range: 60-8000 c.p.s. Output: -68 db. 12-ft. cable. **K13598**-RSHK. Hi-impedance. **K13599**-RBSK. 200 ohms. List \$32.00. **YOUR COST... \$18.82**

### Replacement Ribbons

Highest grade. 2 to a package. **K13566**-Standard... \$73c

**K13567**-Supersensitive... \$1.03

All Ampertite mikes (except Kontak) furnished in Chrome at same price - please specify if desired.



## BRUSH Lapel Mike

An extremely compact rubber-cradled sound-cell type crystal microphone for use on the lapel or in the hand. Removable clip holds microphone securely to the lapel. Overall rubber housing protects microphone from shock and abrasion. Very light in weight. Excellent frequency response. Ideal for use by lecturers, teachers, demonstrators, etc. Small size makes it easy to conceal for investigation work. 25-ft. of rubber cable. Shpg. wt. 2 lbs. **K13782**-Model BL-1 **YOUR COST... \$14.70**

## BRUSH Vibromike

A tiny contact microphone used for an infinite variety of purposes-for musical instruments, test equipment, detective work, etc. High output permits its use with small amplifiers. Size: 1 7/8 x 3/4 x 5/16". Easily attached by means of mounting clamp (furnished) to practically any musical instrument. Soft rubber case. With 25 ft. of cable. Wt. 2 lbs. **K13467**-Model VM-1. List \$17.50. **YOUR COST... \$10.29**

## ASTATIC L-1 Lapel Mike

A watch case model Lapel Mike utilizing the dual-diaphragm principle. Two small annular ring diaphragms drive a Bimorph crystal element. Cartridge assembly in barometrically compensated and held in a shock-proof mounting. Output -62 db. Response: 30-10,000 c.p.s. 1 1/2" dia. Statuary bronze. **K13429**-EACH... \$14.70

## LECTROLAB String Mike

Electrify any steel-string instrument-guitar, mandolin, etc. Not a contact mike-only the vibrations of the strings themselves are amplified. High impedance. 7/16x1-3/16x1 3/4". With cord and plug. Shpg. wt. 1 lb. Gold ripple finish. **K13416**-With clamps. **YOUR COST... \$5.85**



### Model D-104

A favorite with hams everywhere. Has new type Graphoil crystal element and improved shock mounting. Output -48 db.; response rises from 500 to 4000 cps. Solid bronze case; bright chrome finish. With plug and connector with 3/16"-27 thread, spring cable protector and 8-ft. cable. High Impedance.

K13363—Wt. 2 lbs. **\$13.23**

**YOUR COST.....**

"Ham" Model GD-104

D-104 mike, on Grip-To-Talk desk stand (see below).

K13358—Wt. 2 lbs. **\$16.17**

**YOUR COST.....**

# ASTATIC MICROPHONES



### Model UT-48W

The latest model in the Astatic line. Never before a crystal mike with tilting head at this low price. Fills a long felt want for a really good mike for general usage at a popular price. Matched acoustic design; pleasing bass response with uniform highs. Heavy die-cast cartridge housing, with corrosion-proof diaphragm. Output level -52 db. 30-6,000 cps. Satin chrome finish. Supplied with swivel mount, concentric cable connector, 7-ft. cable. Wt. 2 lbs.

K13791—Wt. 2 lbs. **\$9.70**

**YOUR COST.....**

### Model T-3

An improved, new model semi-directional tilting head, quality crystal mike with superb response. Tilts from horizontal to vertical. Output -52 db., response 30 to 10,000 cps. Standard plug and connector, with 3/16"-27 thread, spring cable protector and 25-ft. cable. Chrome plated finish with fine mesh screen grille.

K13670—Wt. 2 lbs. **\$14.70**

**YOUR COST.....**

K13525—Model GT-3—T-3 mike as above with Grip-To-Talk Stand.

Shpg. wt. 5 lbs. **\$17.64**

**YOUR COST.....**

### Model R-3

A brand new low cost crystal mike with high output and good frequency characteristics. Genuine Bimorph crystal, "Ebonite" treated. Output level -52 db. Frequency response substantially smooth from 30 to 5,000 cps. Brown finish with polished metal grille. Case is threaded 3/16"-27 for use with standard desk or floor stand. 2 1/4" diameter. Equipped with 7-ft. single conductor, shielded cable. Ideally suited for Amateur and Home-Recording use. Wt. 2 lbs.

K13792—Wt. 2 lbs. **\$5.85**

**YOUR COST.....**

### Model DN-HZ

A semi-directional all-purpose dynamic mike featuring unitary moving coil system, response characteristic substantially flat from 50-7,000 cps. Output level -55 db. Tilting head. Two-tone opalescent grey and chrome finish. Plug and connector with 3/16"-27 stand thread, spring cable protector, 25-ft. cable. Wt. 5 lbs.

K13551—Wt. 5 lbs. **\$13.23**

**YOUR COST.....**

### Model WR-20

A high quality dual-diaphragm multi-unit crystal mike for studio and P.A. work. Frequency response 30-10,000 cps. 3 db. variation. Tilting head for control of feedback. All chrome finish. Supplied with plug and connector with 3/16"-27 stand thread, spring cable protector and 25-ft. cable. Wt. 3 lbs.

K13790—Wt. 3 lbs. **\$17.35**

**YOUR COST.....**

### Grip-To-Talk Desk Stand

With built-in relay-operating on-off switch. Fits all Astatic mikes. Chromium upright, 8 1/4" high. Telephone base. Excellent for "Ham Station" or Public Address use.

Shpg. wt. 3 lbs. **\$5.88**

**EACH.....**



## ELECTRO-VOICE MICROPHONES

### CARDAK Model

A new poly-directional dynamic mike adjustable to eliminate sound from rear or sidewall reflection. Also adjustable for reflected sound direction to correct feedback. Substantially flat from 30 to 10,000 cps. Output level: -52 db. Built-in on-off switch. Butler chromium finish. Tilts for non-directional use. Hi-Impedance. With 20-ft. cable. Wt. 5 lbs. Model 725

K13789—Wt. 5 lbs. **\$29.11**

**YOUR COST.....**

### Model 612

A popular new tilt-head dynamic that is excellent for voice and music. Frequency response 40 to 9,000 cps. Output level: -56 db. The head is tiltable through a 90° arc. Convenient on-off switch. Cable connector part of stand coupler, not subject to strain when head is tilted. Available in chrome or gun-metal. 20-ft. cable supplied.

K13787—Chrome. **\$14.70**

K13788—Gunmetal ....\$13.23

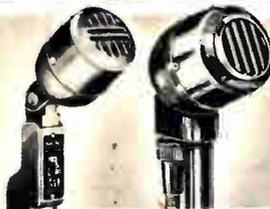
### Model 605

A new low-cost dynamic that provides, excellent quality, appearance and durability. Frequency response 45 to 8,000 cps., excellent for P.A. recording and Hams. Output level: -57 db. Head has fixed tilt of 22°. Available in chromium or gunmetal finish. Supplied with 8-ft. cable. Shpg. wt. 5 lbs.

K13785—Chrome..... **\$10.29**

K13786—Gunmetal. **\$9.70**

**YOUR COST.....**



### RCA Aerodynamic

Pressure operated, dynamic mike, range 100-6000 cps. Output -68 db. Chrome finish. 3/16"-27 thread adapter. With 30-ft. cable. Low impedance, 250 ohms. Size: 2 3/8"x3 3/8". Shpg. wt. 3 lbs.

K13466—RCA No. MI-6226D. Less Stand..... **\$11.73**

**YOUR COST.....**

K13465—RCA No. MI-6228B. High impedance, 40,000 ohms. Less Stand..... **\$12.90**

**YOUR COST.....**

K13478—Stand Only...\$1.56

### Bruno Velotrons

At right is shown the Bruno close-talking hand or desk mike. Requires no exciting voltage. High impedance. Output -50 db. Response 70-9,000 cps. Rubber mount fitting fits connector, fitting or stand. With male connector terminal. Crystal grey. 12' cable. Wt. 4 lbs.

K13558—EACH. **\$4.70**



### Bruno Model MS

At right. No-voltage mike has Bi-directional characteristics. Output -50 db. Response 70 to 9,000 cps. Hi-impedance permits use of up to 1,000 ft. cable with only 8 db. loss. Silver wrinkle finish. Male connector terminal; less cable. Wt. 4 lbs.

K13557—Wt. 4 lbs. **\$7.94**

**YOUR COST.....**

25-ft. cable with female connector for above. Wt. 6 lbs. **\$14.70**

**YOUR COST.....**



### Model 630

An outstanding popular priced dynamic with excellent operating characteristics. Pure piston acting diaphragm to eliminate spurious frequencies. Frequency response 40 to 10,000 cps. Output level: -55 db. Tiltable for directional or non-directional pick-up. Built-in on-off switch. Complete with 20-ft. cable. Shpg. wt. 5 lbs.

K13505—Chromium. **\$15.88**

**YOUR COST.....**

K13506—Gunmetal. **\$14.70**

**YOUR COST.....**



### Model V-1

A real high-fidelity velocity microphone at a popular price. Excellent for P.A., recording and communication. Small in size, yet highly flexible in operation. Frequency response 40-10,000 cps. Output level: -65 db. May be tilted for non-directional use. Zero cavity resonance, reduced feedback. On-off switch, 20-ft. cable. Gunmetal finish, chrome trim. Built-in xformer. Wt. 6 lbs.

K13722—Wt. 6 lbs. **\$14.70**

**YOUR COST.....**



### Model 600

A dynamic "Mobile" mike designed for blast-proof, high quality close talking operations. Fits in palm of hand, weight only 13 oz. Will withstand heat, excessive humidity, rough handling, salt air, etc. Output: -57 db. Frequency response 50-8,000 cps. Has slide to talk switch, locking connector, 8-ft. cable and convenient hanging ring. Finished in gunmetal with chrome trim.

K13736—Wt. 13 oz. **\$14.70**

**YOUR COST.....**



### Lafayette Velocity

A new high quality, triple shielded mike. Supplied with shock absorber. Response 40-10,000 cps. within 2 db. Output -64 db. With 12-ft. cable. Slate grey finish.

K13626—200 ohm. Low impedance. **\$10.10**

**YOUR COST.....**

K13627—High impedance Either Type. **\$10.10**

**YOUR COST.....**

# MICROPHONE STANDS and Accessories

## Automatic Lock Banquet Stands



Adjustable. Utilize "pump-action"—"sure-grip" automatic friction clutchlock. Heavy brass chromed tubing; grey crackle finished base, 6" diam., with rubber bumpers. Standard  $\frac{3}{4}$ " x 27 thread. Less mike.  
**K13353**—Extends 10-15". Wt. 3 lbs.  
**Your Cost \$1.95**  
**K13354**—Adjusts from 18 to 33". 7" base. Wt. 8 lbs.  
**Your Cost \$2.75**

## Standard Banquet Stands

Features same as above, but non-adjustable. All chrome.  $8\frac{1}{4}$ " high. Heavy base. Wt. 3 lbs.  
**K13582**—Your Cost. **\$1.45**  
**Two-Tone Model.** Same, but black wrinkle finished base. Wt. 3 lbs.—**K13583** **\$1.10**  
**Your Cost**

## Lecturer's Microphone Neckstand



For lecturers, demonstrators, teachers, etc. Fits comfortably around the neck and leaves hands free. Always perfect reproduction no matter which way the lecturer faces. Fits any mike. Weighs only 12 oz.  $\frac{3}{8}$ "—27 thread on flexible gooseneck. Shpg. wt. 2 lbs.  
**K13451** **\$1.45**  
**Each**

## Latest! 3-Purpose Microphone Stand



Ideal for all Portable uses. Instantly convertible to **8" Banquet Stand (A)**, **Microphone Handle (B)** or **Desk Stand (C)**. Especially designed to fit modern mikes. Consists of 6" wrinkle platinum grey finish base, 2" chromium plated stem and  $4\frac{1}{4}$ " wrinkle platinum grey finish handle. Complete with cable connector. Shpg. wt. 5 lbs. Less Microphone.  
**K13352**—Your Cost. **\$1.95**

## Carbon Mike Stand



Has 5" octagonal ring. 8 springs supplied. Overall height 9". Removable ring. Black enamel wrinkle finish.  
**K13540**—Wt. 3 lbs.  
**Your Cost \$1.32**

## De Luxe Banquet Stand

Same as above, but with 6" removable round ring. Height 13" overall. Shpg. wt. 5 lbs.  
**K13542**—Your Cost. **\$1.97**

## Microphone Springs

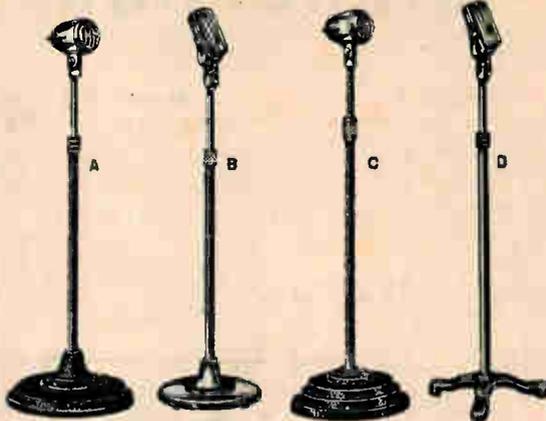


Made of fine tempered steel.  
**K13402**—Set of 8.  
**Your Cost \$1.50**

## Carbon Granules

Extra fine quality—not adulterated. Contains sufficient granules to refill one two-button mike.  
**K13481**—Each. **\$1.50**

## Quality Microphone Floor Stands For Every P.A. Application



All stands made of seamless brass tubing; triple chromium plated. Type "B" models have spun brass shells over heavy cast-iron bases. Models "A", "C" and "D" have heavy cast-iron bases finished in durable platinum grey wrinkle. All of standard height,—extending from 35 inches to 68 inches, except Model "C". Latest silent clutch design, finely balanced construction for greatest stability. Each stand threaded  $\frac{3}{8}$ "-27 to fit standard microphones. All weights specified below are net. Add 3 lbs. for shipping weight. Microphones not included.  
**K13647**—Model A; Base Dia. 10"; Wt. 10 lbs. **\$3.60**  
**Your Cost**  
**K13528**—Model B; Base Dia. 10"; Wt. 11 lbs. **\$4.55**  
**Your Cost**  
**K13356**—Model B Deluxe; Base Dia. 12"; Wt. 18 lbs. **\$6.90**  
**Your Cost**

## 3-Section "Kum-Apart" Stand

Takes only a few seconds to knock-down or assemble. Fits into most portable cases. Can be used as banquet or floor stand. Has 12" adjustable section providing 3 sizes of stands in one—17" to 29", 35 $\frac{1}{2}$ " to 47 $\frac{1}{2}$ " and 54" to 66". Base diam.—9". Wt. 14 lbs.  
**K13430**—Model "C"  
**Your Cost \$5.45**

## Automatic Clutch Floor Stand

Adjusts without thumbscrews, clutch releases, etc. Just raise or lower and it stays put! Won't slip or drop and jar mike. Extends 38" to 60". Heavily weighted base 10" diam. Wt. 10 lbs.  
**K13780**—Model "A"  
**Your Cost \$4.45**

## Economy Floor Stand

Special lightweight model similar to illustration "A". Thumbscrew locking. Extends 34" to 62". 9" Base. Shpg. wt. 8 lbs.  
**K13629**—Your Cost. **\$2.75**

## Tripod Stand

Model "D". Tripod spread 15". Wt. 10 lbs.  
**K13355**—Your Cost. **\$5.95**

## ELECTRO-VOICE Carbon Microphones



**Model 50.** Two-button. 200 ohms per button. Excellent reproduction. 10-15 ma. normal—3-5 ma. for close talking. Finished in light gunmetal. "Eye" hooks for ring suspension. Shpg. wt. 3 lbs.  
**K13419**—Your Cost. **\$2.94**

## Model 75



Streamlined two-button mike with internal shock absorber. 200 ohms per button.  $\frac{3}{4}$ "-27 coupling. 6 ft. cable. Less stand.  
**K13414** **\$4.41**  
**Each**  
 Stand for above, 4" high,  $4\frac{1}{2}$ " diam. **85c**  
**K13422**—Each **85c**

## AMERICAN Carbon Mike

2-button carbon mike convertible to hand or desk model. Stretched dural diaphragm. Rubber mounted yoke fits  $\frac{3}{8}$ "-27 stands. Shpg. wt. 3 lbs.  
**K13658**—Mike only.  
**Your Cost \$4.41**  
**K13659**—Handle only. **85c**  
**Each**  
**K13660**—Base only. **59c**

## TRUTEST Carbon Mike

High quality 2-button carbon mike. Range: 45-7000 c.p.s. Heavy chrome plated frame. Pure 24 k. gold contacts. Duraluminum diaphragm. 3" diam. 2" deep. With rings. Shpg. wt. 3 lbs.  
**K13420**—  
**Your Cost \$3.95**

## SHURE 3B and 5B Carbon Mikes

Excellent two-button carbon microphones. 200 ohms per button. "Quick-way" hooks for spring suspension. Rigid cast frames—built-in grilles. Shpg. wt. 3 lbs.  
**K13645**—Model 3B. 3" diameter. **\$3.23**  
**Your Cost**  
**K13593**—Model 5B. 3 $\frac{1}{2}$ " diameter. **\$5.88**  
**Your Cost**

## SHURE Desk Stands

**Model S36A**  
 Streamlined die-cast base with rubber feet. Takes either Shure connector-type or any standard type microphone. Connector-type fit flush. Others mount as shown in illustration. Ornamental button on front can be removed and a  $\frac{3}{8}$ " bushing switch or volume control inserted. Iridescent gray finish. Base: 2 $\frac{1}{2}$ " high, 5" wide, 7" long. Shpg. wt. 1 $\frac{1}{2}$  lbs. Less Mike. **\$2.06**  
**K13602**—Your Cost.



## Model S32D

Modernistic desk stand. Beautifully finished in Iridescent-Gray with Satin-Chrome concentric circles on base. Friction lock provides easy positive height adjustment from 7 to 11 inches. Base diameter 6". Has  $\frac{3}{8}$ "-27 thread to fit standard mikes. Shpg. wt. 3 $\frac{1}{2}$  lbs. Without mike. **\$3.82**  
**K13643**—  
**Your Cost**



## EASTERN Hollow Base Floor Stand

Quality stand, with special hollow die-cast base. Eliminates dented and disfigured shells, and reduces shipping expense. Screw plug permits filling base with sand (weighs 10 lbs. filled). Base has rubber guard; overall diam. 10". Tubing section of heavy brass, with variable pressure chuck lock. Adjusts from 36 to 67".  $\frac{3}{8}$ "-27 thread. All Chrome Finish. Shpg. wt. 7 $\frac{1}{2}$  lbs.  
**K13775**—  
**Your Cost \$3.85**

## Mike Stand Switch

For any mike. Standard  $\frac{3}{8}$ "-27 thread. Unwired. Shure No. A80B.  
**K13639**—  
**Each \$1.47**

## Stand Switch

For Shure cable connector type mikes. No wiring required. Shure No. A88A.  
**K13594**—  
**Each \$2.35**

## Midget Tip Plugs and Jacks

Cap insulated from tip. Compact. Sold complete—plug and jack.  
**K13311**—Single. **9c**  
**K13323**—Dual. **12c**

## YAXLEY Pin Plugs

Bakelite insulation, polarized plugs. Positive spring contacts.  
**K6375**—No. 635. 7-prong male.  
**K6379**—No. 645. 7-prong female.  
**Your Cost, \$5.90**  
**Either Type**  
**K6376**—No. 625. 12-prong male.  
**K6380**—No. 615. 12-prong female.  
**Either Type, Each \$7.30**

**NEW YORK, N. Y.**

**100 SIXTH AVENUE**



*Lafayette Radio Corporation*

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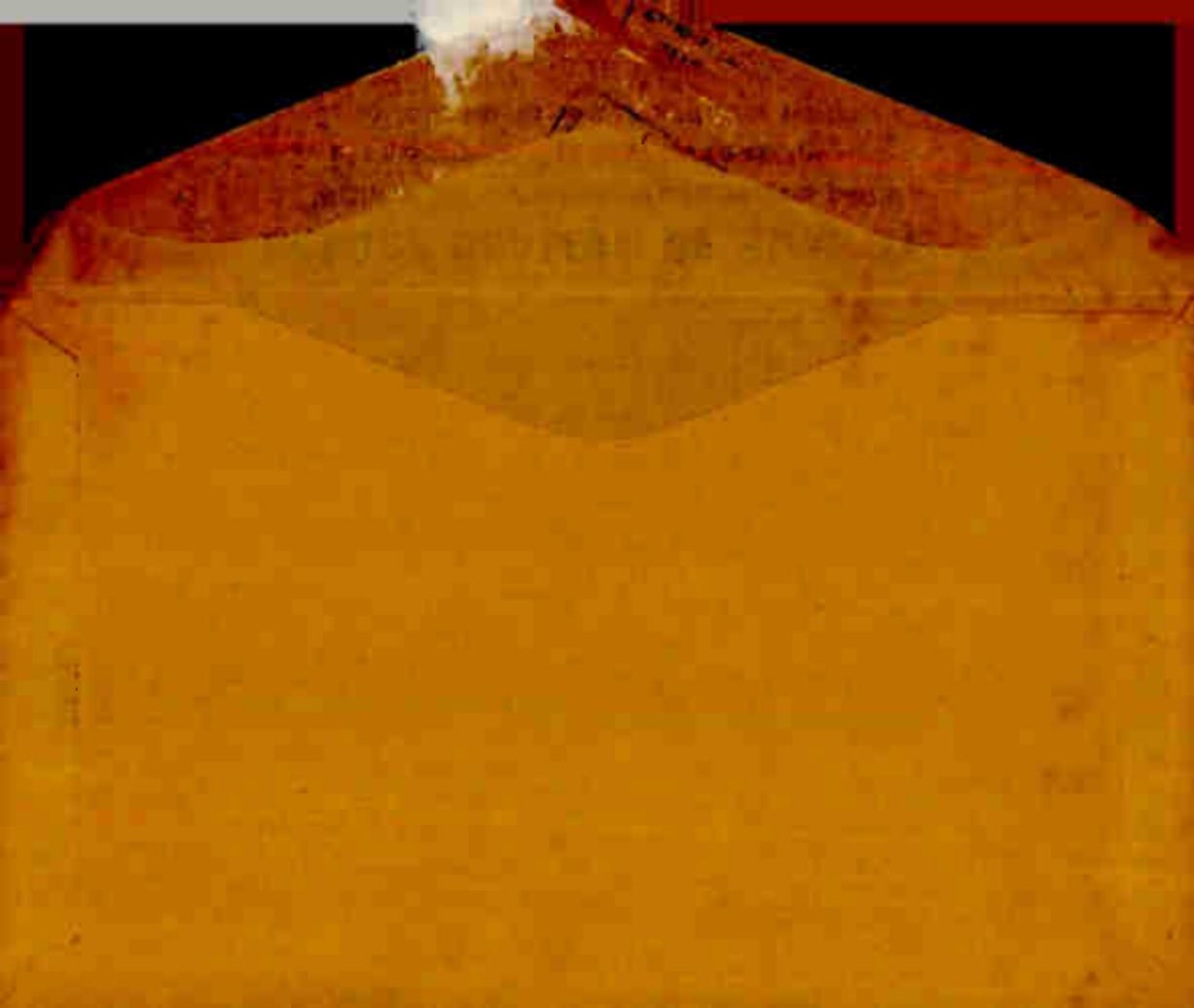
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Use our convenient order blank (additional blanks sent on request). Please write in ink, legibly, and not more than ONE item to a line. Make sure you write the exact stock number and that the price is the one quoted for the item you want. Specify how we shall make shipment by checking the preferred square "Parcel Post", "Express", etc. We shall follow your instructions, but will change them wherever we are sure that such a change is to your better interest. Please keep all correspondence or remarks relative to your order on a separate sheet of paper. Make sure you include sufficient postage; all overpayments promptly refunded (if overpayment is under 10¢, we will credit your account).

**NOTE:** In many instances, especially in the tabulated lists of merchandise, it is impossible to show shipping weights. In practically all cases, it is a simple matter to estimate the weight of each article. Please be sure to include sufficient postage. We will credit you with any overpayments.

## DOMESTIC ORDERS

We buy for cash and sell for cash; this explains our low price policy. We do not carry credit accounts, and we pass on to our customers all savings affected by the elimination of costly book-keeping. We will ship C.O.D. if desired, providing a deposit of at least 20% accompanies your order. C.O.D. parcels may be shipped ONLY to places in the 48 states of the U.S. and to U.S. territories. On small orders, remittance in full saves you extra collection costs.

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On all foreign orders we require payment in the United States by irrevocable and confirmed letter of credit against documents, or 50% deposit with order, balance sight draft against B/L. All quotations are F.O.B. our warehouse, with slight additional charge for export packing. Orders up to \$25.00 payable in full, in advance, including postage. All remittances payable in U.S. funds.

## 2% TRANSPORTATION ALLOWANCE

On mail orders of \$25.00 or more, we allow you to deduct 2% from the total as transportation allowance, with the following exceptions: All Lafayette and National Co. products; all items sold under Fair Trade regulations; all items marked "shipped Postpaid"

## RETURNING MERCHANDISE

If you find it necessary to return any merchandise for adjustments, please write in advance stating the following: reason for return—when and where purchased—number of sales slip (if purchased over the counter). If your shipment is received damaged, obtain a report from the postmaster or express agent and mail it to us. Use a separate sheet of paper for all adjustment matter; do not add remarks to a new order for parts. Do not include money in the package you return. When returning merchandise, pack carefully, insure, and write your name and address on all packages and letters before returning to us.

## FINAL PRICES

Prices shown in this catalog are net, and except where marked POSTPAID, do not include postage. All discounts have been deducted, including 2% discounts for cash. Prices are subject to change without notice; we give customers the benefit of all reductions taking place after the catalog is published.

## POSTPAID ITEMS

Items marked "Shipped Postpaid" do not require postage. Please note that Postpaid items refer only to shipments made within the 48 states of the U.S. only (does not include U.S. possessions).

## SENDING MONEY

The safest and best way to send money is by: American Express; Post Office or Telegraph Money Order; bank drafts; firm checks; stamps. Do not send cash. If absolutely necessary to remit cash, send by registered mail only. Do not hesitate to include sufficient postage; over-payments are promptly refunded.

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Parcels up to 8 ounces may be shipped anywhere in the United States for 6¢. Parcel post shipments to any zone must not exceed 70 pounds. The limit of size on all parcel post packages is 100 inches in length and girth combined, at

widest point. Example: a package 35 in. long, 10 in. wide and 5 in. high measures 65 in. in length and girth combined (length 35 in. plus twice 10 in. width, plus twice 5 in. height, equals 65 in.).

Weight In Pounds	ZONES							
	First Up to 50 Mi.	Second 50 to 150 Mi.	Third 150 to 300 Mi.	Fourth 300 to 600 Mi.	Fifth 600 to 1000 Mi.	Sixth 1000 to 1400 Mi.	Seventh 1400 to 1800 Mi.	Eighth Over 1800 Mi.
1	\$.08	\$.08	\$.09	\$.10	\$.11	\$.12	\$.14	\$.15
2	.10	.10	.11	.14	.17	.19	.23	.26
3	.11	.11	.13	.17	.22	.26	.32	.37
4	.12	.12	.15	.21	.27	.33	.41	.48
5	.13	.13	.17	.24	.33	.40	.50	.59
6	.14	.14	.19	.28	.38	.47	.59	.70
7	.15	.15	.21	.31	.43	.54	.68	.81
8	.16	.16	.23	.35	.49	.61	.77	.92
9	.17	.17	.25	.38	.54	.68	.86	1.03
10	.18	.18	.27	.42	.59	.75	.95	1.14
11	.19	.19	.29	.45	.64	.82	1.04	1.25
12	.21	.21	.31	.49	.70	.89	1.13	1.36
13	.22	.22	.33	.52	.75	.96	1.22	1.47
14	.23	.23	.35	.56	.80	1.03	1.31	1.58
15	.24	.24	.37	.59	.86	1.10	1.40	1.69
16	.25	.25	.39	.63	.91	1.17	1.49	1.80
17	.26	.26	.41	.66	.96	1.24	1.58	1.91
18	.27	.27	.43	.70	1.02	1.31	1.67	2.02
19	.28	.28	.45	.73	1.07	1.38	1.76	2.13
20	.29	.29	.47	.77	1.12	1.45	1.85	2.24
For Each Added lb. Add	1¢	1¢	2¢	3½¢	5¢	7¢	9¢	11¢

## EXPRESS CHARGES

Express charges are also determined by the weight of the shipment and distance of the con-

signee from shipper. The following chart enables you to estimate charges.

Maximum Distance in miles	50 Mi.	150 Mi.	300 Mi.	500 Mi.	750 Mi.	1000 Mi.	1500 Mi.	2000 Mi.
cost up to 5 lb.	\$0.25	\$0.25	\$0.25	\$0.30	\$0.35	\$0.45	\$0.50	\$0.72
" " 10 lbs.	.30	.30	.31	.40	.50	.65	.70	1.34
" " 15 lbs.	.30	.34	.41	.51	.67	.73	1.00	1.96
" " 20 lbs.	.30	.42	.51	.64	.85	.94	1.30	2.57
" " 25 lbs.	.35	.50	.61	.78	1.04	1.15	1.60	3.19
" " 35 lbs.	.45	.66	.82	1.05	1.41	1.57	2.20	4.42
" " 45 lbs.	.55	.82	1.02	1.34	1.79	1.99	2.80	5.66
" " 55 lbs.	.65	.98	1.23	1.59	2.16	2.40	3.40	6.89
" " 75 lbs.	.85	1.30	1.63	2.13	2.91	3.24	4.60	9.36
" " 95 lbs.	.99	1.60	2.04	2.67	3.66	4.08	5.80	11.83
For Ea. 100 lbs.	.99	1.60	2.04	2.67	3.74	4.18	6.00	12.34

## INSURANCE

Parcel post insurance rates are: 5¢ for parcels up to \$5.00; 10¢ for parcels from \$5.00 to \$25.00; 15¢ for parcels from \$25.00 to \$50.00; 25¢ for parcels from \$50 to \$100.00. After \$100.00 the charge for each additional \$50.00 is 5¢ extra. All parcels that we ship are insured.

Express insurance rates are: for shipments under \$50.00, no extra insurance charge; for shipments valued from \$51.00 to \$150.00 charge is 10¢. For each additional \$100.00 value or portion thereof, charge is 10¢.

## EXPRESS & FREIGHT SHIPMENTS

Express and 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.

## C. O. D. SHIPMENTS

Transportation charges on C.O.D. parcels are slightly higher than those sent prepaid. C.O.D. charges in addition to the regular postage costs outlined above are as follows (including insurance): When value of parcel is up to \$5.00 the extra charge is 12¢; \$5.00 to \$25.00 the extra charge is 17¢; \$25.00 to \$50.00 the extra charge is 22¢; \$50.00 to \$100.00 the extra charge is 32¢; \$100.00 to \$150.00 the extra charge is 40¢; \$150.00 to \$200.00 the extra charge is 45¢. For each \$50.00 value above \$200.00 the charge is 5¢ more (including insurance). The Post Office also charges an extra small money order fee on each C.O.D. parcel. Save these fees by remitting in full.

**NOTE:** Equipment built or ordered especially to meet customers requirements not subject to exchange, credit or refund. All orders for special merchandise must be accompanied by a deposit.

## Miniature Connectors



Molded bakelite connectors in cadmium plated brass shells. Only 1 1/8" long, 1/16" diameter. Bakelite element held in place by set screw. When used with shielded cable, shield can be soldered to shell. Accommodates cables up to 1/4".

Male	Female	Cont.	Each
K13335	K13337	3	18c
K13336	K13339	4	20c
K13333	K13334	5	22c
K13338	K13340	6	22c

## Miniature Sockets & Plugs

These are interchangeable with the connectors listed above. The sockets are equipped with push-on mounting rings and can be used with above listed male plugs as well as the plain plug listed here. Similarly the plugs listed below can be used with the female connectors listed above.

Sockets	Plugs	Contacts	Each
K12700	K12708	3	8c
K12701	K12709	4	8c
K12702	K12710	5	10c
K12703	K12711	6	10c

## Shielded Sockets

Similar to sockets listed above but with shield. When used with shielded male connector listed at top of page a completely shielded connection is obtained. Easily mounted.

No.	Type	Each
K12704	3-contact	18c
K12705	4-contact	18c
K12706	5-contact	20c
K12707	6-contact	20c

## Hearing-Aid Sockets and Plugs

Sockets easily mounted by drilling three 3/8" holes in a row. Mtg. centers 1 3/4".

No.	Type	Each
K13227	2-pr. plug	6c
K13228	3-pr. plug	8c
K13234	4-pr. plug	9c
K13235	3 contact socket	13c
K13236	4 contact socket	15c

## Standard Speaker Plugs

1-piece molded bakelite. Solid construction; speaker cables easily wired.

No.	Type	Each
K11512	4 prong	6 1/2
K11513	5 prong	
K11514	6 prong	
K11515	7 prong	
K11516	8 prong	

## Bakelite Speaker Plugs

With Sure Grip Handles

Female		Male	
No.	Each	Prongs	No. Each
K11528	24c	4	K11532
K11529		5	K11533
K11673		6	K11678
K11674		7 L	K11679
K11675		7 S	K11680
K11676	8	K11672	18c

## Single Contact Microphone Connectors (Utilize Shell for Second Contact)

Used on over 90% of the microphones manufactured today. Pressure-type compact connectors for use with single conductor microphone cable. Contact is made when center soldered connections are pressed together by tightening coupling ring. Chrome-plated heavy drawn brass shells. Insulation special tissue-base laminated bakelite. Cable shield easily grounded through shell by soldering to cable protector. Accepts cables up to 1/4" diameter.



**Type MC1F—Female cord connector.**  
**K13359—(A). Your Cost 29c**  
**Type PC1M—Male chassis connector.** Same as MC1M but for chassis mtg.  
**K13361—(C). Your Cost 18c**  
**Type CL-PC1M—Closed circuit chassis connector.** Closes circuit automatically when mike is disconnected. (D)  
**K13268—Your Cost 24c**

## Phone Plug Adapter



Makes a standard phone plug out of the MC1F cable connector. No soldering or wiring required.  
**K13388—MC1P**  
**Your Cost 27c**

## Heavy Duty Multiple Connectors



Cadmium finished locking type shells with ring on male plug and matching thread on female cord connector and female chassis connector. Rubber gasket and cable clamp keep strain off plated brass prongs. Overall dimensions of cable connectors coupled: 3 1/4" L x 1 3/8" D. Chassis type (C) requires 1 1/2" mtg. hole. Shpg. wt. 1/2 lb.  
 Con- Female Male Chassis  
 tacts Conn. A Plug B Conn. C  
**8 K13491 K13492 K13269**  
**6 K13375 K13553 K13272**  
**5 K13376 K13554 K13273**  
**4 K13377 K13555 K13274**  
**Any of the above**  
**Your Cost Each 73c**

## Single Conductor Pin-Type Connector



Polished chrome, brass shell. Bakelite elements. Screw type coupling ring locks male and female. Shell may be utilized for 2nd conductor.  
**K13236—Male, with Ring. (B)**  
**K13287—Female, with Thread (A)**  
**Your Cost Each 38c**  
**K13288—Female (C) mounts in 3/8" hole.** Complete, for chassis mounting. **Your Cost Each 24c**

For other AMPHENOL items please refer to pages 124, 127, 168, 169, 171, 173, 176. We can furnish any AMPHENOL product made at our usual low prices.

## Speaker Plugs

Molded connectors designed to fit the standard tube sockets. Removable caps.

Stock No.	Prongs	Each
K11666	4	9c
K11667	5	
K11668	6	
K11670	7 S	
K11669	7 L	
K11671	8 octal	12c

## Microphone Switch



Attaches between male and female of any of the above connectors. Push-to-talk or slide switch for permanent connection.  
**K13357—MC1S**  
**Your Cost 59c**

## Polarized 4-Pole Heavy Duty Power Plugs



Underwriters approved. 4 extra heavy prongs rated at 15A-125V, or 10A-250V. Dirt and moisture proof. Cable clamp adjustable to 1/2". Connectors coupled—3" long x 1 1/8" diam. POLARIZED, with numbered contacts to facilitate wiring. Fully shielded. Male and female elements are interchangeable, so that male prongs can be kept at dead end of circuit. Shell may be used as fifth conductor.  
**K13314—Female (A) \$1.47**  
**K13316—Male (B) 1.47**  
**Panel receptacle (illus. "C")**  
**Female. Mounts in 1 1/4" hole. Has thread for male plug ring.**  
**K13320—Receptacle \$1.47**

## 2-Conductor, Pin-Type



Similar to those at left, but two parallel contacts for 2-conductor shielded cable and twisted pairs.  
**K13289—Female (A) Connector.**  
**K13290—Male (B) Connector.**  
**Your Cost Each 47c**  
**K13292—Female (C) Chassis connector, complete. Mts. in 3/8" hole.**  
**Your Cost Each 27c**

## Shielded—Locking Mike Connectors 3 & 4 Conductor

**MC Series**  
 With polarized shells. Can be used on 3/8"—27 stands. Locking ring on male, and cable clamps on both with spring cord protector. Bakelite elements interchangeable. Chrome plated brass shells. Coupled: measure 2 3/4" long x 3/8" diam. Chassis connector is female and fits 1 3/16" hole.

**K13489—3 contact Male plug (B).**  
**K13490—3 contact Female Connector (A).**  
**Either Above, Each 59c**  
**K13396—3 contact Chassis Connector for 1 3/16" hole (C).**  
**Each 29c**  
**K13488—4 contact Male plug (B).**  
**K13499—4 contact Female Connector (A).**  
**Either Above, Each 65c**  
**K13397—4 contact Chassis Connector for 1 3/16" hole (C).**  
**Your Cost Each 32c**

## Special Chassis Type

Similar to above, for thicker panels. Up to 3/4" for female, 3/8" for male. Recessed contacts. Male with coupling ring. Female threaded.  
**K13307—3 pr. Female 59c Ea.**  
**K13308—3 pr. Male 15c**  
**K13309—4 pr. Female 65c Ea.**  
**K13310—4 pr. Male 15c**

## Cable Connectors

Standard tube-base size connectors with shield caps. Rubber-grommet cable opening at end.

Female	Male	Contacts	Each
K11475	K11471	4	15c
K11476	K11472	5	15c
K11477	K11473	6	15c
K11478	K11474	7S	15c
K11491	K11490	8	15c
K11508	K11506	9	17c
K11509	K11507	11	21c

## Cable Connectors

Same as above but with cable opening at side. 1 1/4" D., 1 1/4" L.

Female	Male	Contacts	Each
K11586	K11579	4	15c
K11587	K11580	5	15c
K11588	K11581	6	15c
K11589	K11582	7S	15c
K11590	K11583	8	15c
K11591	K11584	9	17c
K11592	K11585	11	21c

## Locking Covers

Cover above connectors. Cadmium plated. 1 1/2 x 2 1/2".  
**K11479—Per Pair 15c**

## Terminal Boards

Tempered steel tinned contacts securely eyeleted on 1/2" centers on genuine Bakelite strips.

No. Clips	Ea.	No. Clips	Ea.		
K12890	2	6c	K12894	6	12c
K12891	3	7c	K12895	7	15c
K12892	4	9c	K12896	8	20c
K12893	5	10c			
K12887	Contacts only.			7c	
<b>Your Cost per 10</b>					
Pin Plug. Black insulated handle.					
K12886	Each			4c	

# MIKE CONNECTORS, JACKS and PLUGS

## Crystal Mike Cable



Flexible stranded tinned copper single conductor; tinned copper braided shield; cotton wrap and lacquered braid, rubber overall.

**K26842**—Per Foot..... **4c**  
**K16333**—50-Foot Roll..... **\$1.79**  
**K16334**—100-Foot Roll..... **3.25**

## 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.

**K16979**—Per Foot..... **5c**  
**K16271**—50-Foot Roll..... **\$2.25**  
**K16272**—100-Foot Roll..... **3.93**

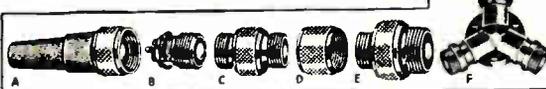
## 3 and 5 Conductor Shielded Cable



Three color-coded stranded conductors in tightly woven tinned copper shield. 1/8" outer covering of high-percentage rubber.

**K16145**—Per Foot..... **4 1/2c**  
**K16276**—50-Foot Roll..... **\$2.10**  
**K16207**—100-Foot Roll..... **3.95**  
 Similar to above, but 5-conductor.  
**K16190**—100 Feet **\$5.70**  
 Your Cost per Foot... **6 1/2c**

## Bruno "Baby" Cable Connectors



Smaller than standard mike connectors. Cable connectors supplied with rubber sleeve—takes cable up to 1/4" dia. Easy to attach—no sleeve or set screw required. Thread 1/8"-27.

- (A) Female cable connector.  
**K11761**—Your Cost Each..... **26c**
- (B) Chassis type, 1/8" hole.  
**K11762**—Each..... **15c**
- (C) Connects two cables with female connectors. Takes place of male conn. and cable.  
**K11763**—Each..... **32c**
- (D) To change male into female connector.  
**K11764**—Each..... **12c**
- (E) To join cable with standard (3-27) female connector to one with "baby" connector.  
**K11765**—Each..... **59c**
- 3-Way "Baby" Connectors (F)**  
**K11766**—3 Females  
**K11767**—2 Females and 1 Male  
**K11763**—1 Female and 2 Males  
**K11769**—3 Males  
 Each, Any Type..... **\$1.03**

## BELDEN Flexible X'stal Microphone Cable



Combination copper and phosphor bronze stranded conductor for extra strength. Tinned copper shield over conductor, live rubber covering overall. Type 8431, for phono pick-ups, has overall cotton braid.

Stock No.	Type	Out.	Cap.	Per	100'	Fo.
K20347	8400	215"	29	4 1/2c	3.67	
K20644	8401	245"	25	5c	4.19	
K20543	8421	260"	44	4c	3.30	
K20558	8411	155"	35	3c	2.65	
K20548	8431	160"	55	2c	1.57	
K20854*	8402	245"	32	6c	5.75	

\*—2-conductor, 26 gauge.

## BELDEN Shielded Rubber Mike Cable



20 Gauge tinned stranded conductors cabled, cotton wrapped, shielded, cotton wrap over shield, overall rubber sheath.

No.	Cond.	O.D.	Ft.	100 Ft.
K23876	2	.280"	5c	\$4.04
K20845	3	.280"	5 1/2c	4.41
K20877	4	.325"	7c	5.71

## Unshielded Cable

Like above, but no shield over conductors. .035" rubber sheath.

No.	Cond.	O.D.	Ft.	100 Ft.
K23910	2	.245"	2 1/2c	\$2.10
K20880	3	.265"	3c	2.59
K20881	4	.260"	4 1/2c	3.45
K20882	5	.320"	5 1/2c	4.41

## Microphone Switch



Die-cast case. Slide-contact switch. With cable strap and knock-out hole. Chrome finish. 3/8"-27 fittings.

**K11665**—Each **98c**

## Reducers and Swivels



Stock No.	Top Male	Bot. Fem.
K13347	1/2" pipe	5/8"-27
K13351	3/8"-27	1/2"-27
<b>Swivels</b>		
K13343	1/4" pipe	5/8"-27
K13345	3/8"-27	5/8"-27
K13346	1/2"-27	1/2"-27

Your Cost Each, Any Type Above..... **45c**

## Flexible Goose Necks



Can be used to make your own neckstand, desk stand, etc. Have 3"-27 threads on each end. Finished bright chromium. 3/8" dia.

**K11663**—12" length. Ea..... **98c**  
**K11664**—7" length. Ea..... **73c**



Nickel plated brass. Holds cable close to stand.

**K11661**—Each..... **6c**

## RUBBER CABLE LOOP



For stands up to 1 1/4" dia. Soft rubber.

**K11662**—Each..... **21c**

## Popular Phone Plugs



For 1 or 2 phone or speaker cords. Molded bakelite shell. 2 1/4" long x 3/4" diam. Crew connections.

**K14974**—Black  
**K14971**—Red. Each..... **17c**  
 10 For..... **\$1.69**

**Metal Shell Type**  
 Same with nickel plated brass shell 3/4"x3/4". 10 For **\$3.10**

**K14970**—Each **33c**  
 "Stubby" Metal Shell

As above but with short metal shell 2 1/4" overall. 10 For **\$2.65**.

**K14959**—Each **28c**  
**Midget Bakelite Plug**

Bakelite shell. 2 1/4" overall x 3/8" diameter. Solder lug connections.

**K14960**—Black **K14963**—Red  
 Your Cost 10 for **\$1.63**  
 Each..... **17c**

**Midget Metal Shell**  
 Same with metal shell 2 1/4" overall x 3/8" diam. **K14958**..... **28c**

## Improved Phone Plug



Bakelite shell. No screws to tighten, just insert tips and they're gripped. Has hole for strain loop.

**K13330**—Each **12c**  
 10 For..... **\$1.05**

## Flat Plug



Ultra-compact type, for where space is limited. Molded bakelite body. 1/16" dia. 1/2" thick.

**K14964**—Each..... **33c**

## Extension Cord Connector



Has 2 openings, at either end, for inserting two pin tips. Molded body.

**K13351**—Ea..... **6c**  
 10 For..... **75c**

## Jones Multiple Plugs and Sockets

A series of multiple contact plugs and sockets in both heavy duty (25 ampere) and standard duty (5 ampere) sizes. Cable type plugs and sockets have cable clamps. Chassis type have brackets—heavy duty type at ends—standard duty type at sides.



### TYPE A PLUGS

Standard Duty	Heavy Duty			
Stock No.	Your Cost	Stock No.	Your Cost	
K12460	20c	2	K12400	37c
K12461	22c	4	K12401	45c
K12462	26c	6	K12402	54c
K12463	29c	8	K12403	62c
K12464	33c	10	K12404	70c
K12465	36c	12	K12405	79c

### CHASSIS TYPE PLUG (C)

K12472	9c	2	K12426	27c
K12473	12c	4	K12427	31c
K12474	14c	6	K12428	35c
K12475	17c	8	K12429	39c
K12476	22c	10	K12430	43c
K12477	25c	12	K12431	48c

### TYPE B SOCKETS

Standard Duty	Heavy Duty			
Stock No.	Your Cost	Stock No.	Your Cost	
K12466	20c	2	K12412	43c
K12467	24c	4	K12413	50c
K12468	28c	6	K12414	61c
K12469	32c	8	K12415	71c
K12470	35c	10	K12416	81c
K12471	41c	12	K12417	91c

### CHASSIS TYPE SOCKET (D)

K12478	9c	2	K12406	30c
K12479	12c	4	K12407	36c
K12480	17c	6	K12408	42c
K12481	20c	8	K12409	48c
K12482	24c	10	K12410	54c
K12483	26c	12	K12411	60c

## Shielded 3 Way Microphone Plug



Barrel is made of nickel plated brass. Fully insulated bushing.

**K13519**—5 For **\$2.70**  
 Your Cost..... **59c**

As above but with bakelite barrel.  
**K13521**—5 For **\$1.80**  
 Your Cost..... **39c**

## Shielded 3 Way Jack



Phosphor bronze spring jack. Nickel plated brass shell.

**K13520**—Your Cost..... **59c**  
**K13522**—Jack, less shell.  
 Your Cost..... **18c**

## New! Locking Type Shielded Telephone Plug



Cannot be accidentally removed from its jack. With panel receptacle which replaces hex nut of present jack. Nickel finish.

**K13294**—2-Term. (Phone)..... **\$1.03**  
**K13295**—3-Term. (Mike)..... **\$1.32**



Bakelite insulation. 3/8" mtg. hole.

**K6548**—Closed circuit jack.  
**K6549**—Open circuit jack. 10 For **\$1.25**  
 Your Cost Each..... **14c**  
**K6550**—New Imp Short Jack. 3-circuit for 3-way plugs. Ea. **18c**

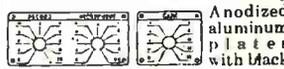
## Dial Plates



Etched aluminum and black dial plates, calibrated 0-10 in 300". 2 1/4" high by 1 1/4" wide, with four mounting holes.

**Plain** **Record**  
**Gain** **Microphone**  
**Tone** **Master Gain**  
 Specify marking desired.  
**K9904**—5 For **57c**. Each **12c**

## "Modern" Dial Plates



Anodized aluminum plates with black letters. Single and double.

**Single Plate**, 2 1/4"x2 3/4". Marked: Tone, Gain, Microphone, Increase (no figures, markings only), Volume, and Plain (no title—just 1 to 10). Specify marking desired.

**K10669**—Each..... **18c**

**Double Plate**, 2 1/4"x5". Marked: Tone-Gain; Record-Microphone; Mike 1-Mike 2. Specify marking desired.

**K12673**—Each..... **29c**

## IRC A-21 Attenuators 20-Step



Utilizes a molded motor commutator switch with conducting segments of drawn copper and clock-spring connector. Exceptionally low noise level. Potentiometer or ladder networks available. Attenuation from 0 to infinity in 21 steps. Has removable cover and calibrated dial. 2"x2"; centers 1 1/2" apart.

No.	Ohms	Network	Each
K7741	50	Ladder	\$6.86
K7742	200	Ladder	6.86
K7743	250	Ladder	6.86
K7744	500	Ladder	6.86
K7745	1/4 Meg.	Potent.	6.62

# Jensen SPEAKERS

## Series "S" Dynamics



Standard Replacements. All less output transformers (see listing under Series "S" PM), excepting No. K18977 which includes a 4500 ohm transformer to match 43, etc.

No.	Model	Size	Ohms	Each
K18955	H4-S	4"	450	\$1.35
K18957	H4-S	4"	3000	1.35
K18953	H5-S	5"	450	1.41
K18973	H5-S	5"	2750	1.41
K18977	H5-S	5"	3000	1.92
K18979	H5-S	5"	6 volt	1.41
K18900	H6-S	6"	2750	
K18981	H6-S	6"	1800 tapped at 300	\$1.65
K18932	H6-S	6"	6 volts	
K18933	F8-RS	8"	2500	
K18944	F8-RS	8"	1000	\$2.35
K18959	F8-RS	8"	1800 tapped at 300	
K18955	G10-RS	10"	2500	\$4.12
K18966	G10-RS	10"	1250	
K18937	G12-RS	12"	2500	\$4.70

## Series "S" PM Speakers



Rugged, compact speakers. 5", 6" and 8" speaker voice coils are 4 ohms impedance at 400 cycles; 10" and 12" speakers are 6ohms. Less output transformer.

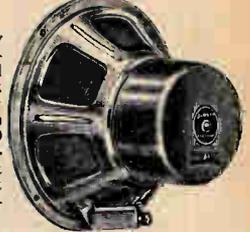
No.	Model	Each
K18960	PM4-FS, 4"	\$1.56
K18968	PM5-FS, 5"	1.59
K18969	PM6-ES, 6"	2.00
K18963	PM8-FS, 8"	2.23
K18970	PM8-DS, 8"	2.73
K18971	PM10-GS, 10"	4.41
K18972	PM12-GS, 12"	5.15

Universal Output Transformers For "A" Series "S" Speakers

No.	Type	For	Each
K18973	Line	PM & H 4, 5, 6, 8	53c
K18974	Tube	PM & H 4, 5, 6, 8	53c
K18975	Line	PM8 DS, FS	82c
K18976	Tube	PM8 DS, FS	72c

**NOTE: 10" and 12" speakers use transformers listed below.**

## JENSEN PM & Field Coil Dynamic Concert Speakers



Highly efficient heavy duty speakers widely used for Public Address and in high quality radio and phono applications. All types readily fit the KM Series Bass Reflex Enclosures. Standard Fidelity model have a range up to 4400 c.p.s.; High Fidelity models have a range up to 7500 c.p.s. All supplied with output transformer; suitable transformers listed at left. "B" models are slightly less efficient than "A" models; "C" models for standard radio applications.

WITH PERMANENT MAGNET						
No.	Model	Size	Watts	V.C. Imp.	Shpg. Wt.	Each
K19076	PM8-C	8"	8	6 ohms	5 lbs.	\$5.00
K19088	PM10-C	10"	9	6 ohms	7 lbs.	6.17
K19092*	PM12-C	12"	10	6 ohms	8 lbs.	7.35
K19011*	PM12-B	12"	14	8 ohms	12 lbs.	14.70
K19095*	A12-PM	12"	15	8 ohms	18 lbs.	20.43
K19799*	PM-16B	16"	15	8 ohms	16 lbs.	17.64
K19098*	A15-PM	15"	17	8 ohms	22 lbs.	22.79

\*High fidelity. †Standard fidelity.

WITH FIELD COIL							
Stock No.	Model No.	Size In.	Cap. Watts	Field Ohms	V.C. Imp.	Shpg. Wt. Lbs.	Your Cost
K19068*	A-12	12"	15	860	8 ohms	21	\$10.14
K19070*	A-12	12"	15	2500	8 ohms	21	10.14
K19014*	B15-X	15"	15	1250	8 ohms	16	10.73
K19015*	B15-X	15"	15	2500	8 ohms	16	10.73
K1913*	A-15	15"	17	2500	8 ohms	20	13.52

\*High fidelity.

## Universal Matching Transformers

Match the above speakers to any output tubes, single or push-pull, or to universal line (500, 1000, 1500 and 2000 ohms). Shpg. wt. 4 lbs.

No.	Type	For Speakers	Each
K19022	Univ. Line	PM-10C, PM-12C, PM-8C, G12RS, PM12GS }	\$1.32
K19023	Univ. Tube	PM-10C, PM-12C, PM-8C, G12RS, PM12GS }	
K19021	Univ. Line	A12-PM, B15X, PM15B, PM12B }	\$1.62
K19025	Univ. Tube	A12-PM, B15X, PM15B, PM12B }	
K19025	Univ. Line	A15-PM, A-15	\$2.20
K19027	Univ. Tube	A15-PM, A-15	
K18961	Univ. Line	C8-RS, C10-RS, C12-R, PAH-8	\$1.32
K18965	Univ. Tube	C8-RS, C10-RS, C12-R, PAH-8	
K18966	Univ. Line	PM10-GS, G10-RS	82c
K18967	Univ. Tube	PM10-GS, G10-RS	73c
K18961	Univ. Line	M-18, HF-18, PMJ-18	\$6.76
K18962	Fixed	500 ohm line M-18, HF-18, PMJ-18	\$2.74

## PERI-DYNAMIC Reproducer

Model 3009: Enclosed type for flush mounting. Consists of a "PM8-C" speaker and a heavy wood cabinet finished in black lacquer and natural walnut. Panel 12 1/4 x 16 1/2". Directs sound downward at an 18 degree angle. Excellent performance. Ideal for centralized radio systems. Less input transformer (6 ohm voice coil). Shpg. wt. 15 lbs. **\$10.88**

**K19796 - Your Cost \$10.88**  
**K19102 - PERI-DYNAMIC \$5.88**  
 Cabinet only. Your Cost



## JENSEN Model KM Peri-Dynamic Enclosures With Bass Reflex



Improved speaker housings providing finer reproduction than that offered by "infinite" baffles. Incorporate both "Peri-Dynamic" and "Bass Reflex" features, insuring crisp, clear reproduction of all notes. Made solidly of 1/2" plywood. Finished in double coat of rich brown lacquer. Shipped knocked down, all hardware furnished.

Stock No.	For Speakers	H.	W.	D.	Lbs.	Your Cost
K18994	8"	24 1/2	17 1/2	x11 1/4	27	\$10.35
K18995	10"	28	x21	x12 1/2	33	12.82
K18996	12"	30 3/4	x23 3/4	x12 3/4	47	14.82
K18997	15"	33 1/2	x25	x13 3/4	67	17.20
K18999	18"	35	x27 3/4	x15 3/4	85	25.04

## Model MT-8 High Fidelity Speaker

Excellent For Frequency Modulation

Recommended for all applications where substantially flat response is required from about 50 to 10,000 c.p.s. Such performance is ideal for broadcast stations, auditorium work, for high quality home receivers and phono combinations and for Frequency Modulation receivers. The MT enclosure contains a high fidelity 8" PM speaker that handles 6 watts continuously. Voice coil impedance 6 ohms at 400 cycles. The cabinet measures 24x17 1/2 x 11 1/4". For floor or wall mtg. (brackets furnished).

**K18947 - Enclosure complete with PM speaker. Shpg. wt. 32 lbs. \$17.34**

**K18943 - 8" PM Speaker Only (PM8CT). Your Cost \$5.29**  
**K18949 - 8" Dynamic with 2500 ohm field (G8RT). Each \$4.00**



## Model MT-12 Speaker - 10 Watts

Comprises a model PM12-CT 12" PM speaker that handles 10 watts continuously, mounted in model BR-121 enclosure. Similar to above, but for use where greater power handling ability is required. Cabinet size: 30 3/4 x 23 3/4 x 12 1/2".  
**K19701 - Shpg. wt. 60 lbs. Your Cost Complete \$25.58**  
**K19700 - PM12-CT 12" PM Speaker only. Wt. 10 lbs. Each \$8.53**

## Peri-Dynamic Projector and Speaker

**SPH-61.** Steel projector employing the Peri-Dynamic principle. Speaker enclosure is entirely enclosed—sealed to bulkhead with neoprene gasket. The PAH-8 driver speaker handles 15 to 25 watts. It employs a heavy permanent magnet and has a 7" diaphragm and 1 1/2" voice coil (no transformer supplied). Overall response from 110 to 5500 c.p.s., especially good in middle register. Assembly is weatherproof. Cast metal stand available; fully adjustable. Overall length 30"; bell 24 1/2".

**K19004 - Projector with speaker. Less stand. Wt. 35 lbs. \$30.58**  
**Each \$9.41**  
**PAH-8 Speaker only. \$9.41**  
**K19050 - \$9.41**  
**Each \$9.41**  
**EA-5 Stand only. \$2.94**  
**K19005 - Each \$2.94**  
**ST-570 - Weatherproof cover for projector bell.**  
**K19041 - Your Cost Each \$1.18**

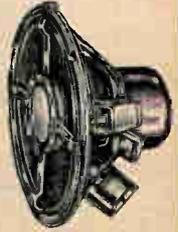


## NEW! JENSEN

### "Concentric" Dual Speakers

**Type J:** New dual unit speaker group comprising a 15" "woofer" with "H" magnet and a cone type high frequency "tweeter" with filter network all assembled in one unit 15" O.D. and 8 1/2" deep. Crossover at 2000 c.p.s. Range, in bass reflex cabinet, is from 35 to 15000 c.p.s. Network impedance 600 ohms. Shpg. wt. 25 lbs.  
**K19002 - Less transformer \$27.34**  
**Your Cost**

**In "KM" Enclosure**  
**Type JMT-15:** Above unit mounted in K18998 KM enclosure (shown at left).  
**K19003 - Shpg. wt. 75 lbs. \$46.45**  
**Your Cost Each**



# Public Address Horns and Baffles

## "8 Ball" Speaker Baffles



A new type baffle for use where directional sound is required. Projects beam at 45° angle. Silver lacquered steel. Speaker response goes

down to 60 c.p.s. Mounting ring supplied. **Supplied less speaker.**

Stock No.	Spkr. Size	Bell Dia.	Lbs.	Wt.	Your Cost
K24000	6"	9 1/2"	4		\$4.41
K24001	8"	12"	6		\$5.29
K24002	10"	14"	9		7.06

## RACON Midget Speaker



Marine type waterproof speaker of reflex design. For installation anywhere, indoors or out. Invaluable where speaker must be inconspicuous.

10 1/2" bell diam. Overall depth 8". Heavy aluminum bell. Grey finish. Bullet insert of Racoon acoustic material. Powerful 5" PM cone type speaker. 5 watts capacity. 6 ohm voice coil. Wt. 4 lbs. **K20072—Complete Your Cost \$6.17**

## Kainer De Luxe All-Steel Projector

Constructed of heavy spun steel alloy and will accommodate all types of 12" speakers with or without transformers. Rear housing has back pressure release. Overall length, 20"; bell, 17"; flare extension, 11". Screened breather opening. Finished in baked art metal grey. The fixture to which the lower bracket or extension can be attached is welded to the baffle. Fixture is tapped to fit standard 1/2" pipe. Bracket, which is obtainable separately, has a tilting dog-toothed adjustment with swivel and lock nut. Shpg. wt. 9 lbs.



**K20077—Model J-12 Your Cost (less bracket) \$7.20**

**K20078—Bracket only. Your Cost \$1.47**

## ECONOMY Parabolic Baffles

New improved models that are unusually low in price yet highly efficient. Bell is of standard gauge aluminum, 10" long and has an extreme diameter of 17". Speaker housing is of heavy steel and large enough to house any 12" speaker and output transformer. Overall length 20". Shpg. wt. 7 lbs.

**K20040—Less Mounting Fixture \$4.25 Your Cost**

**All Steel Model.**—Same as above but with steel bell and steel housing. Same dimensions. Shpg. wt. 9 lbs. **\$5.25 Your Cost**

**K20054—Your Cost Mounting Fixture.**—As illustrated, for mounting speakers anywhere. Has 8" base. Is 1 1/4" high. Black lacquer wrinkle finish. Shpg. wt. 6 lbs. **\$1.95**



**Saddle and Swivel.** As above less base and pipe **\$1.10**  
**K20097—Your Cost**  
**Waterproof Cover.** For baffles above. **69c**  
**K20087—Your Cost**

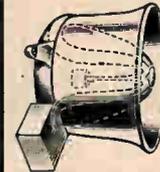
## RACON Paging Horn



A small, extremely efficient 2-foot trumpet horn for use where highly concentrated sound must override high noise levels, as in factories, outdoors, etc. Uses a small very efficient PM unit with 15 ohm voice coil. Horn of Racoon acoustic storm-proof material. Cast aluminum tone arm. Overall length 29". Shpg. wt. 4 lbs.

**K24004—Complete horn with 5 watt PM unit. \$23.52 Your Cost**

## RACON Hi-Power Miniature Marine Speaker



Miniature re-entrant type horn. Bell diam. 6 1/4", depth 4 3/4". Uses powerful Racoon driver unit. Cut off 500 cycles. Ideal for small space where

high efficiency is required for voice reproduction and where high noise level must be overcome. Wt. 7 lbs. **K21330—Complete \$16.17**

## KAINER "Far-Throw" Trumpet



Especially effective where a great deal of sound must be projected over a large area in a particular direction, with minimum of feedback. Excellent for use with mikes under conditions where ordinary baffles would be useless. Of heavy spun steel alloy, will withstand 300 lbs. Overall length 36"—bell opening, 24". Designed for 8" cone unit. Bracket with swivel available extra. Wt. 9 lbs.

**K20079—Model AC-8 Your Cost (less bracket) \$20.46**

**Special High Power 8" Cone Unit.**—For above Trumpet. 8 ohm voice coil. 31 oz. PM magnet. Rated at 15 watts. **\$6.22 Your Cost**

**K20080—Less transformer. Shpg. wt. 7 lbs. \$24.95 Your Cost**

**Both Trumpet and Unit When Purchased Together, Your Cost \$24.95**  
**Mounting Bracket.**—Consists of base, pipe and adjustable dog-toothed swivel. Shpg. wt. 5 lbs. **\$1.98**  
**K20081—Your Cost**

## KAINER Weather-Proof All-Steel Baffle

An ideal unit for use in unsheltered outdoor locations or indoors where its extreme compactness is of great advantage. Incorporates many new and valuable features. Especially suitable for use with mobile equipment such as sound trucks, police cars, fire cars and boats. Both bell and housing are spun of heavy gauge steel alloy, light in weight, yet extremely strong. All parts finished with durable baked enamel. Bracket attachment welded to horn, as illustrated. Designed for use with 8" speaker. Bell opening 22 3/4", overall length 17 3/4", height from base 27". Speaker faces inside averting possible damage. Complete with mounting base. Shpg. wt. 25 lbs.



**K20046—Model WH8, less Cone unit. \$18.14 Your Cost**

**Special heavy duty 8-inch PM speaker rated at 15 watts normal, 18 watts peak, for use in above baffle. \$6.22**

**K19347—Shpg. wt. 7 lbs. Your Cost \$22.95**  
**Special Combination—K20046 and K19347**

## RACON "Storm Proof" Marine Horns



For 8" and 12" Cones For all outdoor and indoor applications. Re-entrant construction. Heavy aluminum bell, finished in battleship grey. Bullet insert of Racoon acoustic material. All speaker mounting hardware supplied. Cone speaker mounts on heavy aluminum casting. Eliminates vibration. **Less adjustable bracket.**

**K20096—For 8" speakers. 13" long; bell opening 18". Shpg. wt. 10 lbs. \$9.11 Your Cost, Horn only**

**K20099—For 12" speakers. 16" long; bell opening 23". Shpg. wt. 14 lbs. Horn Only. \$16.46 Your Cost**

**Adjustable Mounting Bracket. Shpg. wt. 12 lbs. \$2.65**

**K20067—8" Bracket. Ea. \$2.65**

**K20069—12" Bracket. Ea. \$2.94**

**NOTE: We can supply any not listed here at discounts of 40% and 2% from manufacturer's list price.**

## University Reflex Projectors

### With Rubber Tire Rims

Ultra high-efficiency exponential air-column type projectors. Feature one of the few basic improvements in design of acoustic reproducers in years. Results in improvement of entire frequency range. Ultra compact and extremely simple to install. True exponentials. Heavy-gauge all-metal spun horn. All units finished in battleship grey. Non-resonant "rubber-tire" rim. Easily handles 25 watts. All supplied with Universal "U" mounting bracket. Less Driver Unit.



Stock No.	Type	Bell	Length in Ins.		C.P.S. Cutoff	Proj. Angle	Shpg. Wt.	Your Cost
			Actual	Acoustic				
K24005	SMH	14"	12	32	180	75°	7 lbs.	\$9.11
K20049	PH	21"	16	42	140	80°	9 lbs.	12.35
K20047	LH	25"	21	54	115	90°	12 lbs.	19.99

## University Driver Units



Built to the highest standards of electrical and mechanical tolerances; of finest quality materials. Feature: Rim-centering for permanent alignment and greater efficiency; breakdown proof diaphragm suspension; heat-dissipating voice coil; sealed diaphragm construction makes entire rest of unit waterproof; **Alnico magnets.**

**Standard 25-watt unit.** Type SAH. Range 70-5000 cps. 15-ohm impedance V.C. 2-lb. Alnico magnet. Standard thread fits all horns above and all other standard horns. Shpg. wt. 6 lbs. **\$17.64**

**K21301—List \$30.00. Your Cost**

**Heavy Duty 25 Watt-Unit—Model PAH** Relative acoustic output, 93. Has 4-lb. Alnico magnet. Frequency range 60 to 5500 c.p.s. List Price \$45.00. **\$26.46**

**K21302—Shpg. wt. 10 lbs. Your Cost**

## Collapsible Floor Stand For Parabolic Baffles



Light weight and fine appearance. Telescoping sections are of seamless steel tubing. Clutch permits quick and simple adjustment from 46" to 78". Black enamel finish. Rubber-tipped legs. Shpg. wt. 15 lbs. **K20059 Stand Only \$5.95 Your Cost**

## Car-Top Horn Carrier



Consists of rugged select maple platform with sturdy angle irons secured to four large suction cups. Doubly secured by straps anchored to drip rail and over doors by rubber covered hooks. For car tops not wider than 41 1/2". Shpg. wt. 9 lbs. **K20085—\$4.09 Each**

# Public Address Horns and Baffles



## Lafayette WALNUT BAFFLES

Where the finest type of furnishings are required no better baffle can be found than this new Lafayette walnut model. Built of beautiful hardwood veneers and hand polished to a "piano" finish it is truly a thing of beauty. It will enhance rather than detract from the appearance of the finest ball room or auditorium. It is large enough to accommodate large 12" speakers and to provide ample baffle area. 22" high; 19" wide; 11 1/2" deep at top; 4 3/4" deep at bottom. Hdwr. furnished. Wt. 18 lbs. **Your Cost \$5.95**

Larger Area Provides Excellent Brass Response

**K20021—De Luxe Model. Your Cost \$5.95**

**Economy Model**—Where a smaller, lighter, and not so highly polished baffle is desired this model will be found ideal. It is built of wood veneers finished in walnut. Overall dimensions are: 15x14x10" deep at top; 4 1/2" deep at bottom. Designed for use with the average 12" speaker. Complete wall mounting hardware and instructions furnished. Shpg. wt. 10 lbs.

**K20019—Economy Model. Your Cost \$3.90**

## UNIVERSITY One Piece Non-Resonant Parabolic



For 12" cone speakers. Seamless one-piece super strength construction. No joints to rattle or vibrate. Giant bell for "lows" and wide-angle coverage. Floating rubber cone speaker mounting. Universal "U" bracket. Rubber tired rims. Oversize breather. Bell diameter 24", length 19". Shpg. wt. 10 lbs.

**K24006—Model SP12 \$9.12**  
**Your Cost**

## UNIVERSITY Radial 360° Projectors



Non-resonant conespeaker projector designed to give uniform coverage in all horizontal directions (360°). Projection angle is about 15° down, so as to effectively place the sound where most needed. Features: All-Metal weatherproof construction, for outdoor use; non-resonant "rubber-tire" rims; back pressure "breather". Ceiling suspension rings supplied. Overall height 15" bell 27". For 12" cone speakers. Shpg. wt. 15 lbs. Less Speaker. **K20057—Your Cost \$13.23**

## Walnut Paging Baffles



**6" Model**. A beautifully polished walnut baffle especially designed for deluxe paging system installations. Will accommodate any standard 6" PM speaker. Has frieze grille cloth. Size: 8 1/2" high, 7 1/2" wide, 4 3/4" deep at top and 2" deep at bottom. Complete with hardware. Shpg. wt. 3 lbs. **K20025—Your Cost \$1.90**

### 8-Inch Model

Similar to the above, but for any 8" PM speaker. Size: 11" high, 10" wide, 6 1/2" deep at top and 3 1/2" deep at bottom. With hardware. Shpg. wt. 6 lbs. **K21326—Your Cost \$2.45**

## Lafayette



## Fabrikoid Wall Baffles

Efficient enclosed speaker baffles that have correctly angled front faces to provide coverage over a wide area when mounted at the usual height above floor. Can also be placed on the floor or stage to direct sound up. Two types available: **STANDARD**: made of hardwood with brown leatherette covering; **DELUXE**: selected hardwood veneers with covering of Spanish grain brown leatherette and with inner lining of sound-absorbing material which reduces baffle resonance and feedback. (Grille bars on 10" and 12" models, only, both Standard and DeLuxe.)



### STANDARD MODELS (Left)

Stock No.	For Speak.	Size H. W. D.	Your Cost
K20060	6"	8 1/2 x 7 1/2 x 4 1/2"	\$1.25
K20063	8"	10 1/2 x 9 x 6 1/2"	1.45
K20064	10"	14 x 12 x 8 1/2"	1.70
K20066	12"	15 x 14 x 10"	1.95

### DELUXE MODELS (Right)

Stock No.	For Speak.	Size H. W. D.	Your Cost
K20042	8"	10 1/2 x 9 x 6 1/2"	\$1.90
K20055	10"	14 x 12 x 8 1/2"	2.95
K20056	12"	15 x 14 x 10"	3.75

\*—Supplied with mtg. hardware.

## CINAUDAGRAPH Air-Column Units and Horns



CINAUDAGRAPH air column sound projectors are entirely different from the conventional exponential horn unit. The high power construction of these units is made possible through the use of rugged Fernalnic magnets, ribbon voice coils, Acim voice coil supports and other laboratory refinements. Horns of spun aluminum are in two sections; easy to transport. Stand and bracket are black crackle finished.

### EXPONENTIAL HORNS FOR AIR COLUMN UNITS

Stock No.	Type	Used With	Bell Diam.	Overall Length	C.P.S. Cutoff	Your Cost
K20089	X	CM-25—CM-30	24"	28"	150	\$18.82
K20090	U	CM-40—CM-60	24"	20"	200	14.41
K20091	W	CM-40—CM-60	32"	30"	150	31.16

### AIR COLUMN UNITS

Stock No.	Type	Peak Watts	Normal Watts	V.C. Diam.	V.C. Ohms	Your Cost
K19394*	CM-25	80	20	1 1/2"	6-8	\$11.76
K19385	CM-30	35	25	1 1/2"	6-8	18.23
K19386	CM-40	45	35	2 1/2"	6-8	32.93
K19387	CM-60	65	55	3 1/2"	6-8	53.70

\*—Not illustrated.

### Handles with Supporting Brackets

No.	Type	Description	Each
K19388	F	Handle and supporting bracket for X horn	\$2.06
K19389	H	Handle and supporting bracket for U horn	2.65
K19390	S	Handle and supporting bracket for W horn	3.38
K20204	B	Black crackle adjus. stand, cast base	10.29

## CINAUDAGRAPH Radio and P. A. Speakers



**Receiver Speakers** feature: high quality magnet structures, rugged design, dust covers, moisture-proof centering. Also suitable for portable P. A., centralized radio, auto sets, etc.

**Public Address Speakers**, finest PM speakers available, feature: high power handling ability, excellent frequency response, high-efficiency

Fernalnic magnets, ribbon wire ACIM voice coils on larger units, poly-fibrous cones.



### RADIO RECEIVER SPEAKERS

Stock No.	Type	Housing Diam.	Normal Watts	Peak Watts	V. C. Diam.	V. C. Ohms	Lbs.	Your Cost
K19375	RM-5-3	5"	2	5	3/4"	6-8	2	\$1.62
K19374	RM-6-4	6 1/2"	2	6	3/4"	6-8	3	1.91
K19373	RM-8-6	8"	4	9	3/4"	6-8	4	2.65
K19363	RM-10-6	10 1/2"	4	10	1"	6-8	5	3.41
K19362	RM-10-9	10 1/2"	6	13	1"	6-8	6	4.85
K19351	RM-12-11	12"	8	16	1"	6-8	6	5.14

### PUBLIC ADDRESS SPEAKERS

No.	Type	Diam.	Watts	Lbs.	Your Cost
K19376	PM-5-5	5"	5	5	\$2.35
K19377	PM-6-7	6 1/2"	5	7	2.50
K19378	PM-8-9	8"	6	9	3.07
K19379	PM-8-11	8"	8	11	3.97
K19380	PM-10-10	10 1/2"	7	10	5.00
K19381	PM-10-12	10 1/2"	9	12	5.88
K19391	PM-12-16	12"	18	16	10.88
K19382	PM-12-18	12"	15	18	16.17
K19377	PM-15-18	15"	15	18	17.64

## CINAUDAGRAPH Linear Standard PM Speakers

High fidelity speakers with curvilinear cones and 6-8 ohm voice coils. Low distortion. Highly efficient Fernalnic magnets.

No.	Type	Diam.	Watts	Lbs.	Your Cost
K19412	LM8-8	8"	8-10	8	\$5.88
K19413	LM12-13	12"	13-18	12	12.35
K19414	LM12-15	12"	15-20	17	16.17
K19415	LM13-22	13 1/4"	22-25	23	32.52

## CINAUDAGRAPH Woofer-Tweeter Unit



The ideal speaker for FM, Broadcast Monitor or other high fidelity service. The UTC Telephere baffle is a revolutionary development in speaker baffling. Its smooth contours prevent in-

ternal cabinet corner reflections. No reflexing is used in this infinite baffle. The spun metal sphere is finished in brown crackle. The front is of 5-ply veneer finished light brown. Complete with metal base. **Type HC-15** is a complete unit incorporating a specially designed 12" 15-watt PM "Woofer", a type LM-5-15T "Tweeter" and a CN-1500V crossover network. Will match 6-8 ohm output. Overall dimensions: 36x40x16 1/2" deep. Shpg. wt. 85 lbs. List \$127.50

**K24007—Each \$74.97**  
Telephere Baffle only less speakers. Regularly supplied with hole for 12" woofer—if other size hole is required specify size on your order. Shpg. wt. 47 lbs.

**K24008—Each \$33.81**

**Type WM-13-23**. Heavy duty 13" 23-watt woofer. Shpg. wt. 32 lbs.

**K19416—Your Cost \$35.28**

**Type WM-18-30**. Heavy duty 18" 30-watt woofer. Shpg. wt. 43 lbs.

**K19417—Your Cost \$59.40**

**Type LM-5-15T**. Fully enclosed tweeter. Use 1 for 15-watt woofer, 2 for 20 to 30-watt. Response to 17,000 cycles. Shpg. wt. 9 lbs.

**K19418—Your Cost \$14.70**

**Type CN-1500V**. 1500 cycle crossover network for use with LM-5-15T and a low frequency woofer. Matches 6-8 ohm amplifier output. Shpg. wt. 5 lbs.

**K19419—Each \$7.35**

## Racon 360° Radial Projector



Lower bell made of special non-metallic Racon acoustic material. Upper bell of heavy gauge steel. Height 14", bell 31". Take 10" or 12" cone units. Shpg. wt. 15 lbs. **Radial Projector only, Less Speaker.**

**K20038—Your Cost \$16.17**

# Public Address and High Fidelity Speakers

## LAFAYETTE 12" PM Dynamics

These highly efficient PM speakers utilize the latest type magnets to insure extremely fine quality. Will handle great audio output without distortion; in listing below, first number indicates normal wattage rating, second number peak wattage (10-15 watts means 10 watts normal, 15 watts peak). Frequency response covers the entire audible range. Construction features include: plated metal frames, ruggedly assembled; dust-proof magnets covered by removable pressed fibre housings. Ideal for P.A. Systems, fine radios, centralized systems, etc. **Less transformers.**



**Model P12E, 10-15 WATT SPEAKER**  
K19222—1" diam. voice coil, imp. 6-8 ohms. 12 oz. mag. **\$3.95**  
Shpg. wt. 7 lbs. **Your Cost Each**

**Model P12E, 13-20 WATT SPEAKER**  
K19227—1" diam. voice coil, impedance 6-8 ohms. 20 ounce magnet **\$6.67**  
Less transformer. Shpg. wt. 9 lbs. **Your Cost Each**

**Model P12F, 16-24 WATT SPEAKER**  
K19228—1 1/4" voice coil, 6-8 ohms impedance. 31 ounce magnet. **\$7.41**  
Less transformer. Shpg. wt. 11 lbs. **Your Cost Each**

**Model P12G, 18-26 WATT SPEAKER**  
K19224—1 1/4" voice coil, 6-8 ohms impedance. 46 ounce magnet for high conversion efficiency. Shpg. wt. 13 lbs. **\$9.80**  
Your Cost Each, Less Transformer

**Model P12GS, 23-30 WATT SPEAKER**  
K19198—1 1/4" diam., voice coil, 6-8 ohms impedance. 64 ounce magnet. Response 60-7,500 c.p.s. **\$12.95**  
Shpg. wt. 15 lbs. **Your Cost Each, Less Transformer**

**Model P12H, 22-33 WATT SPEAKER**  
K19218—1 1/4" diam. voice coil, impedance 6-8 ohms. 112 ounce magnet. Most powerful of its type. Response 50-8000 c.p.s. Shpg. wt. 15 lbs. **\$14.75**  
Less transformer. **Your Cost Each**

## LAFAYETTE 15" PM Dynamic

**Model P-15H.** Handles a steady power input of 26 watts, and peak power inputs of 39 watts. Voice coil 1 1/2" in diameter, impedance 8 ohms. Employs a massive 7 lb. magnet. Excellent for Public Address, Theatre sound, or De Luxe receiver. Shpg. wt. 19 lbs. **\$17.38**  
K19200—Your Cost

## LAFAYETTE Frequency Modulation Speakers



Range: 8" unit up to 12,000 c.p.s., others up to 10,000 c.p.s. 1" voice coils, 8 ohms impedance. All have 20 oz. magnets. **Less transformer.**

Stock No.	Dia. In.	Cap. Normal	Watts Peak	Shpg. Lbs.	Your Cost
K19316	8"	10	15	5	\$5.40
K19317	10"	11	17	6	6.35
K19318	12"	13	20	7	7.92

K19194—Universal Tube Transformer.....Each 75c  
K19190—Univ. Line Trans. (500/1000/1500/2000 ohms).....Each 75c

## LAFAYETTE 12" Concert Dynamics

**Model 12F.** Ideally suited for public address work of all types. The 12-inch speakers will handle 12 watts continuously, 18 watts peak. Excellent frequency response from 60 to 8,000 c.p.s. (with proper baffling). Pressed paper cone. Full 1 1/4" voice coil with latest design spider suspension. Impedance 8 ohms at 400 c.p.s. Heavy steel frame, black enamel finish. Terminal strip on back, fully shielded. Recommended field current, 12 watts. **All supplied less transformer.** Shpg. wt. 13 lbs.  
K19237—With 2500 ohm field. **\$5.75**  
Your Cost Each



Same as above, but without mounting base. Shpg. wt. 11 lbs. **\$5.45**  
K19214—Your Cost Each

## LAFAYETTE 15" Concert Dynamics

**Model 15G.** For heavy duty P.A. and high fidelity job. Identical in appearance with the illustrated model above (including the metal stand-base). Will handle a normal wattage of 22, peak watts 33. 1 1/2" inch voice coil. **Furnished less transformer** (listed below). Have 4 ohm voice coils. Shpg. wt. 21 lbs.  
K19309—Type 15G. 2500 ohm. **\$9.75 each**  
K19310—Type 15G. 5000 ohm.  
NOTE: Above speakers are built by large speaker manufacturers to LAFAYETTE'S exact specifications.

## Universal Line and Tube Transformers

For Speaker	Line Transf.	Tube Transf.	Each
212, P12E.....	K19199	K19194	\$0.75
2F, 12FB, 12FG, P12G.....	K19191	K19195	.89
P12GS, P12H, 15G.....	K19192	K19196	1.10
P15H.....	K19193	K19197	1.10

**NOTE:** The Universal transformers listed above are for use with all Lafayette Speakers listed on this page. UNIVERSAL Tube transformers match voice coil to any tube, single or p.p. UNIVERSAL Line transformers match voice coil to 500, 1,000, 1,500 or 2,000 ohm line. Average shpg. wt., each, 2 lbs.

## UTAH "BAFLEX" Speakers



These newly designed "Baflex" reproducers offer the latest developments in bass reflex research. They feature complete absence of "back radiation" and the bass response is entirely free from distortion. An exceptionally wide range of frequencies is covered, from 40 to 9500 c.p.s., assuring brilliant reproduction. Ideal for use where fine performance is desired. Housed in beautiful, extra sturdy hardwood cabinets that are finished in two-tone satin-bronze. Modern in design, they combine fine performance with true beauty of appearance. Shipped completely assembled. **Voice coil impedance 8 ohms.**

Stock No.	Model No.	Dia. In.	Magnet	Cap. Normal	Watts Peak	Dimen. In.	Wt. Lbs.	Your Cost
K19341	M-820	8"	20 oz.	10	15	1 1/4 x 17 3/4 x 24	38	\$17.35
K19342	M-831	8"	31 oz.	12	18	1 1/4 x 17 3/4 x 24	40	19.70
K19343	M-123	12"	46 oz.	17	26	1 3/4 x 22 3/4 x 31	52	26.17
K19344	M-127	12"	7 lbs	22	33	1 3/4 x 22 3/4 x 31	57	34.98
K19345*	FM-820	8"	20 oz.	10	15	1 1/4 x 17 3/4 x 24	38	18.67
K19346*	FM-1220	12"	20 oz.	13	20	1 3/4 x 22 3/4 x 31	49	24.11

\*Have extended range to 12,000 c.p.s. Ideal for FM sets.

## UNIVERSAL TUBE AND LINE TRANSFORMERS

For above units. Universal tube type matches voice coil to any single or p.p. tubes; line trans. for 500, 1000, 1500, 2000 ohms.

For Speaker Model	Line Trans.	Tube Trans.	Each
M-820, FM-820, FM-1220.....	K19190	K19194	\$0.75
M-831.....	K19185	K19186	.89
M-123.....	K19191	K19195	.89
M-127.....	K19192	K19196	1.10

## UTAH Bi-Directional Speakers



Especially designed for call or paging systems in factories, hotels, clubs, etc. Latest design and construction features. Units in molded, non-metallic housings 9 1/2 x 5"; have swivel joint brackets to assure proper mounting. Excellent response for voice. Cone dia. 8"; 3/4" voice coils; 12 oz. magnet. Normal wattage 8, peak 12. Shpg. wt. each 7 lbs.

**K19339—Mode. W-800.** With line transformer. 1 to 8 units can be connected across 250 or 500 ohm line. Transformer tapped for 500, 1000, 1500 and 2000 ohms.  
**K1934J—Model W-801.** With transformer for connecting 9 to 20 units across 250 or 500 ohm line; tapped for 2500, 3750, 4000 and 4750 ohms. **\$6.32**  
Either Type Above, Each

## CENTRALAB FADERS



**Straight Fader**  
For use with high impedance input devices, xtal pickups, mikes, etc. Provide smooth quiet fading from one source to another.

Each tapped at center.  
Stock Resistance No. Each Side c.t. **Your Cost**  
K9004 500M **\$1.18**  
K9005 1 Meg.

## Gain Control

Like above but without center tap.  
Stock No. Resistance **Each**  
K9000 250M **\$1.03**  
K9001 500M  
K9002 1 Meg.  
K9003 2 Meg.

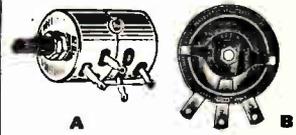
## "Delta-T" Pad

Dual control maintaining constant impedance to both sides. For sound amplifiers, recorders, etc.



Stock No.	Imp.	Each
K9006	50 ohms	<b>\$2.06</b>
K9007	200 ohms	
K9008	500 ohms	

## UTAH "T" & "L" Pads



The open frame type mounts in a single 3/16" hole. Dimensions 2 1/4" diameter, 2 1/2" deep. 10 and 15 watt pads are supplied in open frame type. 8 watt pads are all enclosed dual frame type, 1 1/2" diameter and 1 1/2" deep.

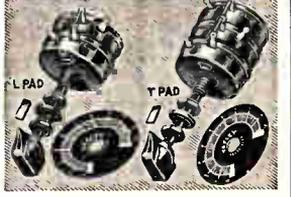
8 Watt "L" Pads (A)			
No.	Ohms	No.	Ohms
K6388	8	K6391	200
K6389	16	K6392	500
K6390	50	K6393	1000

**Your Cost Each, \$1.47**  
Any Above Type

15 Watt "L" — 10 Watt "T" (B)			
Imped.	15W.—"L"	10W.—"T"	
Ohms	Stock No.	Stock No.	
8	K6567	K6571	
16	K6568	K6572	
50	K6394	K6396	
200	K6395	K6397	
500	K6569	K6573	
1000	K6570	K6574	

**Any Type, \$1.91**  
Each **\$2.20**

## YAXLEY "T" & "L" Pads



"L" Pads		"T" Pads	
Stock No.	Ohms	Stock No.	Ohms
K6356	6	K6362	6
	8	K6363	8
K6357	15	K6364	15
K6358	50	K6365	50
K6359	200	K6366	200
K6361	250	K6367	250
K6360	500	K6368	500
K6361	2000		

For controlling level of low imp. audio circuits, volume of mikes or phono, etc. With bar knob, dial plate and hardware.

**"L" Pads:** **\$2.06**  
Any Type Above.....  
**"T" Pads:** **\$2.94**  
Any Above Type.....

# Quality SPEAKERS for Every Requirement

## LAFAYETTE All-Purpose PM Speakers

High quality permanent magnet, all-purpose speakers. Each model matches in sensitivity a comparable field coil type speaker. High permeability magnets employed, one-piece seamless cones, frames of sturdy plated metal. Frequency response excellent. Voice coil impedance on all models 6-8 ohms. All furnished less output transformer.



Stock No.	Spkr. Size	V.C. Diam.	Norm. Watts	Peak Watts	Spkr. Depth	Shpg. Wt.	Your Cost
K19268	3 1/2"	5/8"	2 1/2	4	2 1/8"	2	\$1.35
K19269	5"	3/4"	3	4 1/2	2 1/8"	3	1.38
K19270	6"	3/4"	4	6	2 1/8"	3	1.80
K19271	8"	3/4"	5	8	3 1/8"	4	2.25
K19278	10"	1"	8	10	6 1/2"	6	3.25
K19272	12"	1"	9	12	6 1/8"	7	3.65

## Universal Tube Transformers for Above

K19273—For 3 1/2", 5" and 6" models.	Your Cost	40c
K19274—For 8" model.	Your Cost	49c
K19194—For 10" and 12" models.	Your Cost	75c

## Midget PM Speakers



A more compact speaker than those listed above and especially designed for use in the new midget receivers. Light in weight yet highly efficient in performance. 2 1/2" model has a 4 ohm voice coil—all others have a 3 ohm voice coil. 5" models have round frames—others square. All less transformers. Wt. 1 lb.

Stock No.	Size	Watts	Each	Stock No.	Size	Watts	Each
K19155	2 1/2"	1	\$1.03	K19112	4"	3	\$1.01
K19123	3 1/2"	2	.87	K19113	5"	2	.97
K19132	3 1/2"	3	.99	K19114	5"	3	1.03
K19111	4"	2	.93				

## Electro-dynamic Midget Replacement Speakers

Similar in appearance to 4" speaker listed above but with field coil. 4" diameter—square frame. 4 ohm voice coil. Shpg. wt. 2 lbs. All supplied less output transformers.

K19115—450 ohm field.	K19116—2750 ohm field.	93c
Either Type, Your Cost, Each		

Suitable output transformers are listed on page 139.

## Special 3" Magnetic

Balanced armature type as listed below but especially designed for small portables and inter-communicators. 3 1/2" square mtg. flange. Mounting holes on 2 3/8" centers.



**K19117—YOUR COST 98c**

## The World's Smallest PM Speaker

Only 2 1/2" Diam. For hearing aids, pocket portables, inter-communicators, etc. May also be used as a mike and speaker in compact inter-communication systems. 4 ohm voice coil. Cap. 1 watt. Shpg. wt. 2 lbs. **K19155—Your Cost \$1.03** **K19156—V.C. to grid matching transformer. 59c**



## LAFAYETTE All-Purpose Dynamics Six Popular Sizes

A quality line of speakers for general replacement purposes. Also good for light public address work. They have a practically flat response, when properly baffled, from 100 to 3600 c.p.s. Formed one-piece cones. Cadmium plated frames. Models listed below with universal tube matching transformers will match any single or push-pull output tubes. Connection chart included.



**3 1/2" Diameter Models**  
For call systems, hearing aids and midget radios. Less transformer. Shpg. wt. 3 lbs. Stock No. Field Resistance Each  
K19279 450 ohms } **95c**  
K19265 3000 ohms }  
K19273—Universal tube matching transformer for either of the above models. 40c

**5" Diameter Models**  
All less transformers. Average wt. 3 lbs. Stock No. Field Stock No. Field  
K19261 6 ohms K19262 450 ohms  
K19263 3000 ohms K19264 1800 tapped at 300 ohms. **95c**  
Your Cost, Each  
**Special Transformers for 5" Models**  
Stock No. Impedance For Tubes  
K19286 2,000 ohms 25B6, 25L6, etc.  
K19287 4,000 ohms 25A6, 43, etc.  
K19288 10,000 ohms 41, 6C6G, 6A4-LA  
Your Cost, Each, Any Type. **30c**



**6" Diameter Models**  
All equipped with universal tube matching transformers. Average shpg. wt. 4 lbs. Stock No. Field Resistance Each  
K19122 6 ohms (for auto sets) } **1.65**  
K19165 1000 ohms }  
K19199 1800 ohms tapped at 300 }  
K19166 2500 ohms }



**8 1/2" Diameter Models**  
All equipped with universal tube matching transformers. Shpg. wt. each 6 lbs. Stock No. Field Resistance Each  
K19307 1000 ohms } **2.25**  
K19283 1800 ohms tapped at 300 }  
K19292 2500 ohms }

**10" Diameter Models**  
All equipped with universal tube matching transformers. Shpg. wt. each 7 lbs. Stock No. Field Resistance Each  
K19284 1000 ohms } **\$3.09**  
K19285 2500 ohms }



**12" Diameter Models**  
All equipped with universal tube matching transformers. Shpg. wt. each 9 lbs. Stock No. Field Resistance Each  
K19294 1000 ohms } **\$3.69**  
K19295 2500 ohms }



## Balanced Armature Magnetics

Balanced armatures and powerful magnets make these speakers far more sensitive than others of similar size. Sturdy construction. Adjustments maintained indefinitely. Ideal for low powered sets. Approx. shpg. wt. 3 lbs.

No.	Dia.	Each	No.	Dia.	Each
K19121	3"	88c	K19199	6"	\$1.10
K19230	5"	96c	K19119	8 1/2"	1.65

## Speaker Cable

**4 Wire**  
Heavy rubber covered cable with hemp filler between conductors. Will stand lots of abuse. Conductors color coded. Shpg. wt. 6 lbs. per 50 ft. **K16154—Per Foot 3 1/2c**  
100 Ft. For... \$3.15  
**2-Wire.** Same type as above. Excellent for portables. **K20945—Per Foot 2 1/2c**  
100 Ft. For... \$2.19

**2 Wire**  
For permanent installations. **K20920—Per Foot 1 1/2c**  
100 Ft. For... \$1.10

## Servicemans Specials

### Replacement PM Speakers

Five and six inch Permagan PM Speakers that have been especially priced for our Servicemen's Sale! Brand new stock from a famous maker of high quality speakers. Heavy magnets, newly designed. Transformers not furnished. 4 ohm voice coils. Shpg. wt. each 3 lbs.



**K19313—5" with 3 oz. magnet. 79c**  
**Your Cost, Each, Special 98c**  
**K19314—6" with 4 oz. magnet. 98c**  
**Your Cost, Each, Special**

### Celotex Speaker Baffles

We will supply baffles with any size hole, to your specifications, at no additional cost. Specify hole size desired when ordering.

3/4" Thick	Size	Hole	1 1/2" Thick	Size	Hole
K19714	29c 12x12"	5, 7 or 9"	K19793	38c 7 or 9"	5, 7 or 9"
K19715	59c 18x18"	7 or 9"	K19794	98c 7 or 9"	7 or 9"
K19716	96c 24x24"	7 or 9"	K19795	\$1.60 9 or 12"	9 or 12"
K19717	\$1.95 36x36"	None	K19796	3.50 9 or 12"	None
K19718	3.25 48x48"	None	K19797	5.95 9 or 12"	None

### Speaker Grille Cloth

Approx. 12x12". **K19609—Each 9c**  
10 Pieces For... 75c  
Grille cloth 50" wide, cut to your specified length. **K21949—Your Cost, Per Yard 98c**



## BELDEN Special PA and Inter-Comm. Cables

**Twisted Pair Type**  
For inside use. Each conductor No. 22 stranded tinned. Cotton wrap, color coded cotton braid waxed, twisted pairs, cabled. Outer braid coated with impregnating lacquer.

Stock No.	Conductors	O.D.	Per Ft.	100 Ft.
K20905	2 (1 pr.)	.135"	1 1/2c	\$1.24
K20906	10 (5 pr.)	.350"	6c	\$4.90
K20907	14 (7 pr.)	.405"	8c	\$6.72

**Shielded Pair Type**  
For inside use. Twisted pair of No. 19 solid, double enameled, cotton wrap, color coded cotton braid waxed, overall bare copper shield. Two conductors. Outside diameter .145". Shpg. wt. 6 lbs. per 100 feet.

K20911—Your Cost, Per Foot	2 1/2c
Per 100 Ft.	\$1.83
Per 500 Ft.	\$8.45

**Single Shield Type**  
For inside or outside use. Tinned copper shield on one conductor. Twisted pair of No. 19 solid tinned, 1/2" rubber, color coded cotton braid waxed, cabled with fillers, cotton braid, weather proofed.

Stock No.	Conductors	O.D.	Per Ft.	100 Ft.
K20912	2 (1 plain)	.315"	4c	\$3.11
K20913	3 (2 plain)	.380"	5c	\$4.09
	(1 shielded)			

Please refer to pages 174 and 90 for listings of other Belden wires and cables. We can supply any Belden product made at maximum discounts. Write us for quotation.

# SPEAKER REPLACEMENT PARTS



## EXACT DUPLICATE REPLACEMENT CONES FOR POPULAR RADIO RECEIVERS



Stock	Description	Size	Each	Stock	Description	Size	Each
K19546	Airline 62-274, 288, 290, 326, 336, 350, 351	6"	50.73	K19531	Majestic G2	9"	.97
K19553	Airline 62-518	5"	.73	K19532	Majestic G3	10"	1.32
K19555	Airline 62-475, 62-425	5"	.73	K19533	Majestic G5	12"	1.71
K19559	Airline 62-236, 62-263	5 1/2"	.73	K19534	Motorola 75 (Jensen F6R)	6 1/2"	.88
K19558	Airline 62-173, 62-175	6 1/2"	.88	K19535	Motorola 65, 70	8"	1.32
K19557	Airline 62-175, 62-176	8"	1.32	K19536	Motorola Dual 8, 60, 100	8"	1.32
K19565	Arvin 467, 518	5"	.73	K19541	Motorola 65 (New)	8"	1.32
K19561	Arvin 17, 568	5"	.73	K19542	Operadio 7505	10"	1.62
K19555	Arvin 18, 41 (Operadio M5)	5"	.73	K19543	Philco 39-6, 39-7	5"	.73
K19558	Arvin 20A, 25, 29, 15	6 1/2"	.88	K19544	Philco 38-12-14-15-17T (Code 12-1-Run 1 to 5)	5 1/2"	.73
K19502	A.K. 80, 84, O, Q, 246, 525, 735, 856	8 1/2"	1.18	K19552	Philco No. 02861-5, 11 (Transitone)	5 1/2"	.59
K19501	Atwater-Kent No. 15142, 55, etc	10 1/2"	1.32	K19566	Philco C1608	7 1/2"	.59
K19782	Atwater-Kent No. 14374	10 1/2"	1.32	K19567	Philco F1640	7 1/2"	.59
K19507	A-K Part No. 26243-711, 112, 511, 810	10 1/2"	1.32	K19568	Philco 927	7 1/2"	.59
K19503	Belmont 401A	5"	.73	K19569	Philco No. 36-3157, 38B	7 1/2"	.59
K19542	Belmont 663	5"	.73	K19671	Philco No. 36-3159-6, 7, 8, 9, 10 (Transitone) 16B	7 1/2"	.59
K19570	Belmont 580	5"	.73	K19547	Philco No. 36-3824, 20, 21, 70H, 470, 490	8 1/2"	.73
K19559	Belmont 666, 690	5 1/2"	.73	K19400	Philco No. 36-3170, 40, 41, 65	10 1/2"	.82
K19576	Belmont 777 (Jensen F6R)	6"	.88	K19793	Philco 816, FT9	5"	.59
K19558	Belmont 740, 667	6 1/2"	.88	K19704	Philco No. 45-2608-926	6 1/2"	.59
K19577	Bosch 5A, 39A	7"	.88	K19652	Philco No. 36-3029-54, 57	5 1/2"	.59
K19511	Bosch 430, 505, 620	7"	.88	K19541	Pontiac 983554	8"	1.32
K19505	Bosch 48, 58	9 1/2"	1.62	K19659	Pontiac 983526	8"	1.32
K19619	Chevrolet 985301 (Mag.)	5 1/2"	.73	K19406*	RCA R28, R28P, RE40, R22, 100, 101, 110, 111	5"	.59
K19558	Chevrolet 985252	6 1/2"	.88	K19410*	RCA R37, 38, 37P, 38P, 112, 120, 121, 122, 142B, 241B, 310	6 1/2"	.59
K19536	Chevrolet 601, 038, 985	8"	1.32	K19497*	RCA R6, R5x, R5DC	7 1/2"	.59
K19689	Chevrolet 985301 (Rola)	8"	1.32	K19498*	RCA SWA3, R24, R71, R71B	7 1/2"	.70
K19707	Chev. 985425	5"	.73	K19435*	RCA R32, 52, RE45, R275	9"	1.39
K19708	Chev. 985426	5 1/2"	.73	K19210*	RCA 100A, B, 103 (Mag.)	9"	.59
K19553	Crosley A157, 517, 547, 5517	5"	.73	K19437*	RCA R70, RE81, J28, 129F, 210, 211, 221, 223, 224, 24E	10 1/2"	1.03
K19693	Crosley 515, 5515 (Utah)	5"	.73	K19404*	RCA R6, 7, 8, 9, 10, 11, 12, RE-18, RE-19, 14, 15, 17, 21, 42, 48	10 1/2"	.88
K19619	Crosley 515, A355 (Mag.)	5 1/2"	.73	K19403*	RC 34, 35, 39, 50, 55, 59, 80, 82, 86, RE20	10 1/2"	1.18
K19537	Crosley 516	5 1/2"	.73	K19495*	RCAC11-1, C13-2, C15-3	12"	.92
K19692	Crosley 645	6 1/2"	.88	K19589	Rola F4	5"	.73
K19539	Crosley 717	8"	1.18	K19640	Rola F6	6 1/2"	.88
K19536	Crosley 143, 146, 157, 68, 315-4, 325-4, 7H2	8"	1.32	K19648	Rola F6, F8	7 1/2"	1.18
K19617	Crosley M45, 405	8 1/2"	1.47	K19689	Rola K8	8"	1.32
K19553	Delco R663	5"	.73	K19588	Rola G12	12"	1.71
K19559	Delco 640, 631A	5 1/2"	.73	K19558	Sentinel 72A, 72A-E, 600	6 1/2"	.88
K19619	Delco 640, 631A, 4099 (Magnavox)	5 1/2"	.73	K19576	Spartan 537, 547, 518, 548	6"	.88
K19692	Delco 500, 630 (Mag.)	6 1/2"	.88	K19569	Spartan 67, 68, 691	6"	.88
K19594	Delco 623, 631, 632, 1209317 (Rola)	6 1/2"	.88	K19692	Stewart-Warner R232, R131	6 1/2"	.88
K19541	Delco 665, 666 (Rola)	8"	1.32	K19690	Stewart-Warner 102A, 104A, R110, etc	8"	1.32
K19542	Emerson B199, BA201	5"	.73	K19572	Stewart-Warner R273	8"	1.32
K19570	Emerson 2501W (Jensen)	5"	.73	K19693	Utah 219R	5"	.73
K19555	Emerson K116, K121, K123	5"	.73	K19591	Utah E12P 12LP, 12PC6	12"	1.71
K19503	Emerson A409, 410, 411 (Quam)	5"	.73	K19596	Utah F12P, GT13	12"	1.71
K19619	Emerson 107, 111 (Mag.)	5 1/2"	.73	K19599	Utah G1225	12"	1.71
K19543	Emerson A130, A132, A148, 149	5 1/2"	.73	K19620	Utah 1220	12"	1.71
K19581	Fada 365C, 366C	5"	1.18	K19395	Utah 12R (16 ohm V.C.) 3 nt Spider	12"	1.71
K19583	Fada KU45, 65, 422, 42	10 1/2"	.88	K19558	Wells Gardner 6D, 7J	6 1/2"	.73
K19685	Fairbanks-Morse 58T1, 58T2	6"	.62	K19621	Wells Gardner 6K	6 1/2"	.88
K19697	G.E. A53, F62, A63, U70	6 3/4"	.59	K19622	Wells Gardner 6J	6 1/2"	.88
K19560	G.E. A52, A55, A64, A65, A70, A83	8"	.73	K19511	Westinghouse WR209-WR211	6 1/2"	.88
K19545	G.E. E61, E71	8"	.73	K19571	Victor R32, RE45, etc.	9"	.95
K19544	G.E. F Series, 79, 81, 105	12"	1.18	K19559	Zenith 6M91	5"	.73
K19535	Grunow 12A1, 12A2, 12A6, 12G4-1	12"	1.71	K19570	Zenith 4-T-26 (Jensen)	5"	.73
K19570	Jensen F5H	5"	.73	K19555	Zenith Pt. 49-170AB, 6D-119 (Operadio)	5"	.73
K19578	Jensen T9	5"	.73	K19558	Zenith Pt. 49-81-808, 805	6 1/2"	.88
K19576	Jensen F6R	5 1/2"	.88	K19576	Zenith 5S127 (Jensen)	6 1/2"	.88
K19584	Jensen PM6C, G6R	6 1/2"	.88	K19624	Zenith 49-162	6 1/2"	.88
K19643	Jensen PM8D	8"	1.32	K19557	Zenith 4-T-51, 5R-135 (Operadio)	8"	1.32
K19644	Jensen PM10C	10"	1.62	K19517	Zenith 6-S-52	8"	1.32
K19519	Jensen D7, D8	11 1/2"	1.71	K19732	Zenith Pt. 49-122	12"	1.71
K19645	Jensen D9 (Inside Spider)	11 1/2"	1.62	K19574	Zenith Pt. 49027 50, 52, 70, 124	12 1/2"	1.62
K19641	Jensen A12	12"	1.71				
K19598	Jensen X12 (1 1/2" V. Coil)	12"	1.71				
K19599	Jensen X12 (1 1/2" V. Coil)	12"	1.71				
K19565	Kadette 21, 22, 23, 86	5"	.88				
K19536	Magnavox 154D, 158, 168, 2 P Spider	8"	1.32				
K19526	Magnavox D6, D7, D8, etc.	8 1/2"	1.62				
K19654	Majestic G2A, G26C	5"	.73				
K19626	Majestic G10B, G10C	7 1/2"	1.18				
K19530	Majestic G1	9"	.97				

## Universal Field Coils

Heavy duty universal field coils for use with the larger speakers. Wound with two equal sections from which four leads are brought out. Windings may be connected in series or in parallel to obtain desired resistance; in either case, all of the wire is used and no reduction in field dissipation results. Maximum variation in dimensions should not be greater than 1/4". Complete installation instructions and directions supplied. Reducing bushings and washers furnished. **Example:** To replace an 1800 ohm field coil, use type A replacement coil and put windings in series. 2500 ohms, use type B, etc.



## Replacement Resistance Range

Code	Nominal	Parallel	Series
A	418.7-1675	375- 460	1500-1800
B	625-2500	560- 690	2250-2750
C	750-3000	675- 825	2700-3300
D	1000-1000	900-1100	3600-4400
E	1250-5000	1125-1375	4500-5500

K19421 - 1 1/2" hole, 2 1/2" O.D., 1 3/4" high.  
 K19422 - 1 1/2" hole, 2 1/2" O.D., 1 1/2" high.  
 K19423 - 1 1/2" hole, 2 1/2" O.D., 1 1/2" high.  
 K19424 - 1 1/2" hole, 2" O.D., 1 1/4" high.  
**Your Cost Each, \$1.82**  
 Any Type  
 10% Discount in Lots of 5 (assorted).

**NOTE:** When ordering, be sure to give both catalog number and code letter.

## Replacement Field Coils

We can supply any standard or special field coil on order. Please submit all necessary information, or send sample.

No.	Set or Speaker	Ohms	Each
K19686	Crosley Model 57, 58, 59, 269	10000	\$2.20
K19447	Majestic G2	2730	3.15
K19657	Majestic G4, G5	7650	3.15
K19678	Majestic G3	2730	3.15
K19458	Philco 20, 21 (2768)	3100	1.18
K19456	Philco 65, 76, 77, 86, 87, 95, 96, 111 (2850)	3200	2.65
K19411	Rola F4	3000	1.10
K19486	Victor RF32, 45, 75	3000	2.79

## APEX-GLORITONE Field Coils

For class 26 11500 ohms tapped at 9040. Used in U.S. Radio and Mon'ry-Ward sets. K19450 - 2 1/2" dia, 1 1/4" hole, 1 1/2" deep Each \$1.39  
 K19655 - 2 1/2" dia, 1 1/4" hole, 1" deep  
 K19656 - 2 1/2" dia, 1 1/4" hole, 1 1/2" deep

## Midget Speaker Field Coils

Fit most midget 5" and 6" speakers. Impregnated. Approx size: 1 1/4" x 3/4" hole. K19477 - 1000 ohms 39¢  
 K19478 - 1500 ohms  
 K19479 - 2500 ohms 44¢  
 K19480 - 3000 ohms  
 1 1/2% Discount in Lots of 12 (assorted).



## 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. **29¢**  
**Your Cost**.....



## SPEAKER CEMENT

For speaker cones and voice coils. Dries rapidly. To be applied with a fine brush. In sealed metal tubes. K15239 - 1 1/4" Tubes. **8¢**  
**Your Cost Each**.....  
 K15240 - 3/8" Tubes. **12¢**  
**Your Cost Each**.....



## 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 - **35¢**  
**Your Cost, Kit of 16**.....



We can supply, on order, the proper cone for any radio not shown in listing. Write giving name and model, or send sample, and we will quote lowest net price.

# TUBE and SET TESTERS



## Model 309-P Tube Tester

Tests all the NEW MINIATURE TUBES and all other new and old receiving tubes on the market today. Also tests ballast tubes, pilot lights, Xmas tree lights, etc. Tests all tubes having filament voltages up to full line voltage. In addition a spare socket provides for future tubes with new base

arrangements. Employs the famous DYNOP-TIMUM test circuit that makes all tests at RMA specified plate voltages and loads. Provides hot cathode leakage test. Hot interelement short and leakage test between all individual elements. Individual tests of each section of full wave rectifiers, duo-diodes and all multi-purpose tubes. Includes noise and hum tests. Has a **continuously variable** adjustment for all line voltage from 105 to 135 volts. Line voltage directly indicated on the D'Arsonval meter. Simple and speedy to operate. For 105-135 V. 50/60 cycles a.c. Shpg. wt. 10 lbs.

### In Portable Case

**K21644**—Model 309-P in combination portable-counter type case. 12x8 $\frac{3}{4}$ x7". **\$16.61**  
Your Cost .....

### In Counter Type Case

**K21643**—Model 309-C in counter style case. 12x9x5". Shpg. wt. 9 lbs. **\$15.63**  
Your Cost .....

## RADIO CITY PRODUCTS

### Model 310-P Tube Tester



Model 310 tube tester includes every feature and advantage of the Model 309 described at left and in addition has the newest and finest of mechanical roll type tube tester charts built into it. It is the **lowest priced tube checker with a tube index!** A tube listing service and one new additional tube chart will be supplied free up to October 1st, 1941 to all registered owners.

**K21775**—Model 310-P in combination portable-counter type case. 15 $\frac{1}{4}$ x13x4 $\frac{3}{4}$ ". For 105-135 V. 50/60 cyc. a.c. Shpg. wt. 10 lbs. **\$23.37**  
Your Cost .....

**K21776**—Model 310-C in counter case. 13 $\frac{1}{2}$ x11 $\frac{1}{2}$ x7 $\frac{1}{2}$ ". Shpg. wt. 13 lbs. **\$21.51**  
Your Cost .....

## Model 802 Tube and Set Tester



This excellent instrument combines an ultra-modern tube tester and a comprehensive set tester within an attractive and sturdy portable case.

Employs a fused 4 $\frac{1}{2}$ " D'Arsonval type meter with an accuracy of 2%. Tests all present day tubes including the new miniatures, ballasts, etc. Has a line voltage control covering from 105 to 135 volts. Tests for shorts, leaks, noises, etc. Set tester provides DC and AC voltage ranges: 0/10/50/500/1000, DC milliamperes: 0/1/10/100/1000, DC amperes: 0/10. Ohms: 0/500/5000/1 meg./10 meg. Ohmmeter operates on self-contained battery up to 1 meg.—range from 1 to 10 meg. is AC operated. Decibel ranges: -8 to +55 db. Four output meter ranges same as AC volts. Case 12x12 $\frac{3}{4}$ x5". Shpg. wt. 13 lbs. **K21641**—Model 802—In portable slip-hinge case. For 105-135 V. 50/60 cycles AC.

**CASH PRICE** ..... **\$27.39**

**TERMS:** \$2.74 down; \$4.52 mo. for 6 mos.

**K21642**—Model 802-A—As above but with Model 506 plug-in analyzer unit built into the cover. Shpg. wt. 14 lbs. **\$37.73**  
**CASH PRICE** .....

**TERMS:** \$3.77 down; \$4.67 mo. for 8 mos.

## Model 312 Tube Tester with 9" Jumbo Meter

This popular 9" Jumbo "Sales-Promoter" type meter now incorporates the new Rolindex tube chart. Has all of the features of the Model 310 described above such as the Dynoptimum test circuit, neon indicator, noise and hum tester, etc. An exceptionally fine value from every standpoint.

**K21779**—Model 312C in vertical case (also available horizontal on special order). 11x18 $\frac{1}{2}$ x7 $\frac{1}{2}$ ". Shpg. wt. 19 lbs. **\$29.35**  
**CASH PRICE** .....  
**\$2.93 down; \$ 4.84 mo. for 6 mos.**

**K21780**—Model 312P in combination portable-counter case. 13x18 $\frac{1}{2}$ x9". Shpg. wt. 20 lbs. **\$32.19**  
**CASH PRICE** .....  
**\$3.22 down; \$5.31 mo. for 6 mos.**

### Models D308—Less Rolindex

**K21744**—Model D308 in vertical case. Shpg. wt. 16 lbs. **\$25.43**  
**CASH PRICE** .....  
**\$2.54 down; \$4.19 mo. for 6 mos.**

**K21743**—Model D308P in combination portable-counter case. 13x18 $\frac{1}{2}$ x9". Shpg. wt. 20 lbs. **\$28.27**  
**CASH PRICE** .....  
**\$2.83 down; \$4.66 mo. for 6 mos.**



Counter model also available for horizontal position on special order. Please specify.

## ROLINDEX Models

Same as above but with roll-type tube-tester index chart built right into the panel. A tube listing service and one new additional tube chart will be supplied free up to October 1st, 1941 to all registered owners. This convenient Rolindex saves a great deal of time when checking a customer's tubes. Dim.: 14 $\frac{1}{2}$ x13x16". Shpg. wt. 14 lbs.

**K21777**—Model 803 same as 802 but with roll chart. **\$32.29**  
**CASH PRICE** .....

**TERMS:** \$3.23 down; \$5.33 mo. for 6 mos.

**K21778**—Model 803-A same as 802-A but with roll chart. **\$42.63**  
**CASH PRICE** .....  
**TERMS:** \$4.26 down; \$5.28 mo. for 8 mos.

## PRECISION Tube and Set Testers



### Model 920 Electronometer

Incorporates a Combination Dynamic Mutual Conductance Tube Tester and 33 Range Rotary Selective A-C-DC Multi-Range Set Tester. Tests tubes with filaments from 1.4 to 120 volts, including: Loktals, new 7-Pin Tubes, Bantam Jrs., Single-ended, etc. Tests made simply and quickly. Improved Automatic Push-Button System and Double-Window Roller Tube Chart. Checks for: Hot-Cathode Leakage; Hot Inter-Element Short; Noise; Open Elements etc. Set Analyzing features are: AC-DC volts, at 1000 ohms per volt, 0-12-60-300-600-1200 and 3000 volts; DC current ranges, 0-1.2-12-120-600

MA and 0-12 Amperes; Resistance ranges, 0-400, 0-100,000 ohms and 0-1-10 Megs; Six DB Ranges, from -10 to +64 DB; Six Output ranges, same as AC volts. Employs large 4 $\frac{1}{2}$ " square meter.

Combination models listed below are as described above. Tube Tester models do not have set analyzing features—only tube testing features. Models in **hardwood** case are walnut finished and come with cover. Dim.: 12x13x6". Models in **metal** case do not have cover and are finished in black ripple. Dim.: 12x10 $\frac{1}{2}$ x6". With instructions. Shpg. wt.: Combination—20 lbs.; Tube Tester, 18 lbs.

Stock No.	Model No.	Type of Tester	Case	Cash Price	Down	Mthly	Mos.
K21700	920-P	Combination	Hardwood	\$52.87	\$5.29	\$6.54	8
K21731	920MCP	Combination	Metal	48.95	4.91	6.06	8
K21732	912-P	Tube Tester	Hardwood	35.23	3.52	5.81	6
K21733	912MCP	Tube Tester	Metal	31.31	3.13	5.16	6
K21704	910-P*	Tube Tester	Hardwood	33.27	3.33	5.49	6
K21705	910MCP*	Tube Tester	Metal	29.35	2.93	4.84	6

\*910 Series is the same as 912 but has 3" meter instead of 4 $\frac{1}{2}$ ".



## RADIO CITY PRODUCTS.

### Master Analyst

Improved push-button analyzer for plugging into receiver socket for measuring voltage, current, resistance or capacity of any component. Safeguarded against "shorts" when 2 or more buttons are depressed. Permits current and voltage measurements in same circuit at the same time. Includes 7 sockets, 8 adapters and cable with latch-type plug. 8 $\frac{1}{2}$ x7x3 $\frac{3}{4}$ ". Shpg. wt. 5 lbs.

**K11534**—Model 604-C **\$15.14**  
Your Cost .....

## HICKOK Tube and Set Testers

**Model 510X Tube and Set Tester.** Complete servicing outfit incorporating a true Dynamic Mutual Conductance Tube Tester with ranges: 0/3000/6000/15000 microohms, and a Set Analyzer. Checks tubes with filament voltages from 1.4 to 117 V. Checks Ballast and pilot lamps. Set Tester ranges: AC-DC Volts, 0/20/200/500/1000. DC ma. 0/20/200; Ohms, 1 to 25 megs. in 3 ranges—no Batteries. Microfarads, .0001 to 24 in 3 ranges. Has 5" square meter. Black leatherette case 14x13 $\frac{3}{4}$ x6". Shpg. wt. 24 lbs. **K21638**—**\$67.62**  
**CASH PRICE** .....  
**TERMS:** \$6.76 down, \$8.37 mo. for 8 mos.



**Model 530 Mutual Conductance Tube Tester**  
Tubes Tester section only of the above unit in the same size case. Large illuminated dial on meter reads directly in micromhos and "good-bad". In addition to the features listed above it also includes a large simplified roll chart. Shpg. wt. 22 lbs. **K21639**—Model 530-P **\$55.27**  
**CASH PRICE** .....  
**TERMS:** \$5.53 down, \$6.84 per month for 8 months.

# TUBE and SET TESTERS

## TRIPLETT 1621 Portable Tube Tester



Sensational new counter-portable model using 4" Triplett "Red-Dot" life-time meter. Has separate, easily-removable panels. 19-step filament voltage control, 1.1 to 110 volts insures against obsolescence. Tests all 4, 5, 6, and 7-prong tubes, octals and loctals, Bantam Jr., Miniature and Midgets. Has noise-test jack. R.M.A. approved circuit. Easy-to-use Speed-Roll chart plus lever control for each tube element; 3 or 4 levers used for each complete tube test. Separate line voltage meter, 100-125 volts. Size 12x7½x10". Supplied without carrying case. If case is desired order from Listing below. Shpg. wt. 30 lbs.

**\$34.14**

**K21748—CASH PRICE**

Terms: \$3.41 down, \$5.63 per month for 6 months.

**K21749**—Two-toned airplane type case with plush lining.

Makes portable of above. **Your Cost**..... **\$4.90**

**MODEL 1620:** Like above, but longer case, for counter use only.

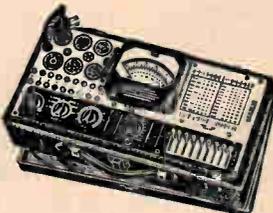
**Incorporates 7" meter.** 18½x10½x6½".

**K21750**—Shpg. wt. 27 lbs. **CASH PRICE**..... **\$37.08**

Terms: \$3.70 down, \$6.12 per month for 6 months.

## TRIPLETT 1183 Combination Tester

Has 4" Triplett "Red-Dot" life-time guaranteed meter. Tests all tubes, including loctals, Bantam and Miniatures; same features as Model 1621 above. Following analyzer ranges: 0/10/50/250/500/1000 volts a.c. and d.c. (d.c. volts at 10,000 ohms/volt; a.c. volts at 2000 ohms/volt); 0/1/10/50/250 d.c. ma.; three ohms ranges cover 500 to 1½ meg. Has neon short and leakage indicator. Free point tester makes all series and parallel meter connections. Portable metal case with snap-on cover. 14½x7½x4½". Shpg. wt. 21 lbs.



**\$48.84**

**K21747—CASH PRICE**

Terms: \$4.88 down, \$6.05 per month for 8 months.

## READRITE Model 432A Tube Tester



Incorporates Triplett "Red-Dot" life-time guaranteed sapphire bearing meter with three-color "GOOD-BAD" scale. Separate meter and adjuster for line voltage control. Filament voltage from 1.1 to 110 volts in 19 steps—guards against obsolescence. Tests 4, 5, 6, and 7-prong tubes, Loktals, Miniatures, Bantams, gaseous rectifiers, ballast tube continuity test. Black leatherette case with removable cover, 10½x9½x6½". Up-to-date tube charts supplied. Shpg. wt. 18 lbs.

**K21745—Your Cost**..... **\$18.47**

**K21694**—Same as above, but without compartment in case.

**Your Cost**..... **\$17.49**

## COMBINATION MODEL 432A-742

Comprises 432A tube tester and 742 volt-ohm-milliammeter in black leatherette case 13x10½x7". Ranges: 0/10/50/250/500/2500 volts a.c. and d.c. (1000 ohms/volt); 0/1/10/100 d.c. ma.; 500 ohms to 1½ meg. With compartment. Shpg. wt. 20 lbs.

**K21593—CASH PRICE**..... **\$27.29**

Terms: \$2.73 down, \$4.50 per month for 6 months.

## R.C.A. Model 156-E Tube Tester



Provides for heaters up to 120 volts. All settings indicated by simplified roller. One finger operation, buttons released or retained automatically. Tests every standard type tube, all ballast tubes, and the new Loktals; tests Magic Eye tubes for brilliance and size of opening; tests miniature tubes; tests voltage drop on all gas tubes; tests separate sections of multi-element tubes. All tests according to R.M.A. standards. Easily read figures on roll chart show proper buttons to make short, leakage and other tests.

**K21445—CASH PRICE**..... **\$37.95**

Terms: \$3.80 down, \$6.26 per month for 6 months.

**K21446**—Portable Model 156-D. With cover and snap-on handle.

**CASH PRICE**..... **\$39.95**

Terms: \$4.00 down, \$6.59 per month for 6 months.

"RED-DOT" meters are life-time guaranteed against defects in materials or workmanship.

## TRIPLETT Model 1213 Dynamic Tube Tester



Popular priced, efficient tube checker supplied with comprehensive tube charts that fit into the cover. New chart sections furnished as new tubes are announced. Tests all present day types, including ballasts and pilot bulbs. Filament voltages from 1.1 to 110. Hot leakage and short tests. Convenient selector switches. Has 3" "Red-Dot" life-time guaranteed meter with "GOOD-BAD" scale. Metal case with brown suede enamel finish: 7½x6½x5½". Shpg. wt. 15 lbs.

**\$21.56**

**K21488—Your Cost**.....

## TRIPLETT Model 1612 Tube Tester

Deluxe counter checker with 7" "Red-Dot" life-time meter having a 6" "GOOD-BAD" scale. The speed-roll chart permits 36 readings at a glance. Tests all present day tubes, including: loctals, Bantam, Jr., Miniatures and Midgets; also tests ballasts and pilot bulbs. 19-Step filament range from 1.1 to 110 volts. Has noise test jack and separate line voltage meter. Neon indicator for shorts and leakages, etc. Steel case 15½x11½x6". Shpg. wt. 32 lbs.

**K21685—CASH PRICE**..... **\$29.24**

Terms: \$2.92 down, \$4.82 per month for 6 months.

**MODEL 1613:** Like above, in Portable case 15½x11½x6½". Shpg. wt. 35 lbs.

**\$34.14**

**K21686—CASH PRICE**

Terms: \$3.41 down, \$5.63 per month for 6 months.



## WESTON Model 777 Tube and Battery Checkers



Duplicate actual operating conditions. Test Loktal tubes, OZ3, OZ4, OA4, single ended, ballast and standard type tubes; tests individual electrodes. Has GOOD-REPLACE test for 1.5, 6, 45 and 90 volt batteries. Separate scale arcs for tubes and batteries.

**K21734**—Portable Model 777-1. Hardwood case 15½x8¾x5½". Wt. 15 lbs.

**CASH PRICE**..... **\$49.50**

Terms: \$4.95 down, \$6.12 month for 8 mos.

**K21735**—Counter Model 777-2 (shown). Has self-indexing tube chart.

**CASH PRICE**..... **\$54.75**

Terms: \$5.47 down, \$6.77 month for 8 mos.

## WESTON 774 CheckMaster

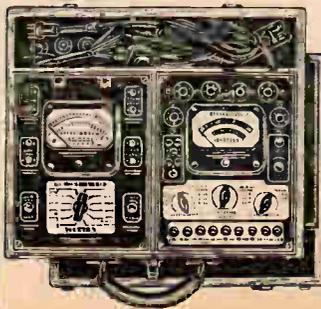
Combination tube tester and volt-ohm-milliammeter. Tests Loktal, single ended, gas-filled, ballast, normal diode and battery tubes; also individual electrode and open element tests. Meter sensitivity 1000 ohms per volt. Ranges: 7.5-50/150/500/1000 a.c. and d.c. volts, and output range: 1/10/100 d.c. ma.; 0/10,000/100,000/1 meg./10 meg. With test leads. For 105-130 volts, 60 cycles a.c. Wood case 16¾x10¾x6½". Shpg. wt. 18 lbs.

**K21737—CASH PRICE**..... **\$69.75**

Terms: \$6.98 down, \$8.63 per month for 8 months.



## WESTON Model 778 SERVISSET



Consists of Model 777 tube and battery tester plus Model 772 analyzer in single portable case. Compartment for tubes, leads, tools, etc. Analyzer has 4½" meter with 20,000 ohms/volt sensitivity on d.c.; makes critical measurements under actual load conditions. 17½x14½x5½". Wt. 23 lbs.

**K21736—CASH PRICE**..... **\$97.50**

Terms: \$9.75 down, \$12.06 per month for 8 months.

# TUBE and SET TESTERS

## SUPREME Model 599-P Tube-Battery-Set Tester

This instrument has all the foolproof tube checker circuits and all the features of the model 589 tester listed at the right. The U. S. Army and Navy specify: "Portable Tube Checkers will be of the emission type."



Supreme tube checkers represent 8 years of development and improvement of the emission principle. They are fool-proof. Battery testing functions same as in Model 589. In addition, following set testing functions are provided: D.C. volts 0/6/15/150/600/1500; A. C. volts 0/6/15/150/600 (guaranteed rectifier circuit); 4 output meter ranges; D.C. Ma., 0/6/60/600; Ohms .1/200/-20,000, 0/2/20 megohms. Tests electrolytic and electrostatic condensers for leakage. Accuracy 2% D.C., 3% A.C. Airplane luggage case with slip-hinge cover and handle. Complete instructions furnished. Size: 11 1/4 x 9 1/4 x 5 1/2". Shpg. wt. 12 lbs.

**K21754—CASH PRICE \$38.71**  
Terms: \$4.50 down; \$4.33 mo. for 9 mos.

## New SUPREME Counter and Bench Type Testers

These special models are for those desiring counter or bench model units with large illuminated meters. 589 Series described at right and 599 Series described at left. Panels reversible for "upright" or "laydown" use.



All have additional neon short-leakage tester. 19 1/2 x 10 1/2 x 10". Shpg. wt. 24 lbs.

Model 589, 7" square meter. **\$39.15**  
**K21755—CASH PRICE**

Terms: \$4.50 down; \$4.39 mo. for 9 mos.

Model 589, 9" square meter. **\$41.65**  
**K21756—CASH PRICE**

Terms: \$5.00 down; \$4.18 mo. for 10 mos.

Model 599, 7" square meter. **\$48.95**  
**K21757—CASH PRICE**

Terms: \$5.50 down; \$4.50 mo. for 11 mos.

Model 599, 9" square meter. **\$51.45**  
**K21758—CASH PRICE**

Terms: \$5.75 down; \$4.33 mo. for 12 mos.

## SUPREME 589-P Portable Tube and Battery Tester

Modern in design—efficient in operation, yet at a real low price. Has eight sockets for all 4, 5, 6, 7, 8 prongers, loktal, Bantam, single-ended, midjet, television, magic "eye" and hearing aid types; also gaseous rectifiers, ballasts, pilot lights and Christmas tree lights. Hot neon tests for inter-element leakage and shorts. Tests for internal opens. Phone jack for noise test. All filament voltages from 1.4 to 117. Vernier power line adjustment. Supreme patented switching system automatically re-connects all sockets for possible future tube base connection layout. Roller chart lists all sectional and complete tube tests. One year's chart revision service free. Battery tester checks portable "A" and "B" batteries under load. Handsome airplane luggage case 11 1/4 x 9 1/4 x 5 1/2"; slip-hinge cover. With instructions. Shpg. wt. 11 lbs.



**K21753—CASH PRICE \$29.35**  
Terms: \$4.00 down; \$3.63 mo. for 8 mos.

## SUPREME Portable 592-3 Combination

Incorporates a Model 592 Multimeter and a Model 593 Analyzer to form a complete Set tester in one case. Supplied complete with long analyzer cable, a full set of adapters including loktal types, and Loktal Socket. Meter has 2 sensitivities, 1000 ohms per volt and 25,000 ohms per volt, providing 7 ranges for each sensitivity from 3.5 volts to 1400 volts. 6 resistance ranges from 1/4 ohm to 50 megohms. 6 basic c.v. ranges, from 7 to 1400 volts. 6 output ranges, for aligning receivers; etc. Eight direct current ranges, from 70 microamps, to 14 amps. Five db. ranges, from -10 to +46 Analyzer permits checking voltage, current, resistance, etc., in any receiver. Push-button on analyzer. Solid Oak case, with slip-hinged cover, 9x13x5 1/2". Shpg. wt. 16 lbs.



**\$60.22**

**K21719—CASH PRICE**  
Terms: \$6.76 down; \$5.07 per month for 12 months.

Model 592 Multimeter Only: Push button tester providing 46 ranges: C. current: 0/70/700 micro-amperes; 0/7/35/140/350 ma., 0/1.4/14 cps.; D.C. volts (1000 and 25,000 ohms/volt) 0/3.5/7/35/140/350/0/1400; A.C. volts 0/7/35/140/350/700/1400; 500 ohms to 50 meg. 6 ranges; Decibels, 5 ranges from minus 10 to plus 46. Portable oak case. With instructions. Shpg. wt. 9 lbs.

**K21722—CASH PRICE \$43.07**  
Terms: \$5 down; \$4.33 per month for 10 months.

## SUPREME 504 Tube and Set Tester

Deluxe High Speed Checker for all tubes. Tests all 4, 5, 6, 7, 8 prongers, loktals, Bantams, midjets, single ended, television, magic eye and hearing aid types; also gaseous rectifiers, ballasts and pilot lights. Shows internal opens. Hot neon tests for shorts and inter-element leaks at both .25 and 2.5 meg. sensitivity. All filament voltages from 1.4 to 117. Exclusive tapped primary power transformer for stable line voltage adjustment. Patented switching system automatically reconnects all sockets for any future tube base connection layout. No worry about spare sockets, adapters or rewiring for new tubes. Roller tube chart lists all complete and sectional tube tests; 1-year free chart revision service. Electrolytic condenser leakage test. Large high torque meter. Meter ranges: 0/5/25/100/250/500/1000/2500 D.C. volts; D.C. current 0/5/2.5/10/50/250 ma., 0/1/10 amps.; A.C. volts 0/5/10/50/250/1000 (also output meter); .1/200/2000/20,000 ohms on internal battery, 0/2/20 megs. on internal power pack. Natural solid oak case with slip-hinge cover, 14 1/2 x 12 1/2 x 6". Large tool compartment. With instructions. Shpg. wt. 20 lbs.



**K21678—CASH PRICE \$64.63**  
Terms: \$7.25 down; \$5.94 per month for 11 months.

## SIMPSON 450 "Test Master" Tube and Set Tester



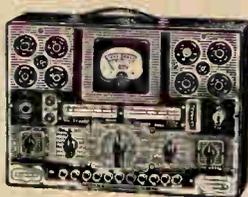
Wide range, modern combination tester. Tube tester filament voltages from .5 to 120; tests standard types, plus loktals, Bantams, Miniatures, single-ended, gas rectifiers, etc.; tests ballast tubes and Christmas tree lights, and "magic eye" tubes. Tube charts supplied. Also has neon short and leakage tests. Sensitive fan-shaped meter has "Good-Bad" scale. Positive 3-way switching. The set tester provides the following ranges: 0/7.5/30/75/150/300/750/1500/3000 volts a.c. and d.c. at 1000 ohms per volt; 0/3/15/75/300/750 d.c. ma.; minus 10 to plus 40 db.; 500 ohms to 50 megohms in five ranges. All a.c. voltages may be used for output measurements. In leatherette portable case, 10x11x5 1/2". 110 v. 60 cy. Wt. 15 lbs.

**K21751—CASH PRICE \$38.95**  
Terms: \$3.89 down; \$4.82 mo. for 8 mos.

Model 300 Tube Tester: Consists of the above, without the set tester portion. Case 8x10 1/2 x 5 1/2". Wt. 13 lbs.  
**K21752—CASH PRICE \$25.97**  
Terms: \$2.59 down; \$3.21 mo. for 8 mos.

## JACKSON Model 636 Dynamic Tube Tester

Has every feature of finest design and construction, including Dynamic test method, roll chart, noise test, line control, etc., yet is priced unusually low. Filament voltages from 1/4 to 115 insures non-obsolescence. Tests all tubes: 4, 5, 6, 7, octal, loktal, Bantam, Miniatures, single ended types. Spare sockets for future types. Improved push-button switching arrangement for instantaneous adjustment. Noise test jack included. Roll chart tube index simplifies correct settings. High voltage power supply insures best results.



"Dynamic" test method insures maximum efficiency. Has sensitive meter.  
**K21526—Bench Model (shown). Steel cabinet, 13x9 1/2 x 5 1/2". Two-tone grey. \$29.35**  
Wt. 14 lbs. **CASH PRICE**

Terms: \$2.93 down; \$3.63 mo. for 8 mos.  
**K21530—Portable Model. Grey leatherette case with hinged cover, 14x12x5 1/2". Wt. 16 lbs. \$34.25**  
**CASH PRICE**  
Terms: \$3.42 down; \$4.23 mo. for 8 mos.

## R.T.L. Model 120 Tube and Battery Tester

Latest design. Has 3" square illuminated meter with 2-color scale. Ingenious 18 lever switch assembly permits instant adjustment; usually only 4 are used for complete test. Filament volts from 1 to 117 on 17-point switch. Socket for testing all 4, 5, 6, 7, octal, loktal and Bantam tubes; 2 spares for future types. Also has neon "hot" short test. Three D.C. voltage ranges, 0/10, 0/100 and 0/1000, for dry battery testing; data sheet supplied. Complete tube charts in slide drawer. In grey leatherette covered wood case.



**Portable Model**  
**K21524—Portable Model with removable cover. 14x13 1/2 x 7 1/2". Wt. 20 lbs. \$38.22**  
**CASH PRICE**  
Terms: \$3.82 down; \$4.73 per mo. for 8 mos.

**Counter Model**  
De Luxe Counter Model in metal case.  
**K21525—CASH PRICE \$36.75**  
Terms: \$3.67 down; \$4.55 per mo. for 8 mos.

# POPULAR SIGNAL GENERATORS

## SUPREME Model 561 Signal Generator



Combination RF and AF metered oscillator with 4 types of signal output, viz.: Unmodulated RF from 65 KC to 20.5 MC on fundamentals, over 60 MC on harmonics of highest band; Variable AF, 15 to 15,000 cps flat within 1 DB 30 to 10,000 cps, down 2 DB at 15 and 15,000 cps.; Variable AF modulation over entire RF and AF ranges; Patented electronic frequency modulator for scope alignment. Electronic voltmeter checks RF output in microvolts; reads % modulation direct 0% to 80%; is zero beat indicator for AF calibration; controls AF output. Four AF output impedances 50/500/5,000/50,000 ohms, single or push-pull output. Push button range selectors. Fully shielded line RF filter. True ladder attenuation, non-inductive with vernier. Maximum output 100,000 microvolts RF. Iron tuned coils and air-dielectric trimmers for precise calibration. High calibration stability on all functions. RF and AF wave forms essentially sine. Non-glare black and silver panel. Solid Oak laboratory case with handles. Complete instructions and two output cables. Size:  $17\frac{1}{2} \times 9\frac{3}{4} \times 12$ ". Shpg. wt. 33 lbs. **\$86.73**  
**K21717—CASH PRICE**  
**TERMS: \$9.50 down; \$7.32 per month for 12 months.**

## TRIPLETT Model 1632 Signal Generator



A complete wide-range signal generator providing continuous coverage from 100 KC to 120 MC, covering standard broadcast ranges as well as the new high frequencies for FM and television. Metered output to multiplier and attenuator. Heterodyne detector is incorporated. Permits checking the oscillator, or beating with another oscillator, without a receiver. Output available at end of coaxial cable. Minimizes losses and disturbance to circuit under test. Provision for external modulation at AF or RF. Permeability adjustment and tubular air-trimmer capacitors are used throughout for increased accuracy and stability of calibration. Low resistance copper shielding and low-loss construction. Coil and trimmer assemblies and condensers shielded to minimize radiation of the unmodulated RF. Positive vernier dial tuning control—no backlash. Streamlined metal case with attractive rolled edge design,  $15 \times 9 \times 6\frac{3}{4}$ ". Silver-gray suede electro enamel finish. Snap-away handle. Three-tone panel, maroon background, gray and white trim. Complete with accessories. Sh. g. wt. 31 lbs. **\$78.24**  
**K21789—CASH PRICE**  
**TERMS: \$7.82 down; \$9.68 per month for 8 months.**

## SUPREME 571 Oscillator



Produces six types of signals: (1) Straight C.W.; (2) 400 cycle, 30% standard audio modulated R.F.; (3) 400 cycles, 75% high level audio modulated R.F.; (4) External audio modulated R.F.; (5) External frequency modulated R.F.; (6) 400 cycle fixed audio note for testing audio amplifiers, etc. Five R.F. ranges, 65 KC to 20.5 MC on fundamentals, over 60 MC on harmonics F.C. oscillator circuit with air-dielectric condensers, iron-core coils; accuracy within  $\frac{1}{2}$  of 1%. All ranges read on two basic scales. Non-shorting ladder type attenuator. Double shielding throughout. Black metal panel with silver and red trimming. Oak case;  $10\frac{1}{2} \times 8\frac{1}{2} \times 8\frac{1}{2}$ ". With output cable, complete instructions. Shpg. wt. 19 lbs. **\$39.15**  
**K21567—CASH PRICE**  
**TERMS: \$4.50 down; \$4.39 mo. for 9 mos.**

## SIMPSON Model 310 Signal Generator



Designed for highest accuracy, greatest stability, minimum leakage and good wave form. 9-inch meter-type dial; vernier control. 3-tube electron coupled circuit; f.w. rectifier, modulator, oscillator. Uses standard 30% modulation at 400 cycles. Shielded switch selects a modulated r.f., pure r.f. or a.f. signal controlled through ladder type step attenuator. 6 r.f. coils provide continuous range 75 KC to 30 MC. Special ceramic low drift trimmers adjust freq. ranges against quartz crystal oscillators. Entire unit triple shielded; line cord shielded. In handsome wrinkle finish case with carrying handle:  $16 \times 10 \times 6$ ". For 110 volt, 60 cycles. Wt. 15 lbs. **\$36.75**  
**K21740—CASH PRICE**  
**TERMS: \$3.67 down; \$4.55 mo. for 8 mos.**

## TRIPLETT Model 1232A Signal Generator



Covers from 115 KC to 30.5 MC in 6 overlapping bands; total scale length over 50". Triple shielding prevents leaks or strays. Low-loss band selector switch on panel. 400 cycles audio note obtained from panel jacks. Improved attenuation—zero for all practical purposes. Has built-in r.f. line filter. Six trimmer calibrated coils for greater accuracy. Portable case with brown suede enamel finish,  $7\frac{1}{2} \times 6\frac{1}{2} \times 5\frac{1}{2}$ ". Etched three-tone panel in brown, tan and red. Complete with instructions and accessories. For 110 volts 50/60 cycles a.c. Shpg. wt. 16 lbs. **\$29.24**  
**K21478—CASH PRICE**  
**TERMS: \$2.92 down; \$3.62 mo. for 8 mos.**

## CLOUGH-BREngle 79-D.A.F. Oscillator



Has continuously variable output from 0-15,000 cycles, with virtually flat frequency characteristics. Delivers 0-120 milliwatts across choice of 500 or 5000 ohm impedance; distortion less than 3% at 60 mpc. Has h.f. stability and low thermal coefficient. Zero knob on front panel and 6E5 "eye" indicator provide zero beat setting. Uses 4-6C5G, 1-6E5, 1-80. For 110 volts, 50/60 cycles a.c. Wt. 22 lbs. With tubes. **\$63.20**  
**K21457—CASH PRICE**  
**TERMS: \$6.32 down; \$7.82 per month for 8 months.**

## Model 110A Signal Generator

Frequency range, in fundamentals, from 100 KC to 32 MC. New Verni-Vidier dial for quick precision reading. Over 17 feet effective scale length. Accuracy within  $\frac{1}{2}$  of 1%. 400 cycle internal modulation at 30% level. Audio output consists of a P-P 400 cycle sinusoidal audio voltage for amplifier test, adjustable from 0 to 1.2 volts. Double shielded circuits with 36% coaxial cable and fittings. In  $10 \times 15 \times 6\frac{3}{4}$ " case. For 110 volts, 50/60 cycles a.c. Wt. 22 lbs. **\$48.50**  
**K21581—CASH PRICE**  
**TERMS: \$4.85 down; \$6.00 per month for 8 months.**

## OCX Signal Generator



Covers 100 KC to 32 MC in 5 overlapping bands. All frequencies fundamental; accuracy within  $\frac{1}{2}$  of 1%. 100,000 microvolts, max. R.F. output; 1.2 volts r.m.s. across 100 ohms, max. A.F. output. 36% coaxial cable and fittings included. Complete with 1-6E5, 1-76, 1-80 tubes. Black crystalac finished case,  $9\frac{1}{2} \times 12 \times 5\frac{1}{2}$ ". For 110 volts, 50/60 cycles. Wt. 19 lbs. **\$33.80**  
**K21459—CASH PRICE**  
**TERMS: \$3.38 down; \$4.18 per month for 8 months.**

## WESTON Model 787 U.H.F. Oscillator



New ultra-high frequency oscillator designed to test and check television and F.M. receivers, police and aircraft radios and all other u.h.f. equipment. The only service oscillator reading 40 KC per division at 40 MC; absolutely essential to test band width of F.M. receivers. Broad frequency coverage from 22 to 150 MC—all fundamentals Alignment and overall operation tests can be made without direct wire connections. High order of stability and resetability through use of new C.V.I. system. Operates with small antenna rod (supplied) or by direct connection to receiver through a resistance attenuator. Special jack is provided for using external batteries where increased power is desired. Output voltage from rod approx. .1 volt. Batteries supplied (2-3 volt "A", 1-45 volt "B"). Metal case  $8 \times 8 \times 11$ ". The only oscillator available which can be externally modulated to give fixed picture on Television Receivers. Shpg. wt. 20 lbs. **\$93.75**  
**K21696—CASH PRICE Complete (Less Crystal)**  
**TERMS: \$9.37 down; \$11.60 per month for 8 months.**

## WESTON 776 Oscillator



For use on all frequencies from 50 KC to 33 MC in 6 overlapping bands. 6-ft. of direct reading dial. Separate buffer tune prevents changes in attenuator loading from affecting oscillator tube. Ideal for lining up i.f. and 2nd det. circuits in F.M. units. 40% modulation at 400 cycles.  $10 \times 16 \times 5\frac{1}{2}$ ". For 110 volts, 50/60 cycles a.c. Shpg. wt. 18 lbs. **\$65.25**  
**K21648—CASH**  
**TERMS: \$6.52 down; \$8.07 per month for 8 months.**

# POPULAR SIGNAL GENERATORS

## RCA A.C. TEST OSCILLATOR No. 167



Operates on 110-120 volts 50/60 cycles a.c. Range: 100-30 000 KC (300 to 10 meters) in 6 bands. Giant  $6\frac{1}{2}$ " dial calibrated infrequency accurate

within 2% (50" scale length). R.F. output 2 microvolts minimum, 1 volt maximum. Output impedances 10/750/4000 ohms. Frequency modulator or jack for use with sweep condenser for visual i.f. alignment. Complete with RCA 5W4, 6C5, 6J7 metal tubes and 36" low-capacity output cable. In blue-grey wrinkle lacquer case  $13\frac{1}{2} \times 9\frac{1}{2} \times 6\frac{1}{2}$ ", with snap-handle. Panel finished in brush and bright chrome. Shpg. wt. 15 lbs.

**K21448—CASH PRICE \$34.50**  
Terms: \$3.45 down; \$5.69 mo. for 6 mos.

## HICKOK Model 180 Signal Generator



Covers 100 kc. to 30 mc. in 6 ranges. Accuracy better than  $\frac{1}{2}\%$ . Two AF oscillators 0-400 cps., fixed, 100-10,000 cps. varia. le. Direct reading scale. Frequency modulated output (30 kc. sweep). Amplitude modulated RF. Unmodulated RF. AF are all available.

Output meter, ranges: -10 to +6, +6 to +22, +22 to +38. Output controlled by attenuator, continuously variable from 0 to 1.0 volt. Wired for crystal control (no crystal included). Crystal may be obtained later and installed easily. For 110 volts, 50/60 cycles A.C. Size:  $13 \times 13 \times 7$ ". Shpg. wt. 26 lbs.

**K21635—CASH PRICE \$57.04**  
Terms: \$5.70 down; \$7.06 mo. for 8 mos.

Model 180X—As above, but complete with crystal.  
**K21788—CASH PRICE \$65.86**  
Terms: \$6.58 down; \$8.15 mo. for 8 mos.

### Model No. 170

Same as Model 180, less output meter.  
**K21636—CASH PRICE \$47.63**  
Terms: \$4.76 down; \$5.89 mo. for 8 mos.

## PRECISION E-200 Signal Generator



Uses the Precision A.V.C. Substitution System, specifically designed for servicing by signal substitution. A complete instruction book (Servicing by Signal Substitution) included free with each instrument. Simplifies precise circuit alignment. Provides bias for converter to receiver, to replace the AVC and permit alignment of circuits without AVC interference. Frequency range 90 kc. through 83 mc. in 6 bands. Large, full-vision, chrome finished  $6\frac{1}{2}$ " dial with vernier; Separate 400 cycle modulator permits variable % modulation, and external audio signal. Self-shielding co-axial cable and outlets. Thoroughly shielded for minimum leakage. With dual R.F. attenuation network for output control. Housed in black ripple, heavy gauge steel case, with carrying handle:  $12 \times 10 \times 6$ ". For 110 volts, 60 cycles A.C. Shpg. wt. 19 lbs.

**K21715—Complete with instruction textbook, "Servicing by Signal Substitution."**  
**CASH PRICE \$35.23**  
Terms: \$3.52 down; \$5.81 mo. for 6 mos.

## RCA No. 161 Signalyt

This RCA Signalyt offers features previously found only in laboratory type signal generators. A "must" for television and frequency modulation. Features: All frequencies in fundamentals; Magnetite core coils and air trimmer capacitors; die-cast shielded ladder-type attenuator with direct reading in microvolts with meter; large dial (approximately 90 inches in length); bands in three colors; output available at end of coaxial cable, D.C. connection for standard as well as television xtal calibrator, gives direct calibration of instrument. Range: 100 kc. to 120 mc. in 10 bands, all fundamentals. Accuracy  $\pm 1\%$  over entire frequency range. Max. output: .05 volts low range; 3 volts high range. Metering circuit useful as zero beat indicator in calibration work. In handsome modern cabinet with carrying handle, size:  $14 \times 9 \frac{1}{2} \times 8$ " deep. Shpg. wt. 25 lbs.



**K21738—CASH PRICE \$107.50**  
Terms: \$10.75 down; \$13.30 mo. for 8 mos.

## RCA Electronic Sweep-Test Oscillator No. 150



Has own internal frequency modulator for oscillograph alignment. Frequency range 90-32,000 kc. (9.4 to 3300 meters) on

fundamental frequencies only—6 ranges. Internal 400 cycles at 30%, or external amplitude modulation. High r.f. output—.25 volts; negligible leakage; 3-step attenuator plus continuously variable control. Illuminated 4" dial (scale length 45") with two ratios, 1:1 and 5:1. Uses: 6A7, 6F7, 2-6C6 and an 80. Steel cabinet.  $13 \frac{1}{2} \times 9 \frac{1}{2} \times 7 \frac{1}{2}$ ". For 110 volts, 50/60 cycles a.c. Shpg. wt. 19 lbs.

**K21547—With Tubes \$64.50**  
Terms: \$6.45 down; \$7.98 mo. for 8 mos.

## RADIO CITY 702 Signal Generator



Improved modern oscillator, with wide range of useful test frequencies, from 95 kc to 100 mc. Fundamentals to 25 mc. Accurate, direct calibration. AF modulation 30%

at 400 cycles, also available separately for audio tests. Provision for external modulation or "wobulator" connection for scope work. Triple shielded and with RF filters. 5 step ladder attenuator. Attractive case,  $8 \times 11 \frac{1}{2} \times 5$ ". For 115 volts, 50/60 cycles A.C. Shpg. wt. 16 lbs.  
**K21720—CASH PRICE \$22.49**

## MILLION "OD" Signal Generator



Precisely engineered. Employs an RF or buffer stage following oscillator, to avoid frequency modulation. Range 100 kc. to 25 mc. AF signal for modulation available separately, with control for varying output. RF controlled by dual range attenuator, one for fine, other for coarse adjustment. Heavily shielded. For 110 volts AC or DC. Attractive etched bronze panel with ivory knobs, mounted in metal case, size:  $7 \times 10 \times 6$ ". Complete with tubes, etc. Shpg. wt. 10 lbs.

**K21719—Your Cost \$19.95**

## RCA BF Audio Oscillator No. 154



From 30 to 15,000 cycles. Choice of 3 output impedances. Output frequency 30-15,000 cps.  $\pm 1$  db from 30 to 10,000 cycles, down 2 db at 15,000. Output voltage; open circuit 37.5 volts; 5000 ohm load, 25 volts; 500 ohm load, 7.5 volts; 250 ohm load, 5.2 volts. Power output 125 milliwatts. Hum level, minus 60 db below maximum output. Distortion, less than 5% rms over entire range. 1.0 ampere fuse protection. In grey wrinkle finish cabinet.  $9 \frac{1}{2} \times 13 \frac{1}{2} \times 6 \frac{1}{2}$ ". For use on 110 volts, 50/60 cycles a.c. Uses: 2-6J7's, 5W4, 6C5, 6J5. Wt. 17 lbs.

**K21443—CASH PRICE, With Tubes \$49.95**  
Terms: \$4.99 down; \$6.18 mo. for 8 mos.

## JACKSON MODEL 652 A.F. OSCILLATOR



New Basic Principle — Resistance Capacity Tuned

The basic design of this new instrument is entirely different from the "beat frequency" type of Audio Oscillator, thereby eliminating all the characteristic faults of the beat audio method. No RF circuits vastly simplify the instrument, also accounting for its remarkable accuracy and stability of output frequency. Features: Resistance Capacity Tuned Circuit Design for modern audio measurement needs; No Zero adjustment — tuned fundamental frequency method provides permanently locked calibration; Full range, 20 to 20,000 cycles in 3 bands; Accuracy — freq. calibration to within 3% or 1 cycle; Scale length 25"; Output Impedance, 10/250/500/5000 ohms/HIGH, controlled by selector switch; output control continuously variable from zero to maximum; less than 5% harmonic distortion at all freqs. Meets most exacting requirements as to wave form, uniform freq. characteristic and output load impedance selection. For 105-120 volts, 50/60 cycles A.C. Supplied with 1-80, 1-6SJ7, 2-6F6. Size:  $13 \times 9 \frac{1}{2} \times 9 \frac{1}{2}$ " deep. Shpg. wt. 30 lbs.

**K21785—CASH PRICE \$63.10**  
Terms: \$6.31 down; \$7.81 mo. for 8 mos.

## JACKSON MODEL 640 TEST OSCILLATOR



Has full range direct reading dial from 100 kc. to 30 mc. All ranges fundamental frequencies. Push button selection of all ranges for speedy and accurate operation. Glass enclosed dial; two circuit attenuator for variable and vernier control. Powerful signal output which may be used as pure RF or modulated RF carrier, obtainable at approximately 30%. AF voltage obtainable for external use. Accuracy to  $\frac{1}{2}$  of 1% on all ranges. Complete with three 6C5 tubes. Unit-welded steel case, gray morocco baked enamel finish;  $8 \frac{1}{2} \times 8 \frac{1}{2} \times 6$ ". For 110 volts, 60 cycles a.c. Shielded cable furnished. Shpg. wt. 15 lbs.

**K21652—CASH PRICE \$29.35**  
Terms: \$2.93 down; \$4.84 mo. for 6 mos.

# SIGNAL TRACERS



## "Chanalyst"

The servicing of any radio, new or old, can be done easier and faster with a Chanalyst than with any other type of test instrument. The Chanalyst permits you to follow the signal like a bloodhound from the antenna coil in the receiver right through

each succeeding stage to the speaker voice coil. It shows you instantly where the signal gets weaker, distorted or disappears altogether. Range: 95 to 1700 Kc. It measures voltages in any part of the receiver without affecting its operation. This feature is valuable in checking control voltages of AFC and AVC circuits. The Chanalyst provides the only satisfactory means of checking for intermittents. It will check oscillator frequency of a superhet and power consumption in watts with equal facility. Includes 5 test channels with separate indicators. Shielded leads included with special probe handles incorporating the coupling capacity for r.f. and i.f. channels.

### SPECIFICATIONS

**RF-IF Channel**—Range: 95 kc. to 1700 kc. Frequency calibration  $\pm 2\%$ . Sensitivity (to close eye) approximately 50 micro-volts. **Oscillator Channel**—Range: 600 kc. to 15,000 kc. Frequency calibration  $\pm 2\%$ . **Audio Frequency Channel**—Range: 150 cycles to 150,000 cycles. Sensitivity approximately 0.15 volt. **Electronic Voltmeter Channel**—Ranges: -5 to +5, -25 to +25, -100 to +100, -500 to +500 volts. Input impedance 10 Megs. **Wattage Channel**—25 to 250 watts. Accuracy  $\pm 10\%$  (assuming 80% power factor of load). Instrument operates from 110 V. 50/60 cycles a.c. Shpg. wt. 30 lbs. Size: 14x9x9 $\frac{1}{4}$ ".

KZ1666—Model 162

**CASH PRICE**

**\$107.50**

Terms: \$10.75 Down, \$13.30 per Month for 8 months.

## JACKSON Dynamic Signal Analyzer



A complete signal tracing instrument that does not require any other equipment except a good test oscillator to apply a signal to the receiver. No "special" type of oscillator is needed. It will check a signal right from the antenna through the r.f., i.f. and a-f. sections to the

speaker voice coil. Noise, distortion or hum are quickly located at their source. Meter readings of actual gain simultaneously indicated while audible tests are being made. The Jackson Signal Analyzer will make all measurements on direct reading meters without the need for balancing adjustments for making the readings. It will greatly increase the usefulness of any oscillograph. For example, the demodulated signal can be observed throughout the entire RF and IF systems providing a visual test for distortion, etc. The Signal Analyzer amplifies and demodulates the receiver signal for observation on the oscillograph screen. Resonance curves of individual stages can thus be obtained. Range: 90 kc. to 16 mc. For 105-125 V. 50/60 cycles a.c. Case: 17x8 $\frac{3}{4}$ x7 $\frac{1}{4}$ ". Complete with 7 tubes, leads, and instructions. Model 660—Shpg. wt. 25 lbs.

KZ1708—CASH PRICE

**\$77.91**

Terms: \$7.79 Down, \$9.64 Monthly for 8 months.

## HICKOK Indicating Traceometer Model 155 5 Precision Meters



This new complete dynamic signal tracer with its five precision meters permits you to measure and trace the signal in five circuits at the same time! And it will do this **without affecting the operation of the set!** It will measure the signal in microvolts at any point in the RF or IF section. It will measure the oscillator voltage throughout its entire range. It will also measure: DC voltage, A.F.C. and A.V.C. voltage, etc. It will measure AC voltages including audio signals in any part of the circuit. Can be used to check power consumption of any AC operated device in watts up to 300 watts. Has self-contained voltage regulation for the vacuum tube voltmeters. All controls clearly marked. Complete operating instructions supplied go into great detail regarding the use of this instrument for testing and analyzing all types of circuits including superheterodyne, radio frequency, intermediate frequency, oscillator, automatic volume control, automatic frequency control, etc. Size: 13x16x10". Shpg. wt. 60 lbs.

KZ1739—

**CASH PRICE**

**\$120.54**

Terms: \$12.05 Down, \$14.91 per Month for 8 months.

## Meissner ANALYST 5 Separate Channels



A complete service instrument containing in one unit five separate channel analyzers. Each one performs a separate function in localizing receiver troubles. One channel permits complete audio analysis including gain measurement, hum location, etc. The second channel is an electronic voltmeter with a constant input impedance of 10 megohms on all ranges and checks all operating and control voltages without affecting the operation of the receiver under test. The third channel is for completely analyzing oscillator circuits in superheterodynes. The fourth is for tracing the signal through the RF and IF channels and has a range from 95 to 1700 kc. The fifth and last is a line current indicator which shows the power consumption of the receiver under test. The ANALYST is complete with all tubes, all extras such as cables, etc. and with full instructions for operation. Size: 9 $\frac{1}{2}$ x13 $\frac{1}{2}$ x10 $\frac{1}{2}$ ". Shpg. wt. 35 lbs.

KZ1706—

**CASH PRICE**

**\$69.50**

Terms: \$6.95 Down, \$8.60 per Month for 8 months.

## CARRON Model CCH Signal Tracing Amplifier



Checks both gain and frequency in any RF or IF stage. Checks by means of a 6U5 "eye" tube and a built-in speaker. Range: 55 kc. to 17 mc. in 5 bands. Quickly checks source of intermittents, oscillator failure and low gain stages. Employs 7 tubes. Input cable—co-axial. Input capacity—2 mmfd. Size: 9x9x7". Shpg. wt. 18 lbs.

KZ1781—Your Cost

**\$39.20**

## 562 "Audolyzer"

## SUPREME

## 560 "Vedolyzer"

### Signal Tracer with Loudspeaker



Complete functional signal tracer. Checks operation of every joint, component and circuit from antenna to loudspeaker, by tracing signal. Instantly discloses faulty part where signal loses gain or dies, where distortion, intermittents, regeneration, oscillation or noise occurs. Built-in loudspeaker allows listening for defect without adjusting Audolyzer controls for every test. Reads gain direct on

meter. Electronic voltmeter, 6 ranges, 15 megs. impedance on all ranges: 0/1/3/10/30/100/300/1000 volts DC plus or minus. Checks all operating and control voltages such as grid bias, AVC, AFC, etc. without interference with set operation. Checks set oscillator and IF frequencies. Range 90 kc. to 14.5 mc. Can be used as field strength meter and noise locator. Electronic ohmmeter range  $\frac{1}{2}$  ohm to 1,000 megohms in 6 ranges. Audolyzer can be used with any standard scope for RF and IF analysis. Multiple channel tests. With RF and AF cables. Oak case: 17 $\frac{1}{2}$ x12x9 $\frac{1}{4}$ ". Shpg. wt. 32 lbs.

KZ1683—

**CASH PRICE**

**\$76.93**

Terms: \$3.50 Down, \$6.49 per Month for 12 months.

### Signal Tracer with Oscilloscope



Complete Signal Tracer and simultaneous Dynamic Tester. Only Signal Tracer that checks all standard broadcast, frequency modulation and television receivers. High frequency oscilloscope using modern video type amplifier, 30 cycles to 4.5 mc. wide, shows actual wave form, distortion, noise, intermittents, etc., right through from antenna to loudspeaker. Checks alignment of standard

and frequency modulation receivers and television. Shows true form of sync pulses, pedestals, etc. in complex television wave. Checks form of television sweep circuits, phase distortion, etc. Shows all simultaneous effects in any circuit including gain, hum, distortion and noise. Reads gain direct on meter. Electronic voltmeter ranges: DC volts 0/2/6/20/60/200/600 at 15 megs. input all ranges. Also DC volts 0/20/60/200/600/2000/6000 at 150 megs. constant input impedance. AC volts 0/3/9/30/90/300/900 all at 15 megs. impedance. Ohms:  $\frac{1}{2}$ /1000/10M/100M/1 meg./100 meg. Multiple channel tests. Wavemeter checks local oscillator and IF frequency and drift. Oak case: 17 $\frac{1}{2}$ x12x9 $\frac{1}{4}$ ". For 110 V. 60 cycles a.c. Complete with 2-hf and 1-lf cables. Shpg. wt. 40 lbs.

KZ1684—CASH PRICE

**\$126.91**

Terms: \$13.50 Down, \$10.63 per Month for 12 months.

# OSCILLOSCOPES

## DUMONT 3" Model 164 Oscillograph



A three inch instrument meeting the requirements of the service engineer and the amateur. Employs the type 2501A3 (green) Teletron interchangeable with the type 906. Amplified sweep uses a type 885 as sawtooth oscillator. Separately controlled horizontal amplifier has a gain of 40 and the

vertical amplifier has gain of 70 from 15 to 30,000 sinusoidal cycles per second. Provision for applying signals direct to deflection plates at rear of unit without removing cabinet. Two power supplies deliver 1125 volts accelerating potential and 415 volts amplifier potential. Removable calibrated scale is provided for accurate determinations. Size:  $11\frac{1}{2} \times 7\frac{1}{2} \times 13$  in. Shpg. wt. 25 lbs. For 115 V. 40/60 cycles a.c. operation.

**K21557—With tubes. \$53.41 CASH PRICE.**  
**Terms: \$5.34 Down, \$6.61 month for 8 mos.**

**5" Model 208**  
 Employs the larger 5" Type 2511A5 Teletron. Ideal for all laboratory applications as well as for the advanced engineer. Amplifiers flat from 2 to 100,000 sinusoidal cycles per second. Extended sweep frequency range: 2 to 50,000 cycles. Nearly 15-inch time base. Freedom from pattern-drift. For 115 V. 40/60 cycles a.c. operation. Size:  $14\frac{1}{2} \times 8\frac{1}{2} \times 19\frac{1}{2}$  in. Shpg. wt. 60 lbs.

**K21782—With tubes \$149.35 CASH PRICE.**  
**\$14.93 Down, \$18.48 month for 8 months.**

## SUPREME Model 546 3" Oscilloscope



Laboratory type oscilloscope for all radio, PA and television testing. Produces single or double image alignment patterns. Linear amplifier response from 15 to 90,000 c.p.s. Linear sawtooth oscillator 15 to over 30,000 cycles. Tube lineup: 1-3" cathode ray tube, 2-6C6 tubes for vertical and horizontal amplifier circuits, 1-885 gas triode for timing oscillator circuit and 2-80 rectifier tubes in a specially designed power supply. Oak case  $7\frac{1}{2} \times 11\frac{1}{2} \times 13\frac{1}{2}$  in. For 110 V. 50/60 cycles a.c. Complete with tubes and instructions. Shpg. wt. 25 lbs. **\$63.21**

**K21598—CASH PRICE.**  
**Terms: \$7.00 Down, \$5.33 mo. for 12 mos.**

## DUMONT Electronic Switch



For use with any oscilloscope similar to the above. Permits comparison of two wave forms at the same time. Ideal for checking amplifier input and output, both phases of p.p. amplifiers, etc. Signals can be observed individually or super-imposed. Two units can be connected to provide 3 channels. Supplied complete with tubes and instructions. For 115 V. 40/60 cycles a.c. Size:  $7\frac{1}{2} \times 11\frac{1}{2} \times 13$  in. Wt. 25 lbs.

**K21783—CASH PRICE \$63.11**  
**Terms: \$6.31 Down, \$7.81 month for 8 mos.**

## RCA Cathode-Ray Oscillographs



**Model 155 3" Oscillograph.** For Laboratory, Service Shop or School. Employs type 906P1 tube and two 6C6 for vertical and horizontal amplifier stages, one 884 timing oscillator stage and two 80 rectifier tubes in power supply. Total number of tubes—6. All controls on front panel, easily adjustable bar type. 20 volts (RMS) per inch deflection without amplifier; 0.5 volt (RMS) per inch with amplifier. Amplifier response flat from 20-90,000 c.p.s. Amplifier gain—40. Timing frequency from 15 to 22,000 c.p.s. For use on 110 V. 50/60 cycles a.c. Chrome etched panel in baked wrinkle lacquer case:  $15 \times 8 \times 14$  in. Complete with tubes and instructions. Shpg. wt. 32 lbs.

**K21447—CASH PRICE \$63.95**  
**Terms: \$6.39 Down, \$7.91 month for 8 mos.**

## 5" Model 160

A de luxe portable oscillograph with a 5" screen for large clear images. Few controls, all of which are on the front panel, for easy operation. Has a timing range from 4 to 22,000 c.p.s. The vertical amplifier response (at full gain) from 3 c.p.s. to 50 kc. The horizontal amplifier response is from 5 c.p.s. to 100 kc. Its large image size and the extended range of this unit make it ideal for laboratories and schools. Shpg. wt. 40 lbs. **\$130.00**

**K21442—CASH PRICE \$130.00**  
**\$13.00 Down, \$16.09 month for 8 months.**

# PORTABLE TESTERS

## SUPREME Model 549-P Electronic Volt-Ohmmeter and Circuit Tester



Portable electronic (vacuum tube) volt-ohmmeter with standard provisions for AC volts, output volts and DC current readings. Constant input impedance of 15 megohms. Does not affect circuits under test. Measure AVC, AFC, grid bias or any DC or control voltage accurately during operation. **DC Volts—0/2/6/20/60/200/600.** Ohms— $\frac{1}{2}$ /1000/100,000. Megohms—1/10/1000. Single zero adjustment.

**AC Volts—0/5/15/50/150/500.** DC Current— $0\frac{1}{2}$ /5/15/50/150/500 milliamperes; 0/15 amperes. Decoupling type test probes included. Oak case with cover. Size:  $11\frac{1}{2} \times 10\frac{1}{2} \times 5\frac{1}{2}$  in. 110 v. 60 cy. **\$41.65**

**K21760—Shpg. wt. 12 lbs. CASH PRICE.**  
**Terms: \$5.00 down, \$4.18 per month for 10 mos.**  
**K21761—Model 549-M. Same as above but in open face metal case. Size:  $11\frac{1}{2} \times 10 \times 4\frac{1}{2}$  in. CASH PRICE \$39.15**  
**Terms: \$5.00 down, \$3.90 per month for 10 months.**  
**K21762—High Voltage Test Leads. Increase range of above models to DC Volts—0/20/60/200/600/2000/6000. Your Cost \$5.63**

## WESTON Model 772 Supersensitive Analyzer 20,000 Ohms per Volt



Ideal for checking and adjusting frequency modulation receivers. Because of frequency limitations of present visual aligning equipment, current measurements down to 1 microampere offer the only means of checking IF alignments, cut-off point on limiter tubes and adjustment of discriminators. Additional ranges for all customary voltage, current and resistance measurements. Ranges provided: **AC and DC Volts: 2 1/2/10/50/250/1,000;** **DC Mills—1/10/100/500/250;** **DC Amperes—1/10; Ohms—3,000/30,000/3 Meg./30 Meg.;** **Decibels—-14 to +2, -2 to +14, +12 to +28, +26 to +42 and +38 to +54. Large 4 1/2" meter. Accuracy 2% on DC and 3% on AC at normal frequencies.** **15 1/2 x 5 1/2 x 8 3/4" Shpg. wt. 11 lbs.**

**K21523—CASH PRICE \$49.50**  
**Terms: \$4.95 down, \$6.12 per month for 8 months.**  
**K21712—Model 766 Televeter. Makes a 5000 V. tester out of any 20,000 ohm per volt meter. Your Cost \$18.75**

## TRIPLET Model 1600-E Ultra-Sensitive Tester



Has a 7" Red Dot lifetime guaranteed meter. 25,000 ohms per volt DC sensitivity. Each scale in a contrasting color. Ranges: **DC Volts—0/10/50/250/1000 at 25,000 ohms per volt. AC Volts—0/10/50/250/1000 at 1000 ohms per volt. Plug-in copper-oxide rectifier easily replaced in case of overload, is used to obtain AC readings.** **DC Current—0/50 amperes, 1/2/500 low ohms, shunt type circuit; 20,000/200,000/2,000,000 ohms series circuit with built-in battery and 20,000,000 with external 22 1/2 V. battery (not supplied). Maroon case, ivory panel. Size:  $15 \times 9 \times 4$  in.**

**K21790—Shpg. wt. 17 lbs. \$24.99**  
**Your Cost**

## TRIPLET Model 1252, Vacuum Tube Voltmeter with the "RedDot" Lifetime Meter



**Self-Calibrating.** Separate d.c. movements for galvanometer (for checking bridge balance) and voltmeter. Reads a.c. and d.c. volts in 4 ranges: 3-15-75-300 volts. Has "Red Dot" lifetime meter. Tube at end of cable. Input capacity less than 6 mmfd. Input resistance 10 megohms on a.c. The initial operation of adjusting bridge at zero level insures exact calibration independent of tube value, or when replacing tubes. Brown suede enameled case with snap-on cover.  $7\frac{1}{2} \times 6\frac{1}{2} \times 5\frac{1}{2}$  in. 115 V. 60 cycles a.c. **\$47.37**

**K21710—Cash Price \$47.37**  
**Terms: \$4.74 Down, \$5.86 month for 8 mos.**

## SIMPSON "High Sensitivity" Set and Television Tester



Sensitivity 20,000 ohms per volt on D.C. and 1,000 ohms per volt on A.C. Ranges: **A.C. and D.C. Volts—2.5/10/250/250/1000/5000;** **D.C. Milliamperes—10/100/500;** **D.C. Microamperes—50/100;** **Resistance—1000/100,000 ohms—10 Megohms;** **Decibels—5 ranges—-10 to +52 db. 4 1/2" meter, bakelite case, 5 1/2 x 7 x 3 in. Shpg. wt. 10 lbs.**

**K21713—Model 260. \$26.95**  
**Your Cost**  
**Model 215—Same appearance as above but 5,000 ohms per volts D.C. and 1,000 A.C. Ranges: A.C. and D.C. Volts—2.5/10/250/1000/5000;** **Milliamperes—10/100/500;** **Microamperes—250; DB. -12 to +52; Ohms—4000/400,000/4 Megs. \$22.39**  
**K21714—Your Cost**

**\* USE OUR EASY TIME PAYMENT PLAN \***

# Portable VOLT-OHM MILLIAMMETERS



## RIDER "Vo.tOhmyst"

An electronic DC Voltmeter-Ohmmeter with extremely wide ranges. Does not load or interfere with circuit under test. Measures, DC, from .05 to 5000 volts; input resistance up to 5000 volts is 16 meg., and 10 meg. to 5000 volts.



Resistance measurements from 0.1 ohm to 1 billion ohms. (One zero adjustment, and only one scale to read. Accurately measures AFC, AVC, or any DC or control voltage. Operation simplified due to minimum controls and thorough design.) Large single scale modern meter, with attractively etched front panel. Metal case, 7 1/2 x 8 1/4 x 1 1/2", finished in ripple grey. Shpg. wt. 18 lbs. **\$57.50**  
**K21707—CASH PRICE**  
 Terms: \$5.75 down, \$7.11 mo. for 8 mos.

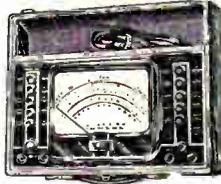
## Model 135 "Jr. VoltOhmyst"

A more compact version of the original Volt-Ohmyst. Almost as accurate as the larger unit and ideal for the service shop and similar applications. Shpg. wt. 11 lbs. **\$34.95**  
**K21773—CASH PRICE**  
 Terms: \$3.50 down, \$5.77 mo. for 6 mos.

## SUPREME Model 547

### Multimeter

A meter so easy to use that you'll enjoy operating it. Auto-manual type push-button switches for selection of ranges and functions are fast and easier to set than rotary switches. The large 7" square illuminated meter is easy to read even in dark corners and at a distance. Ranges available: **DC Volts**—0/6/30/150/300/600 at 2% accuracy and 3000 at 3% accuracy. Sensitivity 1000 ohms per volt. **AC Volts**—0/6/30/150/300/600/3000 at 3% using patented temperature-compensated rectifier circuit. Six output meter ranges with built-in coupling capacitor. **DC Mills**—0/6/30/150/300/600. **Resistance**—0/2M/20M/200M ohms with built-in battery. **0/2/20 Megs** with built-in powerpack. **Decibels**—10 to 4/18/32/38/44 on 500 ohm line. **Capacity**—0/0.2/2.0/20 Mfd. Oak case with cover: 13 1/2 x 11 1/2 x 5". For 110/125 V., 60 cycles. Shpg. wt. 12 lbs.



**K21763—Model 547P** **\$35.77**  
**CASH PRICE**  
 Terms: \$4.00 down, \$4.02 mo. for 9 mos.  
**Model 547-M**. Same as above but in open face metal case for bench use. 13 1/4 x 12 1/4 x 5".  
**K21764—Model 547-M** **\$33.27**  
**CASH PRICE**  
 Terms: \$4.00 down, \$4.17 mo. for 8 mos.

## READRITE "BIG BOY"

The Meter With the 6" Scale

One of the most sensational values in a Volt-Ohm-Milliammeter to reach the market! Think of it—a meter with a six inch scale and a DC sensitivity of 5000 ohms per volt! A genuine D'Arsonval type instrument with two genuine sapphire jewel bearings at only \$17.49! It is housed in a modern styled metal case finished three attractive colors—maroon body, rich cream-ivory panel and red trim and markings. Handle attached. Ranges: **DC Volts**—0/10/50/250/500/1000 at 5000 ohms per volt. **AC Volts**—0/10/50/250/1000 at 1000 ohms per volt. (Volts/Decibel comparison chart furnished.) **DC Milliampers**—0/1/10/100. **Resistance**—0/1500 ohms (shunt type, battery included), 0/100,000 ohms, 0/750,000 ohm and 0/7.5 Meg. with extra 2 1/2 V. battery. 0/15 Megs. with two extra 2 1/2 V. batteries. (Space provided but 2 1/2 V. batteries not furnished.) Knob operated zero adjustment. Furnished complete with instructions and accessories including test leads and battery for 0-1500 ohm range. Case dimensions: 11 1/4 x 7 3/4 x 4 1/4". Shpg. wt. 18 lbs. **\$17.49**  
**K21796—Your Cost**



## Triplett Automatic Volt-Ohm-Milliammeter

### Model 1200-F

A unique tester on which only one button need be depressed to make any test. All are locking type and of different color for AC and DC voltages, current and resistance. Ranges: **DC Volts** (at 25,000 ohms per volt) and **AC Volts** (at 1000 ohms per volt)—0/10/50/250/500/1000. **DC Mills**—0/1/10/50/250. **DC Microampers**—0/50. **Resistance**: 0/500 ohms (shunt circuit); 0/300,000 ohms; 0/3/30 Megs. Self-contained batteries. **Red Dot** Lifetime Meter. Metal Case: 7 1/2 x 6 1/2 x 5 1/4". Shpg. wt. 13 lbs. **\$27.28**  
**K21792—CASH PRICE**  
 Terms: \$2.73 down, \$4.50 mo. for 6 mos.



## SIMPSON Giant Set Tester

With 9" Illuminated Meter

Entirely AC operated and requires no batteries of any kind. All voltage ranges both AC and DC have a resistance of 1000 ohms per volt. Illuminated dial meter is 9" wide and 2 1/4" high. Provides 60 different ranges. **DC scales** in black. **AC** in red. Ranges: **AC and DC Volts**—0/3/7.5/30/75/150/300/750/1500/3000; **DC Mills**—0/1.5/7.5/15/75/300/750; **Ohms**—500/50,000/500,000/5 Meg./50 Megs.; **Capacity Mfd.**—0001/05/5/50/50; **DB**—seven ranges from -20 to +48. Metal case 10x16x5 1/2". Shpg. wt. 16 lbs. 3000 volts. Insulated test leads included. **K21726—Model 320. CASH PRICE \$36.75**  
 Terms: \$3.68 down, \$6.06 per mo. for 6 mos.



## TRIPLETT 1200 Series

### Volt-Ohm-Milliammeters

**Model 1200A**: Improved tester with "RED DOT" life-time guaranteed meter. Black suede enamel finished portable case. Separate AC and DC movements. DC ranges: 0-10-50-250-500-1000 volts at 2000 ohms per volt; 0-1-10-50-250-500 milliamperes; low ohms 1/2 to 500, high ohms 1500, 1.5 and 3 meg. AC range: 0-10-50-250-500-1000 volts. Dim.: 7 1/2 x 6 1/2 x 5 3/8". With self-contained batteries. Wt. 12 lbs. **\$21.40**  
**K21483—Your Cost**  
**Model 1200C**: Like 1200A but with 5000 ohms per volt DC meter and has 250 microampere and 7.5 megohm scales. A more sensitive instrument for only a few cents more. Same size and style of case as above. **K21559**  
**Your Cost Complete**  
**Model 1200E**: Like 1200A but with 25,000 ohms per volt DC meter and ohms scale 1/2 to 1000; 40,000 ohms, 4 and 40 meg. Also has 50 microampere range. **K21563—Cash Price**  
 Terms: \$2.53 down, \$4.18 per month for 6 months.



**\$22.38**

**\$25.32**

## RADIO CITY Model 414 Multitester

Employs the well known R.C.P. system of AC measurements to insure higher accuracy, greater ruggedness and far more sensitivity than is obtainable with the copper-oxide rectifier method. Also is less subject to frequency, temperature and wave form errors than the latter type. Scales practically linear; coincide with the DC scales eliminating confusing calibration caused by a crowded AC scale. D'Arsonval 4 1/2" meter with 500 microampere sensitivity for full scale deflection. Meter is instrument fuse protected. Specifications: sensitivity—2000 ohms per volt; **DC Volts**—0/5/50/250/500/1000; **AC Volts**—0/10/100/500/1000/5000; **DC Mills**—0/10/50/250/1000; **DC Amps**—0/1/5/25; **Capacity**—0/0.03/3/30/300 Mfds.; **Low Ohms**—0-100 (2 ohms center)—self contained battery operated; **Ohms**—0/15000/150,000 self contained battery operated; **Megohms**—0/1.5/15 self-contained power supply operated. Inductance—20/1000 millihenrys—25/100/1000/10,000 henrys. Open face bench type hardwood case. 4 1/2" meter. 9 1/2 x 9 1/2 x 5 1/4". **\$21.50**  
**K21741—Shpg. wt. 6 lbs. Your Cost**  
**Combination Model 414-P**  
**K21742**—Combination portable-bench type with 2 1/4" deep cover to mount an analyzer unit in cover. Maple case. **\$24.01**  
**Your Cost**



## PRECISION Series 844

Includes ranges of 6000 volts both AC and DC, 10 Megohms and 12 Amperes. 4 1/2" meter with an accuracy of 2% on DC and 3% on AC ranges. Ranges: **AC and DC Volts** at 1000 ohms per volt—12/60/300/600/1200/6000; **DC Current**—1.2/12/60/300/1200 Ma. and 0/12 Amperes. **Resistance**—400/100,000 ohms and 1/10 Megohms. **Decibels**—-12 to +70. Housed in a hardwood case with handle. Dimensions: 7x8x4". Less batteries and test leads. (Requires 4 1/2 V. and 45 V. batteries.) Shpg. wt. 6 lbs. Model 844L. **\$22.49**  
**K21657—Your Cost**  
**Model 844-P**—Same with cover and tool compartment. 9x10x6". Portable. **K21656—Your Cost** **\$24.45**



## PRECISION Series 832

Range Up To 1200 V.—DC and 2400V.—AC  
 A popular price on an excellent value! A really fine instrument priced low enough to make it attractive to amateur and professional alike. Incorporates a new extra large—3 1/2"—modern meter. Scale length, visibility and ease of reading never before obtainable in small low priced multi-range testers. It is simple to operate—a single master rotary range selector allows all measurements, except the high AC and DC voltages, at only two polarized pin jacks. Ranges: **DC Volts** at 1000 ohms per volt—6/30/150/300/600/1200; **AC Volts** at 500 ohms per volt—12/60/300/600/1200/2400; **DC Current**—0/1.2/12/120/600 Ma.; **Resistance**—5000/500,000 on internal battery and to 5,000,000 on external battery; **Decibels**—-10 to +64 db in 6 ranges; **DC Microamps** 0/1200. Hardwood walnut finished case with leather handle and battery. Size: 7x4 1/2 x 3". Less test leads. Shpg. wt. 6 lbs. **\$14.65**  
**K21771—Your Cost**



# Popular Pocket and Portable Testers

## TRIPLETT Model 666 Universal

### Volt-Ohm-Milliammeter

Red • Dot Instrument  
Lifetime Guaranteed

Provides following meter ranges: d.c. volts, at 1000 ohms per volt: 0/10/50/250/500/1000; a.c. volts at 1000 ohms per volt: 0/10/50/250/500/1000; low ohms from 1/2 to 300, high ohms to 250,000; d.c. milliamperes 0/1/10/50/250. Provisions for external batteries for higher resistance measurements. Has zero adjustment. Black molded case measures 3 1/4 x 5 3/8 x 2 1/8". Battery and test leads with alligator clips included. Shpg. wt. 4 lbs. **\$13.72**



K10472—Your Cost

### AMATEUR MODEL—5,000 V. TYPE

Model 666-H: Similar to above, but high range type providing: AC and DC volts, at 1000 ohms per volt, 0/10/50/250/1000/5000; DC milliamperes 0/10/100/500; resistance ohms 0/300 (back up scale) and 0/250,000 (series type). **\$14.20**

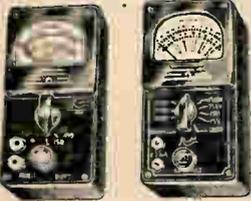
K10475—Your Cost, Complete

K21579—Attractive Leather Carrying Case, for either above units. Your Cost \$3.53

## READRITE "Red Dot" Pocket Meters

All models include the Red Dot Lifetime guarantee meter.

Model 612. Universal pocket size tester. Ranges: AC and DC Volts—0/15/150/450 at 60 ohms per volt. Resistance—0/20,000/100,000 ohms. Employs Triplett 3" jeweled meter. Ohmmeter has current adjuster and current supply is obtained from any 110 Volt AC-DC line. Black molded case. **\$7.79**



case: 3 1/8 x 5 3/8 x 2 3/8". With leads. Shpg. wt. 5 lbs.

K10513—Your Cost

K21579—Leather case for above. Your Cost \$3.53

Model 738. With 1000 ohms per volt DC meter. DC Ranges: Volts—0/15/150/750/1500; DC Mills—0/1 1/2/15/150; Ohms—0/500/500,000. With test leads, etc. Shpg. wt. 5 lbs. **\$7.35**

K10514—Your Cost

Model 739. Like 738 but plus AC volts—0/15/150/750/1500. **\$9.70**

K10515—Your Cost

## SUPREME Model 542 Pocket Multi-Meter

A compact test instrument that incorporates a highly sensitive meter. Housed in a molded bakelite case 5 3/8 x 2 3/8 x 3 1/8". Has pin jack terminals. Following ranges provided: DC Milliamperes—0/0.3/6/30/150; DC Volts—0/6/150/300/1500; AC Volts—0/6/30/150/600; Decibels—-6 to +10, +8 to +24, +22 to +38, +34 to +50. Also provides four output ranges. 3" square meter has knife edge pointer and 200 microampere movement (5000 ohms per volt). Four Ohmmeter ranges up to 2 megohms operate from self-contained batteries. Shpg. wt. 4 lbs. **\$15.97**



Terms: \$4.73 Down; \$4.73 per Month for 3 months.

## SUPREME Model 543 Tester

Compact yet very rugged. 3" meter with knife edge pointer. Sensitivity 1,000 ohms per volt. Ranges DC Volts—0/15/150/600/3000 AC Volts—0/15/150/600/3000 DC Ma.—0/6/60/600. Ohms—0/2000/200,000 with built-in battery. Accuracy 2% DC 3% AC. Molded bakelite case: 5 3/8 x 2 3/8 x 3 1/8". Shpg. wt. 3 lbs. **\$11.71**



K10508—Your Cost

## SIMPSON Model 240 Hi-Volt Tester

For checking high and low voltages as used in television receivers, oscillographs, transmitters, etc. Ranges AC Volts—0/15/150/750/3000. DC Volts—0/15/150/300/750/3000. DC Milliamperes—0/15/150/750. Ohms—0/3000 and 0/300,000 with self-contained batteries. Accuracy—2% DC, 5% AC. 5000 V. insulated rubber leads with rubber covered alligator clips. Bakelite case: 5 1/2 x 2 3/4 x 1 3/4". Shpg. wt. 3 lbs. **\$14.45**



K10485—Your Cost

## Model 235 Hi-Volt Tester

Model 235. 5,000 ohms per volt DC Tester. Ranges: DC Volts—0/10/50/250/500/1000. DC Milliamperes—0/10/100/500. Microamperes—0/250. Resistance—0/2,000/200,000 ohms/2 Megohms. Case: 2 3/8 x 5 1/4 x 1 3/4". With test leads. Shpg. wt. 3 lbs. **\$9.75**

K10484—Your Cost

## DEPENDABLE Model 432 DC Trouble Shooter

9-range volt-ohm-milliammeter with 2" dial D'Arsonval meter, accurate within 2% DC Volts—0/5/150/500/1000 all at 1000 ohms per volt sensitivity. Ohms—0/500/50,000/500,000 (reads as low as 0.2 ohm). Milliamperes 0/1/10. Complete with batteries 5 1/4 x 3 1/2". Shpg. wt. 3 lbs. **\$5.83**



Model 432P—Same as above but in hinged cover case. 6x3x2 3/8". Shpg. wt. 3 lbs.

K10495—Your Cost

**\$7.30**

## DEPENDABLE Model 433 DC Speed-meter

3" Meter 1000 o.p.v. with balancing switch. Eliminates external zero adjustment



Has a 3" square, 1000 ohms per volt meter. Ranges: DC Volts—0/5/50/500/1000, Mills—0/1, Ohms—1/500/500,000. Has automatic ohmmeter balancing switch. Open face hardwood case: 6x3x2 3/8". Shpg. wt. 3 lbs. **\$6.32**

K10496—Your Cost

Model 433-P—(illustrated). Same as above but in portable case with cover. Solid walnut hand rubbed. Shpg. wt. 3 lbs. **\$7.79**

K10497—Your Cost

## Radio City Portables

### DEPENDABLE Model 456 AC-DC Trouble Tracer

Combined AC-DC volt-meter, ohmmeter, milliammeter and decibel meter. 1000 ohms per volt sensitivity. Has D Arsonval type meter with an accuracy of 2%. Ranges: DC and AC Volts—0/5/50/500/1000. DC Milliamperes—0/1/10. Ohms—0/5000/500,000 all with self-contained batteries. Decibels—-12 to +8, +8 to +28, +28 to +48, +34 to +54. Handsome hardwood case: 6x3x2 3/8". A compact, attractive and serviceable meter for any serviceman. Shpg. wt. 3 lbs. **\$7.79**



K10536—Your Cost

### DEPENDABLE Model 446 AC-DC Multitester

Complete general test instrument with 1000 ohms per volt sensitivity. Ranges are: DC Volts—0/5/50/250/500/2500. DC Milliamperes—0/1/10/1000. DC Amperes—0/10. AC Volts—0/10/100/500/1000. Ohms—0/500/100,000/1,000,000. Decibels—-8 to +15, +12 to +35, +26 to +49, +32 to +55. Output ranges same as AC volts. This tester with its large number of ranges, exceptional compactness and high order of sensitivity is an ideal instrument for all general service work either in the lab or on the job. It is sturdily built and will give years of satisfactory service with reasonable care. At its price it is unquestionably one of the finest values ever offered—for the professional, the amateur and the experimenter. Dim.: 3x8 1/2 x 5". Shpg. wt. 5 lbs. **\$9.75**



K10503—Your Cost

## DEPENDABLE Model 412 & Model 413 Multitesters

Pocket size tester with 2500 ohms per volt meter. Ranges: DC Volts—0/10/50/250/1000/5000. DC Current—0/10/100/1000 ma. and 0/10 amperes. Resistance—0/500/100,000 ohms and 1 Megohm. Polished hardwood case: 3 1/4 x 6 x 2 3/8". **\$9.75**



K10498—Your Cost

Model 413—Same as above but plus AC Volts and Output—0/10/50/250/1000/5000 in addition to other ranges.

K10500—Shpg. wt. 4 lbs. **\$12.64**

Your Cost

## DEPENDABLE Model 411 Universal Supertester

3" Meter 5000 o.p.v. 34 Ranges



3" meter—5000 ohms per volt. Meter ranges are: 0/10/100/250/1000/5000 DC Volts; 0/200 DC Microamperes; 0/10/100 DC Milliamperes; 0/1/10/25 DC Amperes db. from -10 to +69 in five stages; 0/400/40,000 ohms and 4 megohms; 0/10/100/250/1000/5000 AC Volts; 0/500 AC Milliamperes; 0/2.5/5/25 AC Amperes; Output Meter same as AC Volts. Wood case—7 1/2 x 5 1/2 x 3 1/2". Shpg. wt. 6 lbs. **\$15.92**

K21673—Your Cost

Portable Model 411-P

As above in case with cover. **\$17.59**

K21711—Your Cost

★ USE OUR EASY TIME PAYMENT PLAN ★

# Modern All-Purpose Test Instruments



## AEROVOX Model 95 "LC" Checker With R.F. Oscillator

Designed to test condensers and inductances in the RF range under conditions simulating actual operation. Measures effectiveness as well as capacity or inductance of coils and condensers. Also ideal for aligning all receivers, tuning wave traps, checking oscillators and wavemeters, etc. Incorporates an oscillator covering from 75 kc. to 26 mc., in 6 ranges. Direct-reading calibration. 6E5 indicator to indicate resonance when coupled to another circuit, etc. Operation from 115 volts, 60 cycles a.c. only. In shielded metal case, dim.: 10 $\frac{1}{2}$ "x7 $\frac{1}{2}$ "x5 $\frac{1}{2}$ ".

Shpg. wt. 6 lbs.

**K21725—CASH PRICE**

Terms: \$2.89 down, \$4.77 per month for 6 months.

**\$28.91**

## AEROVOX Capacity Bridge



Measures all essential properties of condensers under actual working conditions. Resistance bridge also provided, as well as insulation resistance test permitting many other tests. Applies continuously variable polarizing d.c. voltage as well as a.c. to condenser tested, as in actual use. Polarizing voltage shown on meter, which also aids in determining exact leakage at given voltage. 270° main capacity dial spread calibrations for accurate readings. Linear scale covers but one decade per range. Instrument provides vacuum tube voltmeter, voltmeter, millivoltmeter and milliammeter. Has variable-voltage power source. In lock-cornered red gumwood case, natural finish, with slip hinges. Size, 10 $\frac{1}{2}$ "x7 $\frac{1}{2}$ "x8". Wt. 11 lbs.

With Instruction Book. For 110-120 volts, 50/60 cycles a.c. only.

**K21659—**

**CASH PRICE**

Terms: \$3.50 down, \$5.78 per month for 6 months.

**\$35.03**

## CORNELL-DUBILIER Instruments

### "BF-50" Capacitor Analyzer



For measuring all important characteristics of capacitors. Incorporates a "Wien" bridge with single stage of amplification and visual "eye" for measurements. Has built-in power supply (for 110 V., 60 cycles AC) for making leakage and insulation resistance tests. Measures paper, mica, air and electrolytic condensers, from .00001 to 240 mfd. Measures power factor, leakage, tests for shorts, etc. Uses 12A7 and 6E5 tubes. In Walnut portable case, dim.: 6 $\frac{1}{2}$ "x12x9 $\frac{3}{4}$ ". Shpg. wt. 11 lbs.

**K21727—CASH PRICE, Less Tubes**

Terms: \$2.44 down, \$4.03 per month for 6 months.

**\$24.40**

### "BN" Capacitor Bridge



Measures accurately and quickly all capacitors between .00001 and 50 mfd. Employs Wien bridge circuit, with visual "eye" to indicate balanced condition. Has direct reading scale, and employs 2 tubes, a 12A7 and 6AF6G. Indicates power factor, shorts, etc. In Walnut bakelite case, dim.: 3 $\frac{1}{2}$ "x5x3". With test leads and instructions, but less tubes. For 110 V., 60 cycles. Wt. 4 lbs.

**K21728—Each** ..... **\$9.70**

### Capacitor Decades



Accurate standards covering a wide range of capacity in 3 units. For use with adjacent Capacity Bridge or similar precise unit. Capacity range: .0001 to 11.1 mfd. Calibration chart with each. Rating 600 V. DC-220 V. AC; Tolerance  $\pm 5\%$ . Each in Walnut Bakelite case, dim.: 3 $\frac{1}{2}$ "x5x3". Ave. shpg. wt. 4 lbs. ea. **K21729**—0.011 mfd. in .0001 steps. **Your Cost** ..... **\$5.29**  
**K21731**—10.0 mfd. in 1.0 mfd. steps. **Your Cost** ..... **\$9.40**

## A.C.-D.C. Pocket Type Volt-Ohm-Milliammeter



Has moving vane type meter with 2" scale. Ranges: 0/15/150/450 volts a.c. or d.c.; d.c. current 0/15 ma.; resistance ohms 0/20,000/100,000. Operates from 110 volts a.c. or d.c. Bakelite case 1 $\frac{3}{8}$ "x2 $\frac{3}{8}$ "x3 $\frac{3}{8}$ ".

30" test leads.

**K11453**

Your Cost

**\$6.31**



## CI Portable Volt-Ohmmeter

Has 2" D'Arsonval type meter with 1000 ohms per volt sensitivity. Ranges: 0/5/50/500/1000 volts d.c.; 0/500,000 ohms. Self-contained batteries (supplied). Ohmmeter has zero adjuster. Bakelite case with metal back, 1 $\frac{1}{2}$ "x2 $\frac{1}{2}$ "x3 $\frac{3}{8}$ ". Range change by means of plug and jacks. With 30" test leads. Wt. 4 lbs.

**K11450—Your Cost Each**

**\$5.79**

**SIMPLEX Volt-Ohmmeter**: Similar to above, but with magnetic vane type meter. Ranges: 0/3/30/300 volts d.c.; 0/10,000 ohms. Supplied with batteries and 30" test leads. Shpg. wt. 3 lbs.

**K11452—Your Cost Each**

**\$2.91**

## CI Pocket-Sized Volt-Ohmmeter



Voltage range, 0-300 d.c.; resistance range 0-10,000 ohms. Magnetic vane type meter with 2" dial. Volts to ohms with phone tip and jacks. Black wood case 2 $\frac{3}{8}$ "x2 $\frac{3}{8}$ "x1 $\frac{1}{8}$ ". Self-contained batteries. With 30" test leads.

**K11451—Your Cost** ..... **\$2.26**

## SOLAR "Quick Check" Condenser Analyzer



Designed to meet the need for a simple, portable and inexpensive dynamic condenser analyzer. Will quickly select or reject good or bad condensers of all types while they are in the receiver, under actual operating conditions. "Quick as a wink" in operation, and works with equal efficiency to check paper, mica, electrolytic and air condensers. Incorporates a capacity bridge with range from 10 mmfd. to 70 mfd. Complete with tubes (1-25Z6GT, 1-6J5GT, 1-6G5). Case 5x6x4 $\frac{1}{2}$ ". For operation on 110 volts, 60 cycles a.c. only. With leads. Shpg. wt. 6 lbs.

**K10538—Model BQC. Your Cost**

**\$15.43**

Similar to above, but without capacity bridge.

**K10539—Model QC. Your Cost**

**\$11.61**

## New SOLAR Model CE Capacitor "EXAM-ETER"



Makes all measurements necessary to determine the condition of any type condenser used in radio receivers. Qualitative tests for shorts, opens, R.F. impedance, intermittents (dynamic circuit). Quantitative measurements: capacity range from 10 mmfd. to 2000 mfd. in 10 steps; resistance, in five ranges, from 50 ohms to 10,000 megohms; leakage measurements directly on meter in ma.; bridge meter plus power factor scale shows P.F. from zero to 50%. Supplemental features: variable d.c. voltage supply—0 to 550 volts d.c.; d.c. vacuum tube voltmeter for measuring d.c. voltages from 0 to 600 in three ranges; a.c. vacuum tube voltmeter (input resistance 10 meg.) has range from 0 to 30 volts; meter can also be used to check continuity. Employs 1-6L6, 2-6J5GT's. With leads. Portable case 8 $\frac{1}{2}$ "x11 $\frac{1}{2}$ "x5 $\frac{1}{2}$ " high. For 110 volts, 60 cycles a.c. Shpg. wt. 15 lbs. With tubes.

**K21786—CASH PRICE**

Terms: \$3.13 down, \$5.16 per month for 6 months.

**\$31.31**

## SPRAGUE De Luxe "TEL-OHMIKE"



"Tel-Ohmike" provides a simple, accurate means for measuring capacitance and resistance and incorporates a built-in d.c. volt-milliammeter. It will measure capacitances on direct reading scales from .00001 to 2,000 microfarads. Checks paper, mica, oil, wet and dry electrolytic condensers. Measures d.c. resistance from  $\frac{1}{2}$  ohm to 5 megohms, and insulation resistance up to 1,000 megohms. Provides power factor and leakage tests. Built-in power supply (up to 1000 v.) permits checking under direct working conditions. A "magic eye" indicates circuit resonance. The volt-milliammeter has a switch providing 8 ranges: 0/15/50/500/1500 volts d.c. and 0/1.5/15/50 d.c. ma. Switch and pin-jacks permit use of volt-milliammeter for external measurement. Attractive portable case 17 $\frac{1}{2}$ "x9x6". For 110 volts, 50/60 cycles a.c. Shpg. wt. 19 lbs.

**K21787—**

**CASH PRICE**

Terms: \$3.99 down, \$6.59 per month for 6 months.

**\$39.95**

**STANDARD "TEL-OHMIKE"**: Like above, but without volt-milliammeter. In case 13 $\frac{1}{2}$ "x8 $\frac{1}{4}$ "x6 $\frac{1}{4}$ ". Shpg. wt. 15 lbs.

**K21732—CASH PRICE**

Terms: \$2.97 down, \$4.90 per month for 6 months.

**\$29.70**

## TRIPLETT Model 1270 Appliance Tester



For testing small motors and electrical appliances. 5 wattmeter scales 0/20/500/1000/2000/4000 (20-watt range fused); 4 AC scales 0/260 ma., 0/6.5/13/26 amperes; 2 AC voltage scales 0/130/260. Has Triplett "Red-Dot" lifetime guaranteed 4" square Dynamometer type meter. Metal case with black suede enamel finish is 7 $\frac{1}{2}$ "x6 $\frac{1}{2}$ "x5 $\frac{1}{2}$ "; removable strap handle and cover. For 110 v., 60 cycles a.c. With leads for 2-wire circuits. Shpg. wt. 14 lbs.

**K21791—CASH PRICE**

Terms: \$2.92 down, \$4.82 per mo. for 6 mo.

**\$29.23**

# METERS, METER KITS & ACCESSORIES

## LAFAYETTE 3" Square Meters



### 0-1 Ma. D.C.

D'Arsonval moving coil type movement (50 mv.). 3" square bakelite case fits in 2 3/4" panel hole. Zero adjuster. Wt. 2 lbs. **K10694**—Scale reads 0-1. Milliampes DC. **K10696**—Scale reads: Lo-ohms 0-500; Hi-ohms 0-100-500-1000. d.c. ma. 0-1-100; d.c. volts 0-1-100-500-1000.

Your Cost Each, Either Type... **\$3.23**

## Volt-Ohm-Milliammeter Kit

Complete kit of shunts, multipliers, posts, switches, fuse, safety button, battery, etc.—with above meter (K10696). When completed, following ranges are provided: Lo-ohms 0-500; Hi-ohms 0-100 000; d.c. ma. 0-1-100. d.c. volts 0-10-100-500-1000. With diagram instructions and undrilled 7x10" panel. Shpg. wt. 6 lbs. **K10695**—**Complete Kit, Each... \$7.95**

## DEPENDABLE SHUNTS



### For 0-1 Ma. Meters

For increasing range of 0-1 ma. meters. Individually calibrated; accurate within 1/2% of 1%. Tinned lug terminals. 1 watt. All 2 1/4 x 3/4" diameter.

For 30 Ohm Meters			
No.	Mils.	No.	Mils.
K10856	5	K10860	100
K10857	10	K10861	250
K10858	25	K10862	500
K10859	50	K10863	1000

For 50 Ohm Meters			
No.	Mils.	No.	Mils.
K10864	5	K10868	100
K10865	10	K10869	250
K10866	25	K10870	500
K10867	50	K10871	1000

Your Cost Each, Any Above Type... **49¢**



## Bakelite Meter Box

Black molded bakelite: 6 1/2 x 5 1/2 x 2 3/8" deep. Inside: 6 x 6 1/2 x 2 1/2". Panel mounting screw inserts moulded in. Shpg. wt. 3 lbs.

**K10531**—Your Cost, Less Panel... **83¢**  
**K10532**—White bakelite panel for above. Each... **49¢**



## DEPENDABLE Volt-Ohm-Milliammeter Kits

### 3" Meter, 1000 Ohms/Volt.

An excellent 1 Ma. foundation meter of the D'Arsonval type. Finely legible calibrations on long multi-range scales. Square Bakelite case. Scale ranges of: 0/5/50/250/500/2500 Volts DC; 0/10/100/500/1000 Volts AC; 0/1/10/100/1000 Ma. DC; 0/1/10 Amps.

Ohms: —8 to +15/12 to 35/26 to 49/32 to 55 DB. Accuracy 2%. Operating instructions and wiring diagrams included. Ohmmeter circuit requires 3 flashlight cells, 1 1/2 volts each, which are furnished with the DC parts kit. Necessary parts for building testers are listed below. Shpg. wt. 2 lbs. **K10523**—Meter only.

Your Cost... **\$2.94**

### Parts Kit for D.C. Ranges

All parts needed for above DC ranges. Includes drilled and etched aluminum panel 7 3/8 x 3 3/8"; selector switch, 13 bakelite tip jacks, ohmmeter control rheostat, 2 knobs, 12 specially calibrated resistors (6 wire wound); 3-1 1/2 V. batteries, rosin core solder. Complete instructions and wiring diagram. Shpg. wt. 2 lbs. **K10543**—DC parts kit only. Your Cost... **\$2.93**

### Parts Kit for A.C. Ranges

When used with the above DC kit, you have a complete AC-DC instrument having all the ranges indicated in the description above. Includes copper oxide rectifier, specially calibrated multiplier, jack, mounting bracket. Shpg. wt. 1 lb. **K10544**—AC parts kit only. Your Cost... **\$1.62**  
**K10545**—Hardwood meter box for above 8 1/2 x 5 x 3 1/4". Shpg. wt. 2 lbs. Your Cost... **83¢**

### 4 1/2" 5000 O.P. V. Meter

A 200 Microampere Foundation Meter with maximum amount of dial space with 3-color multi-range scale. D'Arsonval movement with two jewelled sapphire bearings. Accurate within 2% 5000 ohms per volt sensitivity. Ranges: 0/10/100/250/1000/5000 Volts DC; 0/10/100/250/1000/5000 Volts AC; 0/200 Microampes DC; 0/10/100/1000 Ma. DC; 0/1/10/25 Amps DC; 0/500 Ma. AC; 0/2.5/5/25 Amp. AC; 0/400/40,000/4,000,000 Ohms. 4 Meg. range with 7 1/2 V. battery furnished with kit. 40 meg. range (with 67 1/2 V.) space in case for same. Cap. in Mids.: Chart supplied showing how to obtain direct measurement of condenser capacities and inductance in Henrys. Shpg. wt. 3 lbs.

**K10546**—Meter only. Your Cost... **\$6.81**



### Parts Kit for AC-DC Ranges

Includes all necessary parts to construct instrument having above ranges with above meter. Etched 8x10" panel, completely drilled, 2 batteries, 1-4 1/2 volt, 1-3 volt. Individually calibrated multipliers for 1% and 2% accuracy, wire wound shunts, selector switch, ohmmeter adjust rheostat, knobs, jacks, rectifier, bracket, sub panel strips, screws, nuts, solder, wire. Complete with instructions and wiring diagram. Shpg. wt. 2 lbs. **K10547**—Parts Kit only. Your Cost... **\$8.77**

Finely finished hardwood case, open face, with leather handle for above kit. Overall size: 8 1/2 x 10 1/2 x 1 1/4". Wt. 3 lbs. **K10530**—Case only. Your Cost... **\$1.42**

## Pocket Portable Meter Box



Open faced, lock cornered For 3x5 1/2" panel. Walnut finish outside, inside stained Size: 6 1/2 x 3 3/8 x 2 1/2"—inside, 3x5 x 1 1/4". Two panel supporting pillars. Shpg. wt. 1 lb. **K10527**—Your Cost... **49¢**



## Meter Box

Walnut finished inside and out. Rubber bumpers on two planes for upright and horizontal use. For 8x10" panels. Overall 8 1/2 x 10 1/2 x 1 1/4". Leather handle. Shpg. wt. 3 lbs. **K10530**—Your Cost... **\$1.42**

## Continental Carbon Multiplier Resistors

An entirely new type of carbon resistor, impregnated and hermetically sealed in a glass tube. Impervious to moisture and unusually stable. For any 1 watt application but especially recommended for meter multipliers, photo-cell circuits, etc. Pigtail leads Type A1. Accuracy plus or minus 5%.



No.	Ohms	Volts	No.	Ohms	Volts	No.	Ohms	Volts
K12286	1450	1.5*	K12298	10000	10	K12310	200000	200
K12287	2950	3*	K12299	13500	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¢**  
 \*Allow for 50 ohm meter resistance.

## 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. High Speed action



Stock No	Rating Amps	Max. Load Ma.	Res. on 5 Ma. Load Ohms	Your Cost Each	Your Cost Doz	V.M Ohms Per V	To Protect Milliammeters
K12391	1/200	5	500	18¢	\$1.95	over 1000	Galv.
K12355	1/100	10	110	<b>12¢</b>	<b>\$1.32</b>	1000	up to 0-1
K12386	1/50	25	20			500-1000	1-10
K12387	1/30	60	5			100-500	10-25
K12389	1/20	100	1.5			20-100	25-75
K12388	1/10	100	3	<b>9¢</b>	<b>\$1.00</b>	20-100	25-75
K12390	1/5	200	6.2			10-20*	75-150
K12391	1/3	300	3.0			5-10	150-250
K12392	1/2	400	2.5			3-5	250-350
K12393	1/1	600	4				350-500
K12394	1	1000	24	<b>6¢</b>	<b>65¢</b>		500-750
K12395	2	2000	14				1000-1500

## Copper Oxide Instrument Rectifiers



Type A. 15 Ma. 1/4 x 3/8". **K10570**—Your Cost... **\$2.95**

Type B. 5 Ma. 1/4 x 1/2 x 3/8". **K10572**—Your Cost... **\$2.06**

Type C. 5 Ma. 3/8" square. **K10566**—Your Cost... **\$2.59**

Type D. 20 Ma. 3/4 x 1/2". **K10567**—Your Cost... **\$1.95**

Type D. 30 Ma. 1/2 x 3/4". **K10569**—Your Cost... **\$2.06**

Type D. 50 Ma.\* 3/4 x 1 1/4". **K10568**—Your Cost... **\$1.75**  
 \*600 Volts maximum.

## Bakelite Fuse Mounts



Sub-Panel Type Molded bakelite. 1" 6-32 studs. For instrument fuses only **K12382**—Each... **12¢**

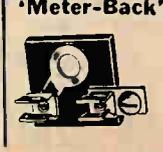
Panel Type Molded bakelite. 1 1/2 x 3/4 x 1/2". For 1" instrument type fuses only. Plated fuse clips are slotted. **K12383**—Your Cost **9¢**



## Extractor Fuse Post



Takes 1" instrument type fuse only 1/2" dia bushing for up to 3/8" thick panels. **K12328**—Each... **24¢**



'Meter-Back' Mounting Mounts directly on any meter terminal. Will not touch the other posts. **K11049**—Your Cost... **12¢**

**We Will Not Knowingly Be Undersold**

# Panel Meters & Accessories



## READRITE Square and Round Meters

Model 55, round, with clamp, nickel-plated. Model 95, square, black enamel-plate. Both require 2 1/2" hole. DC; polarized vane solenoid type. AC; double vane repulsion type. Accuracy within 5%.



### D.C. MILLIAMMETERS

Model 55		Model 95	
No.	Each	No.	Each
K11050	\$1.32	0-5	K11150 \$1.53
K11100	1.18	0-10	K11151 1.38
K11101	.59	0-15	K11152 .79
K11102	.59	0-25	K11153 .79
K11103	.59	0-50	K11154 .79
K11104	.59	0-100	K11155 .79
K11105	.59	0-150	K11156 .79
K11106	.59	0-200	K11157 .79
K11107	.59	0-300	K11158 .79
K11108	.59	0-400	K11159 .79
K11110	1.18	0-15/150	K11161 1.38

### D.C. AMMETERS

K11091	\$0.59	0-1	K11162 \$0.79
K11092	.59	0-3	K11163 .79
K11093	.59	0-5	K11164 .79
K11094	.59	0-10	K11165 .79
K11096	.59	3-0-3	K11167 .79
K11097	.59	6-0-6	K11168 .79
K11098	.59	10-0-10	K11169 .79
K11099	.59	20-0-20	K11170 .79

### A.C. MILLIAMMETERS

K11087	\$1.62	0-50	K11000 \$1.82
K11088	1.62	0-100	K11001 1.82
K11089	1.62	0-250	K11002 1.82
K11090	1.62	0-500	K11003 1.82

### A.C. AMMETERS

K11081	\$1.62	0-1	K11004 \$1.82
K11082	1.62	0-3	K11005 1.82
K11083	1.62	0-5	K11006 1.82
K11084	1.62	0-10	K11007 1.82
K11085	2.20	0-50	K11008 2.40

### D.C. VOLTMETERS

Model 55		Model 95	
No.	Each	No.	Each
K11051	\$0.59	0-1	K11009 \$0.79
K11052	.59	0-3	K11010 .79
K11053	.59	0-5	K11011 .79
K11054	.59	0-6	K11012 .79
K11055	.59	0-8	K11013 .79
K11056	.59	0-10	K11014 .79
K11057	.73	0-15	K11015 .94
K11059	.59	0-25	K11016 .79
K11060	1.62	0-25*	K11017 1.82
K11061	.73	0-50	K11018 .94
K11062	1.91	0-50*	K11019 2.12
K11063	.88	0-100	K11020 1.09
K11064	1.91	0-100*	K11022 2.12
K11065	1.03	0-150	K11023 1.23
K11066	1.91	0-300*	K11024 2.12
K11067	1.91	0-500*	K11025 2.12
K11068	2.65	0-500	K11026 2.85
K11069	2.65	0-60/300	K11027 2.85

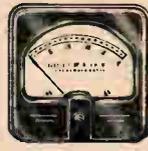
\* Indicates high resistance meters.

### A.C. VOLTMETERS

K11072	\$1.62	0-4	K11028 \$1.82
K11073	1.62	0-6	K11029 1.82
K11074	1.62	0-10	K11030 1.82
K11075	1.62	0-15	K11031 1.82
K11076	2.65	0-150	K11032 2.85
K11077	3.23	0-300	K11033 3.44
K11079	4.56	0-750	K11034 4.76
K11080	2.65	0-10-140	K11035 2.85

Wide Flange for Model 55 (Round) Meters 2 1/2" outside diameter. Black enamel finish. **K11041—Your Cost Each..... 9¢**

## BEEDE Illuminated D.C. Milliammeters



Model 15. Case is 3" square. Has translucent scale. Cutout in meter back for mounting pilot light socket (listed below). Scale becomes illuminated. D'Arsonval jeweled movement, 2% accuracy.

No.	Range	Each
K11196	0-1 Ma.	\$3.97
K11197	0-10 Ma.	<b>\$3.24</b>
K11198	0-100 Ma.	
K11199	0-200 Ma.	

Bayonet pilot light socket. **K11173—Each..... 12¢**  
**MODEL 3—3" SQUARE**  
 Like above, but have metal scale, Bakelite case. Not illuminated.  

No.	Range	Each
K11174	0-1 Ma.	\$3.53
K11175	0-10 Ma.	<b>\$2.79</b>
K11176	0-200 Ma.	
K11177	0-500 Ma.	

## HOYT Hot Wire Antenna Ammeters



For measuring the output of small transmitters. 3 1/2" dia. molded bakelite cases. Mount in 2 1/2" hole. Shpg. wt. 2 1/2 lbs.

K10445	0-1.5 amps.	<b>\$2.70</b>
K10446	0-3 amps.	
K10447	0-5 amps.	

## WESTON Model 301 3 3/8" Panel Meters



Ranges above 30 ma. are shunted and have drop of approximately 100 mv. Accuracy within 2%. Round or rectangular black bakelite cases.

### D.C. MILLIAMMETERS

No.	Range	No.	Your Cost
K10675	0-1	K10759	\$7.35
K10679	0-5	K10760	
K10680	0-10	K10761	<b>\$6.61</b>
K10681	0-15	K10762	
K10685	0-50	K10763	
K10686	0-50	K10764	
K10688	0-200	K10765	
K10691	0-500	K10766	

## D.C. MICRO-AMMETERS

K10701	0-200	K10770	\$10.47
K10702	0-500	K10771	

## A.C. VOLTMETERS Model 476—3 3/8" Diameter

Stock No.	Approx. Volts	Ohms Volt	Your Cost
K10752	15	14	\$6.61
K10758	150	110	8.27

## Model 476—Rectangular

K10753	15	14	\$6.61
K10754	150	110	8.27

## STERLING Panel Meters



Efficient test meters with 2" dia. scales; 2 1/2% overall. Chrome plated flange. Highly accurate, sensitive movements. Binding post terminals on back of case. Scale markings easily legible. Designed for front of panel mounting. Shpg. wt., each, 1 lb.

### D.C. Milliammeters

Stock No.	Range	Your Cost
K10888	0-5 Ma.	\$1.32
K10889	0-10 Ma.	1.18
K10890	0-15 Ma.	<b>59¢</b>
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.	

### D.C. Ammeters

Stock No.	Range	Your Cost
K10898	10-0-10 Amps.	<b>59¢</b>
K10899	20-0-20 Amps.	

### D.C. Voltmeters

Stock No.	Range	Your Cost
K10903	0-3 Volts	<b>59¢</b>
K10904	0-6 Volts	
K10905	0-10 Volts	
K10906	0-15 Volts	
K10907	0-50 Volts	

## READRITE Tuning Meters



Four popular types available with either 10 or 15 milliamper 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.	15 Ma.	<b>88¢</b>
K11182	K11183	
K11186	K11187	
K11190	K11191	
K11295	K11296	

Escutcheon Plates  
**K11293—For Type A-B.**  
**K11294—For Type C-D.**  
**Your Cost Each..... 18¢**

## 9-Wire Octal Analyzer Plug and Adapters



Lock-tite octal base analyzer plug with separate grid plug wired to 5 ft. of 9-wire cable and with 8 prong socket and first 5 adapter plugs listed below. Complete, as shown in illustration at left. Shpg. wt. 3 lbs. **K11499—Complete \$5.40**

**Plug Only**  
 Lock-Tite analyzer plug only. **K11198—Your Cost \$1.03**

### ANALYZER ADAPTERS ONLY

K11493	8 to 4 prong	<b>58¢</b>
K11494	8 to 5 prong	
K11495	8 to 6 prong	
K11496	8 to 7S prong	
K11497	8 to 7L prong	
K11524	8 to Loctal	
K11525	7 to Loctal	
K11596	6 to Loctal	<b>73¢</b>

## AMPHENOL Adapter Kits



Single ended tubes (without grid stud) and Loktal tubes require special adapters. Each set contains 5 color coded adapters, either wired or unwired, for all factory or custom built tube checkers. Full instructions supplied.

### LOKTAL TO OCTAL KIT

Test any Loktal tubes except 7E7 or 7F7; convert Loktals to exact counterpart in octal series. With instructions. Completely wired. Wt. 1 lb. **K11523—Your Cost \$2.75**  
 As above, but unwired. **K11538—Your Cost \$1.47**

### FOR SINGLE ENDED TUBES

These adapters float the elements of Single Ended tubes to the proper position for testing. With instructions. Completely wired. Wt. 1 lb. **K11534—Your Cost \$2.75**  
 As above, but unwired. **K11535—Your Cost \$1.47**

### Miniature Tube Adapters



Unwired. Consist of a drawn steel black japanned cap containing a miniature socket, attached to an octal base plug. Instructions furnished.

### FOR RCA "MINIATURES"

Take the new button type miniatures (1S4, 1T4, 1R5, 1S5). Adapter can be used in any tester having an octal socket. **K11537—Each..... 29¢**

### FOR HYTRON BANTAM JR.

Accommodates all 5 or 6 prong Bantam Jr. tubes (HY113, 115, 125, etc.). For any tube tester having an octal socket. **K11540—Each..... 29¢**

### Universal Adapters

Adapters have all terminals brought out for rapid connections. **K11630—4 Prong \$12¢**  
**K11631—5-Prong**  
**K11632—6-Prong**  
**K11633—7-Prong**  
**K11634—8-Prong (octal)..... 16¢**

### Universal Output Meter Adapter

Contacts plate prong of tube. Flexible 48" lead; phone tip at end. **K11603—Each..... 18¢**

## AMPHENOL Unwired Adapters



Make your own adapter, to meet your requirements. Tops and Bases available in all types. Bases are black only, with 5/8" hole on side for bringing out leads or fastening metal tube grid cap stud. Bases and tops drilled for self-tapping screws, supplied with each base. Tops available in black, red, green, and yellow. Specify color.

Prongs	Adapt. Top Stock No.	Adapt. Base Stock No.
4	K11562	K11569
5	K11563	K11570
6	K11564	K11571
7 small	K11565	K11572
7 large		K11573
7 comb.*	K11566	
8 octal	K11567	K11574
8 octal		K11575
Lok.	K11568	

\*7C top fits only 7L and 8L bases. † Large dia. base. Fits 7 comb. top. Adapt. Tops 12¢ Adapt. Bases 12¢

**SIDE STUD ONLY**  
 Used in above adapter bases. **K11576—Your Cost Each..... 6¢**



# PRECISION PANEL METERS



## 7" Illuminated A.C.-D.C. Foundation Instrument

25,000 ohms-per-volt sensitivity. Has 6" scale with calibrations for: d.c. volts from 0/10/50/250/1000 at 25,000 ohms/volt; 0/50/250 d.c. microamperes; 0/1/10/50/250/500 d.c. milliamperes; resistance 1/2 to 500 ohms and 20,000/200,000/2,000,000 ohms; at 1 1/2 volts; a.c. volts 0/10/50/250/1000 at 1000 ohms/volt. Glass dial. Molded case. Edgewise illumination. Shpg. wt. 4 lbs. **K11364—Model 726**



**\$17.96**  
Your Cost

### Smaller Size Foundation Instruments

Same as above, but with white dial scales.  
**K11365—Model 321.** 3" round case. Your Cost ..... **\$9.80**  
**K11366—Model 426.** 4" square case. Your Cost ..... **10.95**  
**K11367—Model 621.** 5" round case. Your Cost ..... **11.44**

### Essential Parts Kits

**A.C.-D.C. CONTROL BOX:** Contains all parts necessary for above measurements. Completely assembled. Wrinkle finished metal case. Shpg. wt. 6 lbs. **K11439—Your Cost** ..... **\$15.36**  
**KIT OF PARTS ONLY:** Same as K11439 above, but in kit form, unassembled. Includes metal case. Shpg. wt. 6 lbs. **\$10.95**  
**K11441 Your Cost, Complete Kit** .....

## 1000 Ohms-Per-Volt Foundation Meters

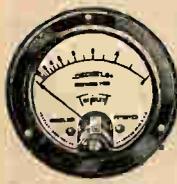


0-1 d.c. milliammeter Foundation Instruments with internal resistance of 100 ohms (1000 ohms-per-volt) Scales read: 0-10-50-250-500-1000 volts; 0-1-10-50-250 milliamperes; low ohms, 2 to 500; high ohms to 100,000. Shpg. wt. each, 3 lbs. **Each**  
**K11442—Model 321.** 3" Round ..... **\$4.90**  
**K11388—Model 326.** 3" Square ..... **4.90**  
**K11278—Model 421.** 4" Square ..... **6.20**  
**K11297—Model 521.** 5" Round ..... **6.86**  
**K11285—Model 726.** 7" Square ..... **11.44**

### SHUNTS AND RESISTORS FOR ABOVE INSTRUMENTS

Resistors, on bakelite, for 0-10-50-250-500-1000 volts. **\$7.18**  
**K11368—Your Cost**  
Shunts for 0-1-10-50-250 ma.; current limiting resistors for low and high ohms and shunt for low ohms. **\$2.28**  
**K11369—Mounted on bakelite.** Your Cost ..... **66c**  
**K11370—Zero adjust. rheostat for ohms ranges.** Each ..... **66c**  
Multi-Deck Selector Switch (2 decks). With knob. **\$1.30**  
**K11371—Your Cost**

### Power Level Indicators



For measuring noise levels in P.A., theaters, broadcast stations, etc. Range reads up 6 and down 10 db. Zero db at 1.73 volts.

### Triplet "V-U" Meter



For measuring sound or noise levels, including broadcast monitoring. Ideal for P.A. or communication systems. Ballistic characteristics comply with specs. formulated by N.B.C., C.B.S. and Bell. Internal impedance 3900 ohms. Steady state reference 1 milliwatt; for 600 ohm line. Two scale markings: 0-100%; minus 20 to plus 3 Volume Units (V-U). Scale length 3.12". Molded case finished in telephone black; cream yellow dial. 4" square case. Shpg. wt. 3 lbs. **Model 426.** **K11399—** **\$23.52**  
**Each**

500 ohm lines, 6 milliwatts. Standard damping. Wt. 3 lbs.  
**Model 321.** 3" dia. **\$7.67**  
**K11446—Each**  
**Model 421.** 4" sq. **\$12.91**  
**K11447—Each**  
**Decibel Meter Kit:** Includes K11446 3" meter, selector switch, 9 wire-wound multipliers on bakelite board, hook-up wire and diagrams. **\$15.51**  
**K11448—Each**

## SPECIAL TRANSMITTING METERS

Cases and sizes listed at right, under heading "Meter Dimensions".  
**High Range D.C. Voltmeters for Amateurs**  
All 1000 ohms per volt. With external metallized multiplier on bakelite strip. 3" molded cases. **Mod. 321—Round; Mod. 327A—Square.**  

<b>321</b>	<b>327A</b>	<b>321</b>	<b>327A</b>
No. <b>K11550</b>	No. <b>K11556</b>	No. <b>K11553</b>	No. <b>K11559</b>
No. <b>K11551</b>	No. <b>K11557</b>	No. <b>K11554</b>	No. <b>K11560</b>
No. <b>K11552</b>	No. <b>K11558</b>	No. <b>K11555</b>	No. <b>K11561</b>
Range 0-1000	Range 0-1500	Range 0-2500	Range 0-3000
Each <b>\$8.48</b>	Each <b>\$8.48</b>	Each <b>11.44</b>	Each <b>11.44</b>

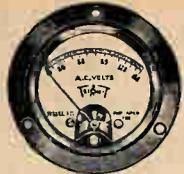
### Thermo-Ammeters with External Couple

<b>Model 341</b>	<b>Model 241</b>
3" Round	2" Round
No. <b>K11389</b>	No. <b>K11428</b>
No. <b>K11390</b>	No. <b>K11430</b>
No. <b>K11391</b>	No. <b>K11425</b>
No. <b>K11392</b>	No. <b>K11426</b>
No. <b>K11393</b>	No. <b>K11427</b>
Range 0.5	Range 1.5
Each <b>\$6.53</b>	Each <b>\$5.71</b>

Replacement couples on order, any range, specify. Each \$2.62

### Thermo-Ammeters with Built-in Couples

For r.f. measurements, ant. radiation indication, etc.  
**Model 341**  
3" Round  
No. **K11229** \$4.41  
No. **K11235** \$4.41  
No. **K11238** \$4.41  
No. **K11239** \$4.41  
No. **K11246** \$4.41  
**Model 347A**  
3" Square  
No. **K11220** \$4.41  
No. **K11221** \$4.41  
No. **K11222** \$4.41  
No. **K11223** \$4.41  
No. **K11224** \$4.41  
No. **K11225** \$4.41



## ROUND AND SQUARE CASE PANEL METERS



Incorporate precision engineering, the finest materials and workmanship. Molded cases, all terminals molded in. Sapphire jewels in adjustable screws. Accuracy within 2%. Meter sizes shown below.

### D.C. Milliammeters—Round and Square Case

Range	2" Round 221		2" Square 27A		3" Round 321		3" Square 327A		4" Square 426	
	No.	No.	No.	No.	No.	No.	No.	No.	No.	Each
0-1	K11208	K11288	K11208	K11288	K11208	K11320	K11320	K11320	K11336	\$5.88
0-1.5	K11209	K11289	K11209	K11289	K11209	K11321	K11321	K11321	K11337	4.90
0-3	K11415	K11290	K11415	K11290	K11415	K11322	K11322	K11322	K11338	4.90
0-5	K11416	K11298	K11416	K11298	K11416	K11323	K11323	K11323	K11339	4.90
0-10	K11210	K11299	K11210	K11299	K11210	K11324	K11324	K11324	K11340	4.90
0-15	K11211	K11300	K11211	K11300	K11211	K11325	K11325	K11325	K11341	4.90
0-25	K11398	K11306	K11398	K11306	K11398	K11326	K11326	K11326	K11342	4.90
0-50	K11212	K11309	K11212	K11309	K11212	K11327	K11327	K11327	K11343	4.90
0-100	K11213	K11311	K11213	K11311	K11213	K11328	K11328	K11328	K11344	4.90
0-150	K11417	K11312	K11417	K11312	K11417	K11329	K11329	K11329	K11345	4.90
0-200	K11214	K11313	K11214	K11313	K11214	K11330	K11330	K11330	K11346	4.90
0-250	K11418	K11314	K11418	K11314	K11418	K11331	K11331	K11331	K11347	4.90
0-300	K11287	K11315	K11287	K11315	K11287	K11332	K11332	K11332	K11348	4.90
0-500	K11215	K11316	K11215	K11316	K11215	K11333	K11333	K11333	K11349	4.90
0-750	K11400	K11317	K11400	K11317	K11400	K11334	K11334	K11334	K11350	9.64
0-1000	K11401	K11318	K11401	K11318	K11401	K11335	K11335	K11335	K11351	7.03

### D.C. Microammeters—Round and Square Case

Range	2" Round 231		2" Square 27A		3" Round 331		3" Square 337A		4" Square 436	
	No.	No.	No.	No.	No.	No.	No.	No.	No.	Each
0-50	K11284	K11457	K11284	K11457	K11284	K11463	K11463	K11463	K11470	5.88
0-100	K11286	K11457	K11286	K11457	K11286	K11464	K11464	K11464	K11471	5.88
0-200	K11409	K11458	K11409	K11458	K11409	K11465	K11465	K11465	K11472	5.88
0-500	K11433	K11351	K11433	K11351	K11433	K11357	K11357	K11357	K11361	7.03

### A.C. Voltmeters—Round and Square Case

Range	2" Round 231		2" Square 27A		3" Round 331		3" Square 337A		4" Square 436	
	No.	No.	No.	No.	No.	No.	No.	No.	No.	Each
0-5	K11280	K11449	K11280	K11449	K11280	K11459	K11459	K11459	K11465	\$4.90
0-10	K11281	K11454	K11281	K11454	K11281	K11460	K11460	K11460	K11466	4.90
0-15	K11282	K11455	K11282	K11455	K11282	K11461	K11461	K11461	K11467	4.90
0-25	K11283	K11456	K11283	K11456	K11283	K11462	K11462	K11462	K11468	4.90
0-50	K11284	K11457	K11284	K11457	K11284	K11463	K11463	K11463	K11469	4.90
0-150	K11286	K11457	K11286	K11457	K11286	K11464	K11464	K11464	K11470	5.88
0-300	K11409	K11458	K11409	K11458	K11409	K11465	K11465	K11465	K11471	5.88
0-500	K11433	K11351	K11433	K11351	K11433	K11357	K11357	K11357	K11361	7.03

### D.C. VOLTMETERS

Model 321—1000 Ohms/Volt

No.	Range	List	Each
K11240	0-10	\$8.25	\$5.39
K11241	0-50	8.25	5.39
K11242	0-100	8.75	5.71
K11243	0-150	8.75	5.71
K11244	0-500	11.00	7.18

### A.C. MILLIAMMETERS

Model 331		Model 231	
No.	Each	No.	Each
K11419	\$4.41	0-10	K11420 \$3.60
K11265	\$3.75	0-15	K11269 \$2.94
K11266	\$3.75	0-25	K11270 \$2.94
K11267	\$3.75	0-50	K11271 \$2.94
K11268	\$3.75	0-100	K11272 \$2.94
K11421	\$3.75	0-250	K11423 \$2.94
K11422	\$3.75	0-500	K11424 \$2.94

### D.C. VOLTMETERS

125 Ohms per Volt

Model 321		Model 221	
No.	Each	No.	Each
K11230	\$3.75	0-5	K11247 \$2.94
K11231	\$3.75	0-10	K11248 \$2.94
K11232	\$3.75	0-15	K11249 \$2.94
K11233	\$3.75	0-25	K11250 \$2.94
K11234	\$3.75	0-50	K11251 \$2.94
K11236	\$3.75	0-150	K11253 \$2.94
K11237	4.57	0-250	K11254 3.75
K11404	6.04	0-500	K11405 5.06

### A.C. AMMETERS

Model 331		Model 231	
No.	Each	No.	Each
K11255	\$3.75	0-1	K11260 \$2.94
K11256	\$3.75	0-3	K11261 \$2.94
K11257	\$3.75	0-5	K11262 \$2.94
K11258	\$3.75	0-10	K11263 \$2.94
K11259	\$4.55	0-25	K11264 \$3.75
K11429	\$4.55	0-30	K11265 \$3.75
K11431	\$5.88	0-50	K11266 \$5.88

### METER DIMENSIONS

Model	Flange	Body Dia.	Scale
221	2 1/2"	2 1/2"	1 1/2"
231	2 3/8"	2 3/8"	1 3/4"
27A	2 3/8"	2 3/8"	1 3/4"
321	3 1/2"	3 1/2"	2 1/2"
327A	3 3/8"	3 3/8"	2 3/8"
321	3 1/2"	3 1/2"	2 1/2"
327A	3 3/8"	3 3/8"	2 3/8"
321	3 1/2"	3 1/2"	2 1/2"
327A	3 3/8"	3 3/8"	2 3/8"
426	4 1/4"	4 1/4"	3 1/2"
436	4 1/4"	4 1/4"	2 1/2"

### D.C. AMMETERS

Model 321		Model 221	
Stock No.	Your Cost	Stock No.	Your Cost
K11216	\$3.75	0-1	K11223 \$2.94
K11217	\$3.75	0-5	K11224 \$2.94
K11218	\$3.75	0-10	K11225 \$2.94

### Truest Meter Cases



Black crackle finish steel cases 4x4x1/2" high. Two ceramic insulators. Wt. 2 lbs.  
**K10398—2 1/2" hole**  
**K10399—2 1/8" hole**  
Your Cost ..... **\$8c**  
Each

### Front Illuminator

Shielded front dial light that fits on lower part of model 321 and 331 meters. No glare. Complete with 6.3 volt bulb.  
**K11292—** **98c**  
Each



# DEALERS' and SERVICEMEN'S

## GERNSBACK'S Service Manuals



**Volume 7:** The latest issue. Covers sets from 1936, 1937 and 1938. Contains 1800 pages; over 3000 illustrations; more than 1600 models. **K19885—\$9.60 Each**

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**All Gernsback Books Above Shipped Postpaid in U.S.A.**

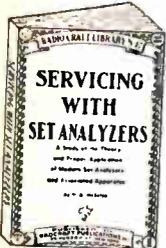
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**K19993—No. 4. All About Aerials.**  
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**K2309—No. 6. How to Have Fun With Radio.**  
**K2310—No. 7. How to Read Radio Diagrams.**  
**K23011—No. 8. Radio For Beginners.**  
**K23003—No. 9. Simple Electrical Experiments.**  
**K23004—No. 10. Television.**  
**Any Title Above, Your Cost Each \$1.00**  
 5 For \$4.3c  
 10 For \$7.5c

## RADIOCRAFT Servicemen's Library

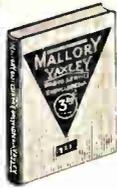


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**K19902—Practical Radio Circuits.**  
**K19909—Breaking Into Radio Servicing.**  
**K19912—New Radio Questions and Answers.**  
**K19902—A B C of Refrigeration.**  
**K19934—Point-to-Point Resistance Analysis.**  
**K19890—Cathode Ray Oscilloscope.**  
**Any Above Title, Each \$3.50**

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A new, clearly written, easy to understand, radio book written for those with no previous technical knowledge—yet thorough and complete. 130 illustrations. 295 pages. Shpg. wt. 2 lbs. **K19712—Your Cost Postpaid \$2.50**



## MALLORY-YAXLEY Encyclopedia—Third Edition—Now 75c!

Here is the book which assists the repairman everywhere in his daily work. Contains all data on over 23,000 sets, and furnishes the correct answer to nearly every service problem encountered. Over 256 pages of I.F. peaks, volume control data, condensers, vibrators and tubes, circuits, etc. Size 8 1/2 x 11". Shpg. wt. 2 1/2 lbs. **K19750—Your Cost, Only \$1.75**

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**K19897—Your Cost.**

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The first edition. This comprehensive volume gives a 1300 page course on latest "factory" methods. Servicing radios of all kinds; how to construct and operate modern test equipment; trouble shooting; repairing; locating and eliminating noise; cathode-ray aligning; auto radios, etc. Profusely illustrated, 700 diagrams, charts, photos, etc. Shpg. wt. 5 lbs. **K19958—Shipped Postpaid in U.S.A. \$4.00**  
**Your Cost.**



### Radio Trouble-Shooter's Handbook



Contains a comprehensive collection of receiver "Case Histories" for over 3,300 most frequently serviced receivers; includes I.F. peak and alignment data for over 15,000 superhets. Check full of factory-checked essential "JOB reference" data for all service jobs; auto-radio data, Sound Recorder data, etc. 8 1/2 x 11 inches; over 600 pages; 52 sections, 134 illustrations. **K19939—Your Cost, Postpaid in U.S.A. \$3.00**  
**SAVE MONEY by ordering above two books together. Shipped Postpaid in U.S.A. \$6.50**  
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### Twin "Trouble-Shooter Gadgets"

Two remarkable, ingenious radio set "trouble finders." A flip of the card and for any observed trouble symptom you find not only the cause and the location of the trouble but the remedy as well. Made in pocket size. **Mailed Postpaid in U.S.A. \$1.50**  
**K19932—Home Radio Sets**  
**K19933—Auto Radio Sets**  
**Each \$1.50**



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270 well illustrated pages. Complete tables. For a.c. and d.c. Answers all questions, clearly and concisely. Highly practical. Sturdily bound. Shpg. wt. 1 lb. **\$1.25**  
**K19719—Your Cost**

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64 pages, 6x9". Nine chapters cover all elementary forms of math necessary for the technician. Tables, formulae, etc. Easy to follow. Paper cover. Shpg. wt. 1 lb. **K19713—Each \$1.50**

### "AMPLIFIER HANDBOOK—Public Address Guide"



Contains complete essential public address and amplifier data for sound men, servicemen, dealers, etc. Covers fundamentals, amplifier vacuum tubes, circuits, microphones, loud-speakers, power supplies, recording, acoustics, sales hints, school systems, etc. Compiled from material supplied by manufacturers. 64 pages, size, 6x9. **K19725—Your Cost \$2.50**

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**"FUN WITH A RECORDER":** Sure-fire entertainment for the family. Contains 30 amusing skits in radioscrypt form, each cued for sound effects, with complete instructions on how to produce them. **Shipped Postpaid \$1.00**  
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**K19727—Your Cost**

## Manufacturer's Books

Books listed are written by experts, in their respective fields, and contain much valuable information.

### THORDARSON Manual

Contains 4 individual sections on sound amplifiers, transmitters, service guide and complete transformer catalog. 130 pages, profusely illustrated. Loose-leaf binding. Size 8 1/2 x 11. **K19987—Wt. 2 lbs. Each \$2.00**

### Sound Amplifier Guide

From above Manual. Contains information on construction and installation of sound equipment. 32 p. **K20005—Your Cost \$1.50**

### Radio Noise Cures

By Tope. Describes origin of radio interference, and how to correct. **K12695—Your Cost \$2.95**

### Electric Eye Booklet

By Eby. 32 pages of data on electric eye types, theory, applications. **K23016—Your Cost \$3.50**

### Radio Interference Manual

By Sprague Products Company. Deals with the causes and problems of radio interference, and cures. **K19724—Your Cost \$2.50**

### MEISSNER Kit Manual

168 pages of information, graphs, diagrams, etc. Data on 30 Meissner kits, including data on F.M. **K19978—Your Cost \$4.80**

### MEISSNER Television Book

An instructive Manual on Wiring the Meissner Television Kit. Wt. 1 lb. **K19742—Your Cost Each \$2.50**

### RCA RC-14 Tube Manual



A comprehensive receiving tube manual designed to assist those who work with or experiment with radio tubes or circuits. Covers circuits, applications, characteristics, outlines, mechanical features, classifications, etc. 224 pages, 5 1/2 x 8 1/2". A handy book for the serviceman. Shpg. wt. 1 lb. **K19963—Your Cost \$2.50**

### Practical Television Book

RCA's 40 page booklet; complete data on RCA video receivers, design and servicing, antennas, etc. **K19787—Your Cost \$2.50**

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# DATA and TECHNICAL BOOKS



## McGraw-Hill Radio Books



for the reason that they cover thoroughly every important technical phase of the radio industry.

- Practical Radio Communication.** By Nilson and Hornung. Covers receiving, transmitting and practical design. Over 700 pages. K20020—Wt. 4 lbs. **\$4.90** Each.
- Radio Construction and Repairing.** By Moyer & Wostrel. Installing, repairing, testing modern sets. 444 pages. K19996—Wt. 4 lbs. **\$2.45** Each.
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- Fundamentals of Radio.** By F. E. Terman. Covers fundamentals of important branches of radio. 458 pages. Wt. 3 lbs. **\$3.75** K19896—Each.
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Outstanding radio text books, for radio students, servicemen, engineers, etc. The complete series, listed below, make up a desirable informative radio library that no radio technician can afford to be without. They are selected, and recommended,

- Electron Optics & Television.** By Maloff and Epstein. Deals with theory and application of television cathode-ray tubes. 299 pages. K19733—Each **\$3.43**
- Making a Living in Radio.** By Zeh Bouck. Deals with selling, writing and engineering. 220 pages. Wt. 2 lbs. **\$1.96** K19734—Your Cost.
- Principles & Practice of Radio Servicing.** For the serviceman who wishes to improve his technical knowledge. 300 pages, 6x9". K19735—Wt. 3 lbs. **\$2.94** Each.
- Communication Engineering.** By Everitt. Deals with problems confronting telephone and radio engineers. Explains unilateral and bilateral networks in connection with telephone and radio circuits. 727 pages, 6x9". 411 illustrations. Shpg. wt. 4 lbs. **\$4.90** K19720—Your Cost.

## RIDER'S MANUALS AND TEXT BOOKS

### Vol. XI Manual—Latest Issue



1652 Pages of the latest information on the latest receivers and circuits. Continues from where Vol. 10 left off. Supplied with a separate Vest Pocket Handbook which includes: (1) tables and information needed to service the latest sets, including frequency ranges of push-buttons on push-button sets; (2) "How It Works" section with full data on frequency modulation sets, loop antennas, etc. Covers all receivers issued up to May 15, 1940. Vol. 11 Manual and handbook. **\$9.80** K19893—Your Cost.

- Vol. 10:** 1664 pages, covering all data on sets up to 1939. Includes television, facsimile, wireless players, etc. **\$9.80** K19738—Your Cost.
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### "The Radio Manual"—By Sterling

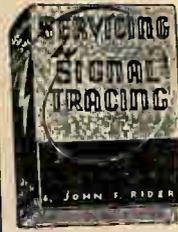
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How to Make and Work Them  
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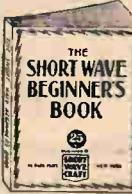
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**Data Book**  
 How to make your own short-wave coils  
 Method of computing wire size, turns, forms, spacing. No duplication. Easy to understand.  
**K19985**  
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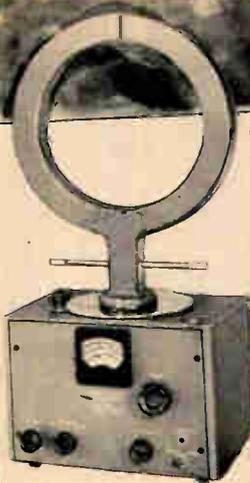
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**NOTE - TECHNICAL BOOKS ARE NOT RETURNABLE**



● FOR A SAFER SEA USE RADIO  
● A RADIOPHONE IS AS EASY TO USE AS YOUR HOME TELEPHONE

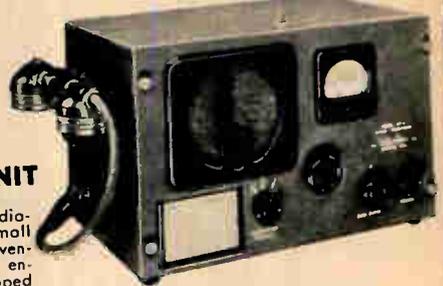
### RADIO COMPASS

That a radio compass is of inestimable value to a boat owner is admitted by everyone but it remained for Hallicrafters to build a highly practical unit of this type at a reasonable price.

With the Model S-30 Radio Compass and Direction Finder you can check your position against beacon, broadcast or shore radiophone stations. Range from 200 to 3000 kc (1500 to 100 meters) is covered in 3 bands: 220-540 kc, 535-1340 kc and 1200-3000 kc. Sensitive headphones and a tuning eye serve as indicators when taking a bearing. Tubes used: 2-6SK7, 1-6K8, 1-6SQ7, 1-6U5G and 1-6G6G. The vibrapack power supply (included) is a separate unit for operation from a 6V storage battery. Can be operated from regular dry A and B batteries if desired. Headphones are included but a speaker can be used if desired. Sturdily constructed and especially designed for operation in humid atmospheric conditions. Dim.: 11x10 1/2"x8"; Ht. including loop 23 1/2". Aluminum cabinet in gray wrinkle finish. Shipping weight 40 lbs.

**K21068**—Model S-30 with tubes, phones and power supply for 6 V. operation. **\$99.50**  
**CASH PRICE**.....  
Terms: \$9.95 Down \$7.91 monthly for 12 mos.

### 12 Watt RADIOPHONE UNIT



The Model HT-11 Marine Radiophone now brings to the small boat owner the safety, convenience and peace-of-mind enjoyed by all radio equipped ships at a surprisingly low price. At about the price that you would pay for a good radio for your home you can now buy this complete radiophone unit that enables you to keep in constant touch with land telephones at your home, your office, your physician, etc. It also enables you to keep in touch with other boats similarly equipped. The distance over which you can talk is dependent entirely upon atmospheric conditions. Under favorable conditions from 50 to 100 miles in daylight and up to 150 miles at night should be satisfactory.

The entire unit is in two parts—the radiophone—and the power supply. The radiophone is housed in an attractive small metal cabinet measuring only 14 1/2" w. x 8 3/4" h. x 9 1/4" d. It can easily be mounted on a table or shelf. The transmitter provides three crystal-controlled frequencies in the range of 2000 to 3000 kc. The receiver is manually controlled and covers from 550 to 1700 kc and 2000 to 3000 kc. The tube line-up: Transmitter—1-6V6 osc., 1-807 power amp., 2-6V6G modulators. Receiver—1-6SK7 r.f. amp., 1-6K8 mixer, 1-6SK7 i.f. amp., 1-6SQ7 2nd detector—a.v.c.—1st audio, 1-6K6G audio amp., and 2-6X5G rectifiers. The standard power supply is for 12 volt DC operation.

The Model HT-11 Hallicrafters Radiophone is supplied complete with tubes, handset and power supply for 12 volts DC operation. Does not include crystals or installation. Shpg. wt. 25 lbs.  
**K21069**—Model HT-11 12 watt Radiophone. **\$159.50**  
**CASH PRICE**.....

Terms: \$15.95 Down \$12.68 per month for 12 months.  
Write for prices on units for operation on other voltages.  
Write for prices on crystals for ocean or lake use.



### 25 Watt RADIOPHONE UNIT

Model HT-8 is a compact, efficient 25 watt Radiophone that is extremely easy to use. Just two simple switches enable you to select instantly any clear channel for both receiver and transmitter. Lifting the handset automatically disconnects the speaker—then press the button and talk—that is all there is to operating this versatile radio telephone. Provision is made for five crystal-controlled transmitter frequencies and six reception frequencies. Transmitter frequencies may all be in the 2000-3000 kc range or three in this range and two in the 3000-6700 kc range. Suitable crystals must be purchased separately (write for prices). Receiver frequencies provide for four channels in the 2000-3000 kc range and the two more in either this or the 3000-6700 kc range. Cabinet dim.: 15" w. x 10" d. x 18" h. Power supply is a separate unit (included) and may be operated from 110 volts a.c. as well as either 12 V., 32 V. or 110 V. d.c. WHEN ORDERING SPECIFY D.C. VOLTAGE DESIRED. Transmitter tube line-up: 6L6 oscillator, 807 amplifier, 6J5 speech amplifier, 2-6L6G modulators. Receiver: 2-6K7, 1-6L7, 1-6SJ7, 1-6SQ7, 1-6SF5, and 1-6K6G. Shpg. wt. 105 lbs.

**K21150**—Model HT-8 with tubes, handset and power supply (see above before ordering) but less transmitting crystals, and less installation. **\$290.00**  
**CASH PRICE**.....

Terms: \$29.00 Down \$23.05 per month for 12 months.

In addition to the 25 watt model, illustrated and described above and at right, a 50 watt model is also available. Just drop us a card with your name and address and ask for full details of the Hallicrafters Radiophone Model HT-12.

### FREQUENCY STANDARD

Model HT-7 Frequency Standard is for calibrating or checking the calibration of receivers, oscillators, etc. Consists of a stable crystal oscillator providing either 1000 kc or 100 kc output together with a 10 kc multi-vibrator and harmonic amplifier. Will accurately cover all usable frequencies. All operating controls on the front panel. Tube line-up: 6F6, 6L7, 6N7 and 80 rectifier. Gray finished steel case. For 110 volts 50/60 cycles a.c. Shpg. wt. 10 lbs. Complete with tubes.

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Terms: \$4.43 Down \$4.43 per month for 6 months.



### 25 Watt AMATEUR TRANSMITTER

An 8-tube phone and CW transmitter with an output of 25 watts on most bands. Employs 6L6 osc.-doubler, RK39 power amp., 6F5 mike amp., 6J5 audio amp., 2-6L6 modulators and 2-5Z3 rectifiers. For 110 V. 50/60 cycles a.c. Cabinet Dim.: 20x12x9". Shpg. wt. 67 lbs. WRITE FOR FREE LITERATURE.

**K21182**—Model HT-6 as described. With tubes but less coils and crystals. **CASH PRICE**..... **\$99.00**

Sets of Coils—**K21183**—160 M. **K21184**—80 M. **K21185**—40 M. **K21186**—20 M. **YOUR COST ANY OF ABOVE SETS EACH**..... **\$4.95**

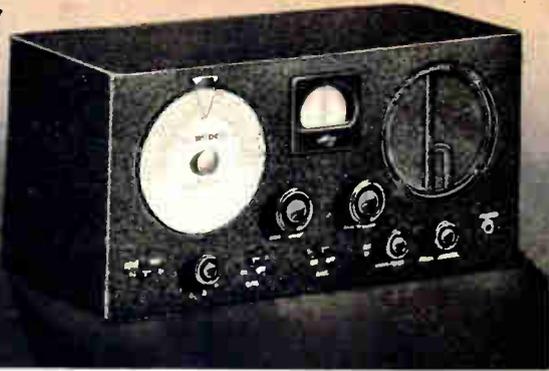
**K21187**—10 M. **K21188**—5 M. EITHER SET EACH..... **\$6.95**

Electron Coupled Oscillators—For use with above coil sets. (Set with external monitor.) **K21189**—160 M. **K21190**—80 M. **K21191**—40 M. **K21192**—20 M. **YOUR COST ANY OF ABOVE COILS EACH**..... **\$3.65**

For crystals refer to page 129. Please write for Time Payment Terms.



Why not use our Easy Time Payment Plan?



**NEW! PORTABLE MODEL S-29 COMMUNICATIONS RECEIVER**

The most sensational portable ever designed! Not just a midget stuck into a carrying case. But a precision-built communications receiver in portable form! All the selectivity, sensitivity and stability you would expect only from the finest fixed station sets is yours in this new receiver that is truly universal. It will operate on either 110 volts a.c. or d.c. or from its self-contained batteries (approximate battery life 100 hrs.). It has a self-contained collapsible antenna which can be extended to nearly 3 feet. It covers four complete bands—542-1490 kc, 1.43-4.35 mc, 4.12-11.9 mc and 11.26-30.5 mc. Employs an r.f. stage on all bands. Incorporates an automatic noise limiter, electrical bandspread, high gain antenna coupling circuit, permeability tuned r.f. and i.f. circuits, neon lamp indicator, etc.

The average sensitivity is below two microvolts on all bands. Tube lineup: 1T4 r.f. amp., 1R5 mixer, 1P5GT 1st i.f., 1P5GT 2nd i.f., 1H5GT 2nd det.-a.v.c.—1st audio, 3Q5GT output amplifier, 1G4GT beat oscillator, 1G4GT noise limiter and 2Z5G rectifier. Controls include: main tuning—band spread—r.f. gain—A.F. gain—band switch—power switch—a.v.c. "off-on" switch—BFO "off-on" switch—ANL "off-on" switch—send-receive—standby switch. Connectors: doublet antenna socket—long antenna socket—phone jack—battery cable with plug—ac/dc outlet cord. Dimensions: 7" high, 8 1/2" wide and 13 1/4" deep. Net weight including all batteries is 18 lbs.

**K21084—Model S-29 Sky Traveler. Shpg. wt. 23 lbs. \$59.50**

**CASH PRICE, COMPLETE WITH BATTERIES.**

Terms: \$5.95 Down \$7.09 per month for 8 months.

**Model S-19R SKY BUDDY**

Undoubtedly the most popular amateur receiver ever designed. Each new model has been an improvement over the previous one. And now the latest version to come out of the Hallicrafter laboratories incorporates more features than have ever before been built into so moderately priced a receiver.

The efficient superheterodyne circuit employs 6 tubes of which two are dual-purpose types providing 8 tube performance. The tubes employed include: 6K7G, 6K8G, 6Q7G, 76, 41 and 80 rectifier. Complete tuning range of the receiver is from 545 kc to 44 mc in 4 tuning bands. This range includes the amateur 10 meter, 20 meter, 40 meter, 80 meter and 160 meter bands. Electrical band spread is provided on each band. Other features of this remarkable receiver include: broadcast band coverage, beat frequency oscillator, automatic volume control switch, phone jack, pitch control, built-in speaker and a separate band spread dial. It also has a built-in plug and jack for battery or vibropack operation. It is designed however for operation from any 110-120 volt 50/60 cycles a.c. line. Antenna connections are provided for both doublet and Marconi type antennas. The cabinet is beautifully finished in block crystalline and measures 17 1/2 x 8 x 8 1/2". Shipping weight 34 lbs.

**K21094—Sky-Buddy Model S-19R complete with tubes and built-in speaker. \$29.50**

**CASH PRICE.**

Terms: \$4.43 Down \$4.43 per month for 6 months.

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PRECISION MADE

**Model S-20R SKY CHAMPION**

This new improved model of this famous communications receiver now employs nine tubes and incorporates many new and valuable features. Now more than ever before it is amateur radios biggest dollar value. Covering the complete range from 545 kc to 44 mc in four bands it employs a stage of pre-selection on each band for added sensitivity and selectivity. It performs like a thoroughbred and is instantly responsive to each control. Among the controls provided are: r.f. gain or "sensitivity", audio gain or "volume", tone control, automatic volume control switch, beat frequency oscillator switch with its attendant "pitch" control, band switch, main tuning control and separate band spread control, "off on" switch and "stand-by" or "send-receive" switch. Among the circuit features you will find: electrical band spread, automatic noise limiter, two i.f. stages, drift compensated high frequency oscillator, r.f. amplifier, etc. While the receiver is designed for 110 volts 50/60 cycles a.c. operation a plug and jack is provided to permit operation from batteries or vibropack.

The tube lineup: 6SK7 R.F. Amplifier, 6K8 1st Detector-Mixer H.F. Oscillator, 6SK7 1st I.F. Amplifier, 6SK7 2nd I.F. Amplifier, 6SQ7 2nd Detector, A.V.C. 1st Audio, 6F6G 2nd Audio, 6H6 Noise Limiter, 6J5GT B.F.O., and 80 rectifier. A matched built-in speaker and inertia type tuning controls further add to the completeness of this excellent receiver. It is housed in an extremely attractive steel cabinet measuring 18 1/2 x 9 1/4 x 8 1/2". Shpg. wt. 34 lbs.

**K21093—Model S-20R SKY CHAMPION complete with tubes and built-in speaker. \$49.50**

**CASH PRICE.**

Terms: \$4.95 Down \$5.90 per month for 8 months.

**Model S-22 SKYRIDER MARINE**

While designed particularly for marine use in the 600 and 700 meter bands, this receiver is capable of covering a complete tuning range from 16.2 to 2150 meters (140 kc to 18.5 mc) thus making it ideal for any commercial or other service requiring a receiver operating within this range. The complete range is covered in four bands with an accurately calibrated main tuning dial having a scale length of 339" and a separate mechanical band spread dial. Both sensitivity and selectivity are of a higher order. Image rejection at the higher frequencies is particularly good due to the use of 1600 kc i.f. transformers.

Other features include: beat frequency oscillator, matched built-in speaker, automatic volume control, individual coils for each band, sensitivity and gain controls, pitch control, tone control, send-receiver switch and phone jack. The receiver is designed for operation from either 110 volts a.c. or d.c. Can be operated from 6-volt d.c. storage battery by using converter listed below. The complete receiver is housed in an attractively finished steel cabinet measuring 18 1/2 x 9 1/4 x 8 1/2". Shpg. wt. 35 lbs.

**K21078—Model S-22 SKYRIDER MARINE for 110 V. a.c. or d.c. operation complete with tubes and speaker. \$64.50**

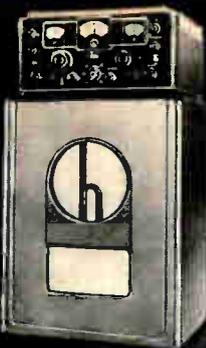
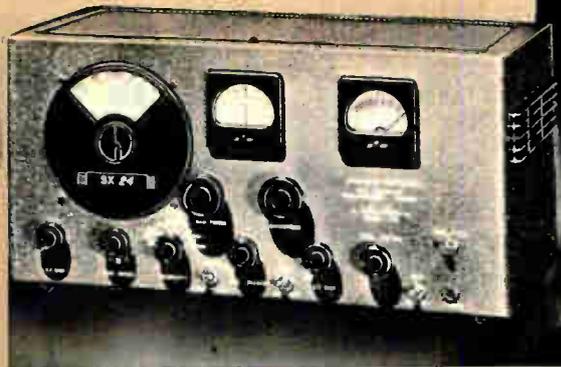
**CASH PRICE.**

Terms: \$6.45 Down \$7.69 per month for 8 months.

K14225—ELECTRONIC Converter Model 302 for 6-volt battery operation of Sky rider, Marine or Sky rider 5-10 receivers. Shpg. wt. 11 lbs. **YOUR COST. \$16.17**



Best Models at Best Prices!



### Model SX-24 SKYRIDER DEFIANT

The nine-tube communication receiver with "frequency meter tuning." The Sky rider Defiant provides performance that can be compared favorably with most receivers selling at twice the price. Every advanced feature of the entire Hallicrafters line is incorporated in this unit. Four bands cover the range from 545 kc to 43.5 mc; frequency meter tuning on 10, 20, 40 and 80 meter amateur bands. Tube lineup: 3-6SK7, 1-6K8, 1-6SQ7, 1-6F6G, 1-6H6, 1-76 and 1-80 rectifier. Controls include r.f. gain, selectivity switch, crystal phasing, audio gain, pitch control, main tuning control, bandspread tuning control, automatic noise limiter switch, Hi-Lo tone control, send-receive switch and beat frequency oscillator switch. Outstanding features of this remarkable receiver include: one stage of pre-selection, DC operation socket for battery or vibrapack, six point variable selectivity from sharp CW crystal to high-fidelity, meter calibrated in both S and DB units, single-stage crystal filter and terminals for break-in relay operation. Cabinet dimensions are: 19 1/2"x9 1/2"x10 1/4". Shpg. wt. 41 lbs.

**K21194—Model SX-24 Sky rider Defiant complete with tubes and crystal but less speaker. \$69.50**

**Terms: \$6.95 Down \$8.29 per month for 8 months.**

**K21193—10" PM Dynamic Speaker in matching cabinet. Shpg. wt. 17 lbs. YOUR COST \$12.00**

### Model SX-28 SUPER SKYRIDER

Hallicrafters 1941 version of the Super Sky rider! Here is a communications receiver that sets new standards of performance! Six tuning bands cover a continuous range from 540 kc to 43 mc. These six bands instead of the usual four assure the most satisfactory L/C ratio on each band. A total of 14 tubes is used as follows: 6SK7 1st r.f. amp.; 6SK7 2nd r.f. amp.; 6SA7 mixer; 6SA7 temperature compensated high frequency oscillator; 6L7 1st i.f. amp. and noise limiter; 6SK7 2nd i.f. amp.; 6B8 2nd detector and meter; 6B8 a.v.c. amplifier; 6SK7 noise amplifier; 6H6 noise rectifier; 6SC7 1st audio amp.; 2-6V6GT push-pull output amp.; 1-5Z3 rectifier.

Circuit features include: 2 r.f. stages, push-pull high fidelity audio, 6-step wide range selectivity, band pass audio filter, wide angle "S" meter, phono jack, adequate headphone output, improved signal to noise ratio, 80/40/20/10 meter amateur bands calibrated, temperature compensated h.f. oscillator. The chassis is of No. 14 gauge steel cadmium plated. The 8 3/4"x19" rack type panel is of 1/8" thick steel with etched control markings and finished in Morocco. Cabinet dim.: 20 1/2"x14 1/2"x9 1/2" deep. Cabinet is finished in machine tool gray wrinkle.

**K21083—Model SX-28 with crystal and tubes but less speaker. For 110 volts 50/60 cycles a.c. operation. Shpg. wt. 90 lbs. \$159.50**

**Terms: \$15.95 Down \$12.68 per month for 12 months.**

**K21152—Hallicrafters-Jensen Bass-reflex enclosure with 8" speaker. Dim. 23 1/2" high, 10 1/2" deep, 17 1/2" wide. \$19.50**

**YOUR COST \$29.50**  
**K21153—Same with 12" speaker. 30x16x22 1/2" wide. YOUR COST \$29.50**  
**K21193—Table model 10" speaker in cabinet. YOUR COST \$12.00**

# COMMUNICATIONS RECEIVERS

### Model S-27 FM & AM RECEIVER

Designed specifically for the ultra-high frequencies—27 to 145 mc (11.1-2.06 meters) and to receive both frequency-modulated and amplitude-modulated signals this new Hallicrafters is indeed an unusual communications receiver. Employing a total of 15 tubes (including 1 power rectifier and 1 voltage regulator) it provides startling performance at these frequencies. Three of the tubes (r.f., 1st det. and osc.) are of the acorn type. Oscillator, converter and metering circuits are supplied with voltage through a type VR-150 voltage regulator tube. The meter is calibrated in both "S" and "DB" units. Entire r.f. assembly is built on a separate chassis and shock-mounted to the main chassis. Expanding i.f. amplifier provides sharp tuning or stand-by tuning for AM and broad band-pass for FM. Latest automatic noise limiter provided for AM. Air-tuned iron-core i.f. transformers. Plate tuned oscillator. 500 or 5000 ohm output. Push-pull audio amplifier with negative feedback. S meter has zero-center scale for accurate FM tuning. Three tuning bands—27-46, 45-84 and 81-145 mc. Overall sensitivity (amplitude modulation) approx.: Band 1—less than 1 microvolt; Band 2—two microvolts; Band 3—two to four microvolts. In black crackle-finished metal table cabinet. Dim.: 19"x9"x14". Shpg. wt. 75 lbs. For 110 V. 50/60 cycle a.c. With tubes. \$175.00

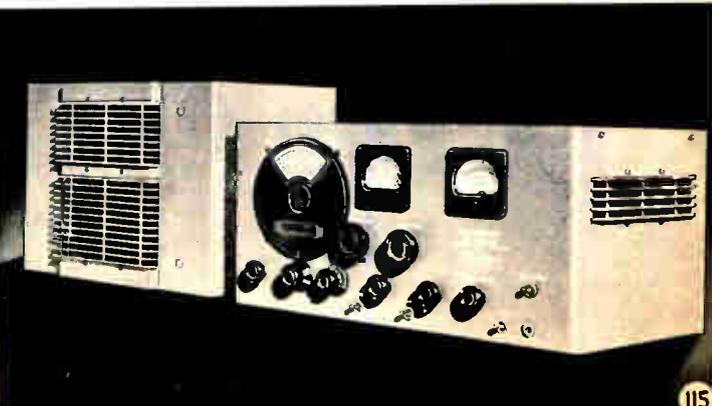
**K21299—CASH PRICE, Less Speaker. \$175.00**  
**Terms: \$17.50 Down \$13.91 per month for 12 months.**  
**K21193—Table Model 10" P.M. Speaker in Cabinet \$12.00**

### Model SX-25 SUPER DEFIANT

One of the finest values that Hallicrafters has ever offered in the communications field! It has so many outstanding features that we hardly know where to begin. Most unusual in a receiver at this price are perhaps its extreme selectivity and its more and better audio amplification. Then there is the automatic noise limiter the separate calibrated band spread dial for the 10, 20, 40 and 80 meter bands, the compensated ultra-stable oscillator, the six-step variable selectivity control, the "S" meter, the 8-watt push-pull output stage, the laboratory checked piezo quartz crystal filter, the matched 10" heavy duty PM speaker in modernly styled cabinet. Four tuning bands cover the complete range from 540 kc to 42 mc. Tube lineup: 6SK7 1st r.f. amp.; 6SK7 2nd r.f. amp.; 6SQ7 2nd det. AVC—1st audio oscillator; 6SK7 1st i.f. amp.; 6SK7 2nd i.f. amp.; 6SQ7 2nd det. AVC—1st audio amp.; 6SQ7 phase inverter; 2-6F6 p.p. output stage; 6H6 automatic noise limiter; 6J5GT beat frequency oscillator and 80 rectifier. There are external provisions for: send-receive terminals, headphones, 5000 ohm or 500 ohm output, single wire or doublet antenna. Both i.f. stages are expanded in the "Broad IF" position for high fidelity performance. The automatic volume control circuit keeps most signals at a uniform level. The automatic noise limiter reduces interference by as much as 70%. The extremely low noise level of the Super Defiant makes it sensitive to very weak signals. Cabinet dimen.: 19 1/2" long, 9 1/2" high and 11 1/8" deep. For 110 V. 50/60 cycle a.c. operation and a socket is provided for d.c. operation from either batteries or a vibrapack. Shpg. wt. 67 lbs.

**K21240—Model SX-25 complete with tubes, crystal and speaker. \$99.50**

**Terms: \$9.95 Down \$7.91 per month for 12 months.**





### RCA Model AR-77

New communications receiver designed to provide maximum performance. Built to meet the specific requirements of the amateur and the technically minded listener. Employs 10 tubes: 3-6SK7's as r.f. and i.f. amps, 6K8 as 1st det. and h.f. osc., 6H6 and 2nd det. and noise limiter, 6SQ7 AVC and a.f. amp, 6F6 audio output, 6SJ7 BFO, 5Z4



rectifier and VR-150 voltage regulator. Incorporates degeneration in output stage, variable selectivity crystal filter and temperature-drift compensation of the h.f. osc. Frequency range from 540 to 31,000 kc (555 to 9.67 meters) in 6 steps. Carrier lever meter calibrated in db, steps to S9 and to 40 db. beyond. Sensitivity averages about 2 microvolts. Dimensions: 20 1/2 x 10 1/2 x 11 3/4" deep. For 105-125 volts 50/60 cycles A.C. Shpg. wt. 57 lbs. Complete with tubes but less speaker.

**CASH PRICE \$139.50**  
**\$13.95 Down \$11.09 monthly for 12 months.**  
 M1 8308 8" PM Speaker in matching cabinet. Shpg. wt. 11 lbs.  
**K21296—YOUR COST \$8.00**

**New Extended Range Speaker**  
 A new console type speaker (illustrated above) with an extended frequency range is available with the AR-77. Its range is within  $\pm 4$  db. from 60 to 5000 cycles. Height 32", width 24", depth 14-1/3". Shpg. wt. 55 lbs.  
**K21330—RCA Model AR-77 complete with tubes and M1-8314 walnut cased Speaker described above. Shpg. wt. 112 lbs.**

**CASH PRICE \$159.50**  
**\$15.95 Down \$12.68 monthly for 12 months.**



### NEW! HOWARD "490"

If it's results you want—try this new Howard "490". Truly the last word in sensitivity, selectivity and efficiency. A 14-tube superheterodyne with 2 r.f. preselection stages. This combined with both variable i.f. selectivity and variable audio response permits a new high in overall selectivity. By setting the audio response so that a peak is obtained at approximately 1600 cycles and setting the i.f. and crystal selectivity adjustments accordingly it is possible to read a c.w. signal through QRM that would make reception impossible on most receivers.

#### 14 Tube Superheterodyne

Tube complement: 6A87 (1853) 1st r.f., 6A87 (1853) 2nd r.f., 6SA7 1st det.-mixer, 6SA7 h.f. osc., 6SK7 1st i.f., 6SK7 2nd i.f., 6H6 2nd det. AVC noise limiter, 6SF5 audio, 6J5 phase inverter, 2-6K6 push-pull output, 6J5 BFO, 7E7 carrier level meter amplifier and 5U4 rectifier. Incorporates temperature-compensated oscillator, variable selectivity i.f., fully shielded coil and condenser assembly, carrier level meter, variable fidelity audio system. Controls include: main tuning, bandspread tuning, r.f. gain, crystal phase, low frequency audio rejection, high frequency audio rejection, pitch, a.f. gain, send-receive, frequency range, two-position crystal selectivity, three-position i.f. selectivity, noise-limiter "off-on", AVC "off-on", BFO "off-on", carrier level meter "off-on". Output terminals at rear of chassis for 5 and 500 ohm load. Terminals for either doublet or single wire antenna provided.

#### Attractive Modern Cabinet

Cabinet finished in fine gray wrinkle. Trim and escutcheons in satin silver. Front panel standard 19" width rack mounting. Size: 11x21 1/2 x 13 1/2". For 105-125 V. 60 cycles AC. Shpg. wt. 57 lbs.

#### Matched Speaker Included

**K21329—Complete with tubes and 10" speaker in matching cabinet. \$149.50**  
**CASH PRICE \$149.50**  
**\$14.95 Down \$11.88 monthly for 12 months.**



### Famous RME-99

RME receivers require no introduction to the experienced amateur—he already knows how good they are. And this new RME-99 is without question the finest of them all. The secret of their performance is the amazing amount of attention that has been given to each detail in their construction. Imagine a chassis that consists of a solid one-piece aluminum casting! Think what this means in respect to the alignment of parts. Then there is the voltage-regulated power supply, the decibel-R carrier level meter, the six tuning bands, the automatic noise suppressor, the 8" diameter band spread scale, etc. 12 tubes are employed: 7A7 1st r.f., 788 1st det.-mixer, 7A4 heterodyne oscillator, VR150 voltage regulator for the oscillator, 3-7A7 i.f. amplifiers, 7F7 2nd det., 7A6 noise suppressor, 7A7 BFO, 7C5 beam power amplifier, 80 full wave rectifier. Tuning range: 540 to 33,000 kc in 6 bands. Full calibrated band spread 3500-4000, 7000-7300, 14,000-14,500 and 28,000-30,000 kc. RF tank circuits switched on ceramic band switching sections. Terminals provided for "break-in" operation. Audio output—4 watts. Impedance 4,000 and 600 ohms. 8" PM speaker furnished in matching metal baffle. Over the entire tuning range the average sensitivity is better than 2 microvolts. This is based on an output of 1 watt instead of the usual 50 milliwatts. One of the chief reasons for this excellent sensitivity is the use of high L/C tuning ratios on all bands. Cabinet is 19" long, 8 3/4" high and 10 1/2" deep. Finished in attractive gray wrinkle (obtainable in black on special order). Shpg. wt. 77 lbs.

#### Matched Speaker Included

**K21331—RME-99 complete with tubes and 8" speaker. For 105-125 V. 50/60 cycles AC operation. \$137.40**  
**CASH PRICE \$137.40**  
**\$13.74 Down \$10.92 monthly for 12 months.**



### Model 436

This model incorporates all of the features of the model 435 described at the right plus a number of important additions and refinements. It has 7 tubes instead of 6. The seventh is a noise limiter that permits you to hear many stations that would otherwise be lost in the QRM. It is so designed that signals having a modulation above 60% and a steep wave front characteristic are cut off automatically. The additional tube is a type 6H6. Also included are the new Howard Inertia Knobs that makes tuning easier and faster.  
 Model 436—complete with tubes and built-in speaker. Shpg. wt. 26 lbs.  
**K21242—**  
**CASH PRICE \$39.95**  
**\$4.00 Down \$6.35 mthly. for 6 mos.**  
 You can have Model 436 converted into a Model 437 for only \$17.05.



### Model 435

Howard Model 435 is the basic unit of the Howard Progressive Series. It is one of the finest low priced communications type receivers available. Tuning range from 540 kc to 43 mc (550 to 7 meters) in four steps. 6 tubes are used in the superhet circuit including: 6K8G osc. mixer, 6SK7 i.f. amplifier, 6Q7G 2nd det.-1st audio, 6K6G output, 6C5 BFO and 80 rectifier. Power output is 2 1/2 watts. For operation on 110-120 volts 50/60 cycles AC (socket on back for "B" battery and/or 6 volt supply). Circuit features include: separate electrical band-spread condenser, ceramic coil forms for oscillator stability, built-in Jensen 6 1/2" dynamic speaker, permeability type of BFO, iron-core i.f. coils, copper plated chassis silver plated shielding illuminated slide-rule dial, band use indicator, electrical band-spread dial, send-receive stand-by switch, audio gain control, BFO pitch control. Housed in metal table cabinet finished in wrinkle black and trimmed with satin silver. Shpg. wt. 15 lbs. Model 435—  
**K21241—CASH PRICE complete with tubes \$29.95**  
**Terms: \$4.00 Down \$4.58 per month for 6 months.**  
 The Progressive Series Plan  
 Start with the basic Model 435 described above and at some future date have it remodeled into a Model 436 at only \$12.75 or a Model 437 at \$27.55. You can send the Model 436 (or a converted Model 435) and have it remodeled into a 437 at only \$17.05!



### Model 437

Top performance is yours with Model 437! In this model you get the basic features of the Model 436 plus the refinements of the Model 436 and plus the utility and extra sensitivity of an RF Stage and the additional selectivity of Two Iron Core I.F. Stages and a Crystal Filter. These features require the addition of two tubes making a total of 9. The additional tubes are: 6SK7 as i.f. amplifier and a 6SK7 as r.f. amplifier. The Crystal Filter enables you to obtain maximum selectivity. Model 437—complete with tubes but less crystal. Shpg. wt. 24 lbs. **K21247—**  
**CASH PRICE \$54.50**  
**\$5.45 Down \$6.50 mthly. for 8 mos.**  
**K21243—As above but complete with crystal. \$62.00**  
**CASH PRICE \$62.00**  
**\$6.20 Down \$7.39 mthly. for 8 mos.**

## HOWARD Progressive Series

# NATIONAL RECEIVERS



## MODEL NC-44

Model NC-44 is National's response to the demand for a communications type receiver capable of fine performance on A.C. or D.C.—and at a low price. Completely self contained except for the speaker, it employs seven tubes in a modern superheterodyne circuit. Uses a 6K8 first detector and oscillator having exceptional stability and conversion gain. Other features include: two 456 kc i.f. stages; 2nd detector and AVC tube; CW oscillator and a 25L6G "beam-power" output tube that provides 2 watts of audio. Separate controls for r.f. and a.f. gain; "on-off" switches for AVC and CWO circuits. Accurate tuning is insured by the use of a full vision dial calibrated in frequency for each range covered; separate linear scale for the band spread condenser. A straight line frequency condenser is used in conjunction with a separate band-spread condenser. Both condensers have inertia type drive. Coil switch has silver plated contacts and selects any one of 4 ranges, covering from 550 kc to 30 mc. Provisions for headphone operation. In black crackle finish metal cabinet, 8 3/4" H, 17" W, 10 1/2" deep. For 110 volts 50/60 cycles a.c. or d.c. Shpg. wt. 45 lbs.

**K21273 - NC-44** complete with tubes, coils and speaker in matching cabinet. List \$82.50.  
**CASH PRICE \$49.50**

**Terms: \$4.95 down; \$5.90 per month for 8 months.**

**K21259 - NC-44A.** Identical with NC-44 described above, but for straight 110 volt, 50/60 cycles A.C. operation. Recommended wherever 110 volts 50/60 cycles A.C. is available.  
**CASH PRICE \$49.50**

**Terms: \$4.95 down; \$5.90 per month for 8 months.**

Both models NC-44 and NC-44A can be supplied finished in grey crackle on special order at same price.

## NC100-A-100-XA

11-tube communications type superhet covering the tuning range 540 kc to 30 mc (555 to 10 meters). One stage of r.f.; two i.f. used. Each has self-contained power supply; includes speaker field excitation. Low loss insulation and Hi-Q coils for ample sensitivity and selectivity. Unique range changing system combines convenience of coil switch with electrical efficiency of plug-in coils. Large full vision dial calibrated directly in megacycles and a separate high speed vernier dial for high precision in logging. The NC-100XA is identical with the NC-100A except for the addition of a built-in crystal filter. Both models use an effective noise limiter. Both in black crackle finish metal cabinets, 17x10 1/2x11 1/2".

**K21256-NC100A**—Complete with all tubes and 10-inch speaker in cabinet.  
**CASH PRICE \$120.00**

**Terms: \$12.00 down; \$9.54 per month for 12 months.**

**K21257 - NC-100XA**—Similar to above, but with built-in crystal filter. Complete with tubes, 10" speaker in cabinet.  
**CASH PRICE \$142.50**

**Terms: \$14.25 down; \$11.33 per month for 12 months.**

## MODEL NC-200

This new National communications type receiver contains new features not previously available in any receiver regardless of price. Using a 12-tube superhet circuit that is inherently stable with all components operated well below their normal ratings insures long life and trouble-free operation. Tubes used: 6SK7 r.f. preselector; 6K8 1st det.; 6J5 h.f. oscillator; 6SK7 1st i.f.; 6SK7 2nd i.f.; 6C8G 2nd det.-limiter; 6SJ7 AVC; 6SJ7 BFO; 6F8G phase inverter; 2-6V6 push-pull audio and 5Y3G rectifier. Outstanding feature is the new tuning and band-switching arrangement having TEN accurately calibrated ranges each with its individual dial scale. Six ranges cover 490 kc to 30 mc continuously, covering the 500 kc marine frequencies. 4 band-spread ranges for the ham 10, 20, 40 and 80 meter bands are spread out over the major portion of the scale. Range indicator system being part of the dial indicates band in use. Same knob used for tuning and band selection, 30:1 ratio. Highly sensitive, 1 microvolt input provides 1 watt audio. Polystyrene coil forms in all circuits. Signal to image ratio better than 30 db at 10 meters. New h.f. oscillator design makes for high stability. Temperature compensating condensers reduces frequency drift to minimum. Utilizes new crystal filter has selectively adjustable in 6 steps. Phasing circuit provides rejection ratios as high as 10,000 to 1. Calibrated signal strength meter. Special socket and plug for emergency or portable battery operation. In metal cabinet, 19 1/4x10 1/2x12 1/4" with speaker in matching cabinet, 15 1/2x10 1/2x9 3/4". With all tubes and xtal filter. Wt. 107 lbs.

**K21260-NC-200.** Complete with all tubes, built-in crystal filter, 10" speaker in matching cabinet.  
**CASH PRICE \$147.50**

**Terms: \$14.75 down; \$11.72 month for 12 months.**

## NATIONAL HRO

World's finest communications receiver, complete with de luxe relay rack, power supply, speaker and spare coil cabinet, in a single unit for table or desk use. Chrome strips between units and speaker grille coincide with other new, streamlined features. Standard model includes all coils for continuous range of 1.7 to 30 mc. Same coils, by simple switching method, may be used for band-spread on amateur bands, providing nearly 12-feet of dial space for each band. Low-drift oscillator and extremely favorable signal to noise ratio provide constant signal level. 2 stages of tuned r.f. provide exceptional sensitivity and image rejection ratio. Lamb type xtal filter circuit. AVC and manual control. V.T. voltmeter calibrated in "S" units. Phone or loudspeaker operation. Finished in black leatherette enamel.

**K21262-HROC**, complete as shown, with 4 sets coils (14-30, 7-14.4, 3.5-7.3, 1.7-4.0 mc.). Shpg. wt. 119 lbs.  
**CASH PRICE \$259.50**

**\$25.95 down; \$20.63 per mo. for 12 mos.**

**K21251-HRO**, rack mounting, as above, less all other units, with 3/16" black aluminum panel, 8 3/4" panel height, Shpg. wt. 62 lbs.  
**CASH PRICE \$192.00**

**\$19.20 down; \$15.26 per mo. for 12 mos.**

**K21265-HRO** table model, otherwise as above, less all other units. Shpg. wt. 62 lbs.  
**CASH PRICE \$179.70**

**\$17.97 down; \$14.28 per mo. for 12 mos.**

**NOTE:** All models above for 6.3 volt A.C. We can supply 2.5v.A.C. models on order at some prices.



### ACCESSORIES FOR HRO RECEIVERS

Type SPC. Combination power supply, speaker and coil cabinet, rack mounting 15 3/4" high. Shpg. wt. 48 lbs.

**YOUR COST \$54.00**

Type MRR. Relay Rack only, 24 1/2" panel space. Shpg. wt. 21 lbs.

**YOUR COST \$13.50**

### POWER SUPPLIES

Type 497. With tube, for 6.3 volt tubes. Shpg. wt. 15 lbs.

**YOUR COST \$15.90**

Type GRSPU497. As above, Rack Type. Shpg. wt. 36 lbs.

**YOUR COST \$29.70**

Type 5897. With tubes, for 2.5 volt tubes. Shpg. wt. 15 lbs.

**YOUR COST \$15.90**

Type GRSPU5897. As above, Rack Type. Shpg. wt. 36 lbs.

**YOUR COST \$29.70**

Type 486. Table type Vibrator Power Pack. For 6.3 volt tubes. Wt. 12 lbs.

**YOUR COST \$27.00**

### SPEAKERS

Type MCS. 8" PM dynamic with 7000 ohm matching transformer, in metal cabinet. Shpg. wt. 12 lbs.

**YOUR COST \$9.90**

Type RFSH. Rack-mounted speaker as above, but an 8 3/4" aluminum panel, black "leatherette" finish. Wt. 16 lbs.

**YOUR COST \$18.00**

Type HCRP. Rack-Mounted Coil Cabinet. With compartment for 5 HRO coils. Wt. 14 lbs.

**YOUR COST \$16.50**

### ADDITIONAL HRO COILS

Type E-900-2050 kc..... \$12.00

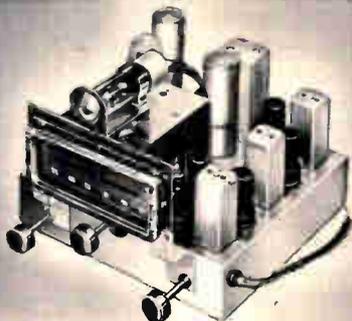
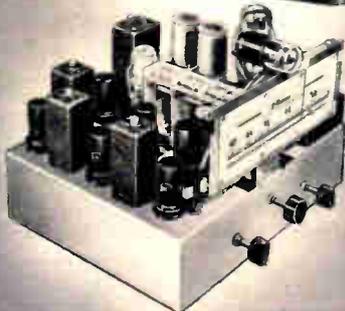
Type F-480-960 kc..... \$12.00

Type G-175-430 kc..... \$16.50

Type H-100-200 kc..... \$18.00

Type J-50-100 kc..... \$22.50

# FREQUENCY MODULATION RECEIVERS



## MEISSNER Frequency Modulation Receptor

12 Tubes—Complete with Audio System and 8" Speaker  
May be Used with External Audio System and Speaker

Constructed with all the precision and scientific accuracy inherent in the Meissner name, this new 12-tube F.M. receptor is complete in a handsome table model cabinet with 8-inch high-fidelity speaker and its own audio system. It may be used as is, or in conjunction with any good audio amplifier and speaker system. A jack located in the rear of cabinet throws the audio system and speaker out of circuit when plugged in for F.M. receptor to operate through an external audio amplifier and speaker system. Frequency range covers 42 to 50 megacycles which covers current and proposed F.M. transmitting stations. A double electron ray tuning eye is provided to facilitate tuning exactly to the center of the average frequency of the receiver carrier. Unusual features of the circuit and mechanical design include: minimizing of frequency drift by use of ceramic insulated sockets, coil form and tuning condensers; temperature compensating condenser; steady voltage regardless of changes in line voltage by means of the V-150 voltage regulator tube. The audio system features negative feedback for high gain with minimum distortion. R.F. stage employs a television amplifier tube to insure maximum sensitivity, signal to noise and signal to image ratio. Air tuned discriminator transformer insures freedom from distortion. Tube complement: 1852 r.f. amplifier, 6SA7 converter, VR-150 voltage regulator, 2-6SK7 i.f. amplifiers, 1852 limiter, 6H6 detector, 6SC7 cathode ray amplifier, 6AD6 "eye", 6CS first audio, 6L6G "beam-power" output and 1-5U4G rectifier.

The Receptor is housed in a beautifully grained two-tone walnut cabinet containing a high-fidelity 8-inch speaker. Cabinet measures 12 1/4" high, 22 3/4" wide and 11" deep. Supplied with special shielded cable when used with external amplifier and speaker. For operation on 110 volts 50/60 cycles a.c. Shpg. wt. 35 lbs. List Price \$99.25.  
**K21333—YOUR COST, with Tubes, \$58.30**

### MEISSNER F.M. Receptor (Chassis Only)

Identical with receptor listed above, except without cabinet and speaker. Completely factory wired and aligned, less tubes.  
**K21329—Shpg. wt. 20 lbs. YOUR COST, \$40.10**

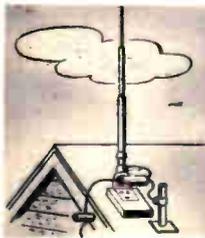
## BROWNING FREQUENCY MODULATION TUNER

Browning's fine new F.M. tuner completely factory assembled, wired and aligned. Requires only the addition of a good amplifier and speaker (see LAFAYETTE Public Address Pages). I.F. and Detector system comprises 3 mc. broadband i.f. amplifier which includes the r.f. amplifier and mixer circuit, two i.f. stages, limiter, detection system and output volume control. High frequency tuner consists of a tuned antenna circuit, one r.f. stage and oscillator circuit. Cover 40 to 54 mc. band. Tube complement includes 2-1852's, 1-6SK7, 1-6SJ7, 1-6H6, 1-6K8, 1-6U5 tuning "eye" and 1-80 rectifier. Tuning dial is 6-inches long, slide-rule type, with pilot light. Chassis size 10 1/2 x 9 1/2 x 2 1/2". Supplied complete with power supply for use on 110 volt 60 cycles A.C. Less tubes. Shpg. wt. 13 lbs.  
**K21297—YOUR COST, \$44.80**

## C.M.L. FREQUENCY MODULATION TUNER

Made by Communications Measurement Laboratories this F.M. tuner is designed to operate with an external audio system and speaker. Completely factory assembled, wired and aligned in hardwood walnut cabinet with a tuning eye and new "thermometer" type dial covering from 42 to 50 mc. Ready to be connected to F.M. antenna and high impedance input of an audio amplifier. Uses: 2-6AB7's, 2-6H6's, 6AC7, 6SA7, 6E5 "eye" and rectifier. Cabinet size: 9" H, 15" W, 8" D. For 110 volts 60 cycles a.c. Shpg. wt. 18 lbs.  
**K21306—Model FM-2. Complete with tubes, YOUR COST, \$37.50**  
Model FM-2C. Chassis above only, with slide rule dial, for mounting in special cabinet. Size: 7x13x8 1/2". Shpg. wt. 16 lbs.  
**K21307—YOUR COST, complete with tubes, \$34.50**

### VERTICAL TYPE FM 6 VR



For best reception of F.M. stations using vertically polarized antennae. Most entirely constructed of plug-in duraluminum sections. Heavily plated steel base holds antenna vertical on any roof. Includes upper and lower matching couplers for short-wave, broadcast as well as F.M. reception. Necessary hardware and complete installation instructions included. Shipping weight 10 lbs.

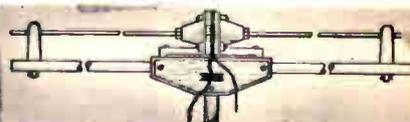
**K22044—YOUR COST EACH, \$6.17**

## BRACH F.M. AERIALS

Designed for reception from horizontally polarized F.M. antennae. 2 cadmium plated brass rods, 72" long. Antenna and receiver couplers and 75-ft. lead-in cable. Fine for short-wave, standard broadcast as well as F.M. Meets specifications of

**F.M. DOWN-LEAD.** Low loss parallel 2-conductor transmission line. Surge imp. 70 ohms at 40 MC. 100 Ft. **2 1/2¢ \$2.20**  
**K20938—Per Ft., \$2.20**

### HORIZONTAL TYPE FM 12 AR



leading set manufacturers. Antenna coupler shell and all stand-offs constructed of porcelain to insure maximum efficiency. Complete with all necessary hardware, mounting pole and insulators. Instructions for mounting. Wt. 10 lbs.  
**K22031—YOUR COST, \$5.88**

## ECHOPHONE Commercial Communications Receiver

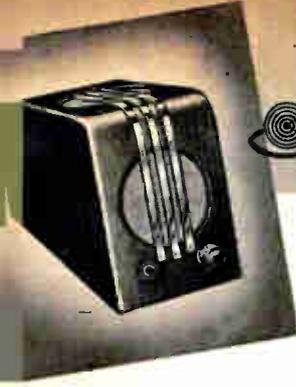
Here's a high quality, low-cost 3-band 6-tube AC-DC communications receiver that is as amazing in performance as it is in price. Three bands cover 545 kc. to 30.5 mc. Has electrical bandspread throughout—ideal for the ham, S.W. fan and experimenter. Features include: AC-DC operation, 115/125 volts; Electrical band spread on all bands; beat frequency oscillator for c.w. and locating weak stations; Dial calibrated in megacycles with important service bands indi-



cated; bandspread logging scale; self-contained speaker. Tuning range: 545-2100 kc., 2.1-8.15 mc.; 7.9-30.5 mc. Tube lineup—12K8 converter; 12SK7, i.f.; 12SQ7 2nd det. AVC 1st a.f.; 35L6GT output. 12J5 B.F.O.; 35Z5 rectifier. Controls: main tuning bandspread, bandswitch, A.F. gain, standby, speaker-headphone switch, combined AVC on-off and BFO switch. Housed in attractive grey crackle metal cabinet; cadmium plated chassis; speaker opening in top. 7 1/2 x 11 x 7 3/8" deep. Shpg. wt. 14 lbs.

**K21332—Complete with tubes, \$19.95 YOUR COST**

# Meissner AMATEUR GEAR



## NEW! Uni-Signal Selector

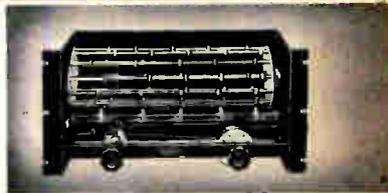
For noiseless CW reception! Combines the principles of electrical, mechanical and acoustical resonance into a unit that serves as both filter and loudspeaker. Rejects static and electrical noises almost in their entirety. Actuated only by a sustained audio frequency as furnished by

a radio telegraph signal. The Meissner Uni-Signal Selector is peaked at 1000 cycles and has band width of 25 to 40 cycles. Isolates and makes readable weak W signals that are otherwise completely blanketed by strong signals. This without loss of strength of the desired signal. Operates only within its bandwidth and cannot be blocked by strong non-resonant signals. Weak signal sensitivity slightly greater than standard dynamic speaker. Power output approximately 1 watt. Connects directly to receiver output of 4000 to 5000 ohms. Requires no power. Equipped with cut-over switch and speaker terminals. Special stethoscopic type headphones available. Dim.: 9 7/8 x 4 7/8 x 6" h. Shpg. wt. & lbs. 10439—Meissner Uni-Signal Selector. No. 9-1026.

OUR COST ..... \$13.47  
13941—Special stethoscopic headphones. YOUR COST ..... \$4.75

## NEW! Signal Resonator

The most sensational device in amateur history! How would you like to have a transmitter completely controlled by a single knob? One that would automatically change band and automatically tune to resonance on several desired frequencies in each band? A transmitter that could be either crystal or ECO controlled, and when used with an ECO, could be instantaneously operated on any frequency in five amateur bands. A transmitter controlled entirely by a single knob? Believe it or not we are talking about your transmitter—the one you are using now! Regardless of power or the number of stages you can make your transmitter a single control unit. You can eliminate all individual tuning controls, band switch levers, crystal selector knobs and antenna tuning controls. The Signal Resonator will automatically tune as many as 5 stages. It provides 110 distinct and automatic tuning functions, and is manually controlled by a single knob. A separate "gear shift" locks the transmitter on frequency. Faster in action than a band switched receiver. Precision built, fool-proof and positive in action. Dim.: 19w.x8 1/2 h.x5d". Wt. 20 lbs. K10440—YOUR COST ..... \$28.90



## NEW! Preselector

Three tuned circuits provide maximum selectivity and image attenuation. Complete coverage from 1.6 to 31 mc in four bands; employs 7/4" slide-rule dial. Average gain 40 db. Antenna compensating condenser with panel knob control permits adjustment for maximum sensitivity and signal to noise ratio. Connections for standard or double antenna. Changeover switch allows direct connection of aerial to either receiver or pre-selector without turning off the preselector. Cabinet 11 1/2 x 11 1/4 x 9". For 110 volts 50/60 cycles a.c. Uses 2-1B52's and 1-5Y4G. Wt. 20 lbs. Complete with tubes. K21215—

CASH PRICE ..... \$42.63  
Terms: \$4.26 Down \$5.08 Monthly for 8 months.



## Signal Splicer

A simple device for use with any receiver that enables you to obtain a considerable increase in signal strength without increasing the noise as well. Experienced amateurs know that an antenna even slightly mismatched to their transmitter causes a tremendous loss in power. The same thing holds true with respect to matching the antenna to the receiver. An accurate match between the two brings up signal strength amazingly and reduces noise considerably. The Signal-Splicer will provide this match between your receiver and any type of aerial. Complete with 1 set of coils and instructions. K10397—YOUR COST EACH ..... \$3.87  
K10094—Extra pair of coils for unusual conditions. .... 95c



## Signal Shifter

A variable frequency exciter of remarkably stability delivering approx. 7.5 watts of power on the 14, 7, 3.5 and 1.7 mc bands. Single dial control. Inst. frequency changes in any given band. May be link coupled to x'mitter. Employs: 6F6, 6L6, 5X4G, 1-VR105-30 and 1-VR150-30 tubes. Has built-in key-click filter. Cab.: 9x11 1/4 x 11-9/16". Complete with tubes and 20 meter coils. For 110 V, 50/60 cycles a.c. Wt. 15 lbs. K21109—Black.  
K21108—Gray. \$46.55  
CASH PRICE .....  
Terms: \$4.65 Down \$5.55 per month for 8 months.

K21110—160M. coils.  
K21111—80M. coils.  
K21112—40M. coils.  
K21113—20M. coils.  
K21114—10M coils. } Per Set \$2.45



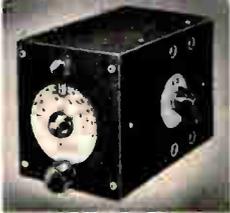
## 5-10 M. Converter

Covers 5 and 10 meter (28-30 and 56-60 mc) bands on a two band dial scale 7/4" long. Uses 1B52 r.f. 6F6 osc., 1B52 mixer, VR-150 voltage regulator and 6X5 rect. Provides an average gain of 20 db. Output impedance will match average receiver input. Can be used with any amateur band or standard multi-band receiver. Manual gain control provided. Changeover position on range switch permits connecting antenna to converter or receiver without turning converter off. Cabinet 11 1/2 x 11 1/4 x 9". For 100 volts 50/60 cycles a.c. With tubes. Shpg. wt. 23 lbs. K21217—

CASH PRICE ..... \$43.85  
Terms: \$4.50 Down \$5.21 Monthly for 8 months.

## BROWNING Frequency Monitor

For accurately checking transmitter and received frequencies both visually and audibly. Employs an extremely stable 100-1000 kc oscillator as standard. This can be checked against WWV. 3 additional separate oscillators are employed for covering the six amateur bands. Fundamentals of these are: 1.7-2 mc for 160 and 80-meter bands; 7-7.5 mc for 40, 10 and 5-meter bands; and 7-7.2 mc for the 20-meter band. Accuracy greater than 2 parts in 10,000. Complete band spread. No gears. Direct reading. Reads to 2 kc on 20 M. band. Visual deviation indicator. Built-in mixing circuit. 5 1/2" dial—240° scale. Self-powered for both a.c. and d.c. 110 V. Dim.: 14x7x6". Gray finish. Wt. 13 lbs. List \$66.50. K10510—With tubes. \$39.50  
CASH PRICE .....  
Terms: \$5.90 Down \$6.01 Monthly for 6 months.



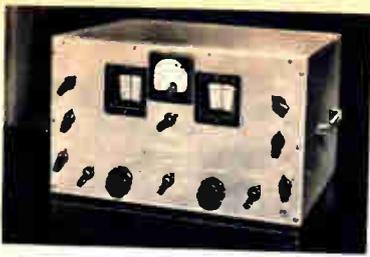
## BROWNING Converter

Compact converter, measuring only 4x6 1/4 x 4 1/2", makes any broadcast receiver (auto or home) into an efficient 5 and 10 meter receiver. Power for operation can be supplied by most receivers: 45 amp. at 6 V. and 10 ma. at 250 V. Rubber-cushioned mounting bracket and shielded leads supplied for dashboard mounting and connection to auto radio. Has separate coils for antenna and oscillator circuits for both 5 and 10 meters. Band switching. Antenna throw-over switch. All coils air-trimmed and air-tuned. Voltage stabilized. Shpg. wt. 8 lbs. Complete with tube. \$24.90  
K21258—CASH PRICE .....  
Terms: \$4.00 Down \$4.43 per month for 5 months.



## BROWNING Preselector

Famous signal booster that covers from 5 to 185 meters (1.6 to 64 mc) in five bands. Features: r.f. gain of 25 to 70 db. on all bands; electrical band spread; improved signal to noise ratio; new low loss coil forms; may be used as short wave converter; image rejection ratios of 500 or more; smooth regeneration control; 3-3/16" nickel finish laboratory type dial with vernier drive; antenna throw-over switch; built-in filament transformer (B voltage obtained by means of clip attached to output of receiver). Uses 1-1B52 tube in black crackle finished steel cabinet 7x10x6". Shpg. wt. 9 lbs. Complete less tube. \$19.80  
K21198—EACH .....  
K21199—Same in kit form. \$16.50  
YOUR COST .....



# Hammarlund

## "HQ-120X"

An ultra-modern 12-tube superheterodyne designed to meet the most critical demands of both the amateur and professional operator. This communications receiver covers a continuous range of from 31 to .54 mc. (9.7 to 555 meters) in 6 steps, including all important communication, amateur and broadcast bands. Features newly developed crystal filter circuit, variable in six steps from full band width to razor-edge selectivity, plus phasing control; "S" meter for measuring signal strength; Noise Limiter circuit; Antenna Compensator, permitting perfect matching to various types of antennae; Drift-corrected oscillator circuit; AVC; Beat Oscillator; Send-Receive switch; Phone Jack; Relay Terminals; Band-Spread for each band from 10-80 meters covering 310 degrees. Employs permeability-tuned I.F. transformers, for extreme sensitivity. Size: 17 1/2 x 10 1/2 x 7 1/4".

**K21011**—New HQ-120-X Model (includes crystal for crystal filter circuit, with speaker and tubes. Wt. 61 lbs. **\$138.00**

The new Hammarlund HQ-120X Model complete with speaker, tubes and cabinet is available on the Lafayette Time-Pay Plan to fit all pocket-books. Down Payment is only \$13.80 with subsequent payments of \$10.97 for 12 months.

**K21012**—Metal Speaker Cabinet. Size: 12 1/2 x 12 1/2 x 7". Shpg. wt. 15 lbs. **Your Cost \$3.90**

## "Super-Pro"

An 18-tube professional type receiver embodying the latest developments in the communication field. Incorporates features which enable it to take the place of several special receivers usually necessary where the service is diversified. Ideal for commercial, military or amateur service where exceptional performance is demanded. Features: 2 stages tuned r.f.; variable selectivity crystal filter; noise limiter; "S" meter; full electrical band spread; h.f.o.; 8-page audio. For 110 volts, 50/60 cycles a.c. In table cabinet 21 1/2 x 12 1/2 x 15". Black wrinkle finish. Shpg. wt. 115 lbs.

**15-\$60 Meter Models**  
**K21041**—Table Model SP210X, with tubes, power supply and 10" dynamic speaker. **With Crystal. List \$465.00. Cash Price \$279.00**

Terms: \$27.90 Down; \$22.18 per month for 12 months.

**K21043**—Rack Model SPR210X complete with dust cover. **Cash Price \$289.50**

Terms: \$28.95 Down; \$23.01 per month for 12 months.



**7.5-240 Meter Models**  
**K21045**—Table Model SP210SX, with tubes, power supply and 10" speaker. **With Crystal. List \$465.00. Cash Price \$279.00**

Terms: \$27.90 Down; \$22.18 per month for 12 months.

**K21047**—Rack Model SPR210SX complete with dust cover. **Cash Price \$289.50**

Terms: \$28.95 Down; \$23.01 per month for 12 months.

## Transmitter Foundation Kits

"Hams" everywhere are expressing their enthusiasm over the HAMMARLUND method of transmitter construction. It is no longer necessary to build complicated bulky apparatus. These new transmitter foundation units eliminate the usual chassis with its difficult drilling and machining. They are so simple to assemble that even the most inexperienced person can build a neat, professional appearing and performing transmitter. All brackets are completely drilled and shaped to fit standard parts.

### "PA-300" Amplifier

For a low (809's, T-20's, 10's, etc) or a medium power (808's, RK37's, T55's, etc.) transmitter. Plate condenser has .070" spacing permitting 2000 volts. Assembled size: 13x8 1/4x8".

**K9010**—Complete Parts Kit including hardware kit, 1—MTC-100-B, 1—MTC-100-C, 2—N-10 condensers, 1—CH-500 choke, 2—S-4, 1—S-5 sockets, 4—SWF-5 coil forms. With instructions. Shpg. wt. 6 lbs. **Your Cost \$16.77**

**K9009**—Hardware Kit including brackets, screws, washers and nuts. List \$3.25. **Your Cost \$1.95**

### "BD-40" Buffer-Driver

Buffer-Driver-Multiplier for multi-stage transmitters or as driving unit for the PA-300 amplifier. Uses low power beam tube (807, RK-39, etc.). Output approx. 40 W. Size: 8 1/2 x 7 1/2 x 3 1/4".

**K9012**—Complete Parts Kit including hardware kit, 2—MTC-100-C condensers, 2—S-4, 1—S-5 sockets, 1—CHX choke, 8—SWF-4 coil forms and instructions. Shpg. wt. 6 lbs. **Your Cost \$8.94**

**K9011**—Hardware Kit includes bracket, tube shield, screws, washers nuts, etc. With instructions. List \$3.60. **Your Cost \$2.16**

### "OD-10" Oscillator-Doubler

Standard TriTet oscillator-doubler. Used as low power transmitter or with "BD-40" and "PA-300" units. Size: 8 1/2 x 7 1/2 x 3 1/4".

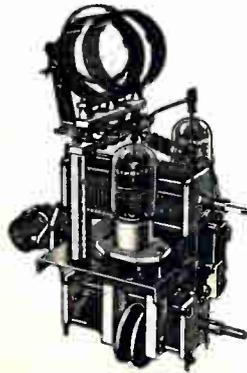
**K9014**—Complete Parts Kit including hardware kit, 2—MTC-100C condensers, 2—S-4, 1—X-S-2 and 1—S-8 sockets, 1—CHX choke, 2—SWF-4 coil forms. Shpg. wt. 6 lbs. **Your Cost \$7.44**

**K9013**—Hardware Kit consisting of brackets, base plate, crystal mounting, screws, nuts, etc. List \$2.80. **Your Cost \$1.68**

### "PA-150" Amplifier

Hammarlund's latest medium power foundation kit. Delivers up to 175 watts with pair of HK24's or similar tubes. Suitable for operation on 80, 40, 20 or 10 meters. Voltages up to 1000 volts can be used with plate modulation, or to 2000 volts unmodulated. Little more than 10 watts excitation required. Size: 11 1/2 x 8 x 5 1/2". Instructions supplied. **K7249**—Complete Parts Kit including hardware kit, 2-HFB-100C condensers, 1 Ch-250 Choke, 3 sockets, 2-N-10 neut. conds., 2-SOS-250 insul., 6-SOS-100 insul. With instructions. Shpg. wt. 8 lbs. **Your Cost \$14.28**

**K7248**—PA-150 hardware kit including brackets, screws, washers and nuts. List \$2.80. **Your Cost \$1.68**



## 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 30,000 kc. Type CH-500. **K8522 Your Cost \$1.05**

## Isolantite R.F. Choke

For short and ultra-short wave receivers and transmitters. Four windings carry 125 ma., inductance 8 mh., d.c. resistance 70 ohms. 1 3/8 x 1/2". Type CH-8. **K8524 Your Cost 66¢**

## Power Tube Shield

Designed for use with xmitting pentodes, tetrodes, and 807, RK-39, 804, RK-20 and similar tubes which require an external shield for best results. Constructed of heavy aluminum. **K8534—Type PTS Your Cost 24¢**



## Midget R.F. Choke

5 universal-wound pies on Isolantite core 1 1/2" long, 1/2" in diameter. Inductance 2.1 mh., d.c. resistance 35 ohms, rated at 125 ma. **K10002—Type CH-X Your Cost Each 30¢**

## 250 Ma. Choke

Similar to above in design but rated at 250 ma. for use in medium power rigs; inductance 1 mh.; 10 ohms d.c. res. **K10038—Each 30¢**

## Bakelite-Cased Chokes

Very effective for broadcast and SW receivers. Large inductance, low distributed capacity. Bakelite case 1 1/2" diam., 1 1/4" high. Type RFC85—Passes 60 ma. 85 millih., 215 ohms. **K8525—Your Cost \$1.35**  
Type RFC250—250 millih. at 60 ma., 420 ohms. **K8526—Your Cost \$1.50**



## Short-Wave Manual

32 pages data on s-w and uhf. receivers, xmitters, converters, power supplies, etc. Photos and diagrams. **K20023 Each 10¢**

## "TC" X'mitting Condensers

Moderately priced heavy duty transmitting condensers featuring: heavy aluminum end plates; Isolantite cross bars; non-inductive Beryllium self-cleaning contacts; full floating rotor bearings. Type L has .025" plates with plain edges; all others have .040" rounded plates. Ideal for modern up to date transmitters with power outputs ranging from 200 watts to 1 kilowatt.

Stock No.	Type No.	Cap. Mmfd.	Plates	Plate Spacing	Length Ins.	Your Cost
K9049	TC-55-F	60	15	.230"	5	\$4.80
K9048	TC-150-G	165	37	.200"	9 1/4	8.88
K9041	TC-25-H	23.5	5	.171"	2 1/8	2.10
K9043	TC-110-H	115	23	.171"	5 1/2	5.40
K9035	TC-90-K	95	11	.084"	2 3/8	2.70
K9030	TC-220-L	220	21	.070"	3 3/8	2.70
K9034	TC-440-L	465	43	.070"	5	4.62

## "TCD" Dual Units

K8940	TCD-50-H	53	11	.171"	5 1/2	5.88
K8941	TCD-110-H	115	23	.171"	10 1/2	9.60
K8936	TCD-90-K	93	11	.084"	3 1/2	4.50
K8934	TCD-80-L	90	9	.070"	3 3/4	3.30
K8935	TCD-210-L	215	21	.070"	5	4.95

\*TCD units are identical with type TC except that stator sections (capacities shown) are individual.

## Type N-10 Neutralizing Condenser

High voltage horizontal adjusting neutralizing condenser. Micrometer control provided by fine thread screw. Range: 2.1 to 10 mmfd. Air gap 1.16" to 11.16". Isolantite insulation. Lock nut for permanent setting. 2 1/2 x 1 1/4". **K8573—Your Cost \$1.80**



# Hammarlund

# PRECISION PRODUCTS

## Type "HFA" and "HFB" Condensers



A new line of transmitting and receiving condensers. All cadmium plated brass parts. Isolantite end plates HFB models have insulated control shafts especially designed for circuits where high voltage is connected directly to the rotor; more compact; higher factor of personal safety. 100% soldered construction. 1/4" shafts; all plates semi-circular. 1 1/4" square Isolantite end plates. All rear bearings are single ball thrust.

Stock No.	Hamml'd No.	Per Section Mmf.	No. Plates	Air Gap	Length Ins.	Your Cost
K7225	HFBD100C	100	23	.050"	4 5/8	\$3.09
K7226	HFBD100E	100	29	.070"	6 11/16	5.40
K7227	HFBI100E	100	29	.070"	3 13/16	3.48
K7228	HFBI100F	100	39	.100"	5 7/8	4.14
K7229	HFAD100A	100	19	.020"	2 3/4	2.04
K7230	HFAD140A	140	27	.020"	3 3/8	2.34
K7231	HFAD100B	100	27	.030"	3 3/8	2.40
K7232	HFAD15E	15	9	.070"	2 3/4	1.80
K7233	HFA100A	100	19	.020"	1 13/16	1.17
K7234	HFA140A	140	27	.020"	1 3/4	1.38
K7235	HFA10B	10	3	.030"	2 5/8	.81
K7236	HFA15B	15	5	.030"	3 1/2	.84
K7237	HFA25B	25	7	.030"	3 1/2	.87
K7238	HFA50B	50	14	.030"	1 3/8	1.02
K7239	HFA15E	15	9	.070"	1 3/8	.99
K7240	HFA30E*	30	17	.070"	2 1/2	1.35

\*Uses rear Isolantite panel.

## 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; 500-volt a.c. test.

Stock No.	No. of Plates	Cap. Mmf. Min.-Max.	Your Cost
K8503*	3	5.5-20	\$0.84
K8504*	5	6-35	.90
K8505*	7	6.5-50	.96
K8506*	11	8-80	1.20
K8507*	11	7.3-80	1.20
K8508*	14	8.3-100	1.35
K8509*	14	7.5-100	1.35
K8510*	19	9-140	1.50
K8511*	19	10-140	1.50
K8512*	34	10.3-200	1.65
K8513*	43	12-260	1.80
		13.5-320	2.10

\*Midline. † Semi-circular plates.

## "HF" Micro Condensers

Single Cadmium-plated, soldered brass plates; Isolantite insulation; single-hole mounting or base mounting.

No.	Mmf.	Plates	Each
K8700	17.5	5	\$0.75
K8701	35	10	.90
K8702	50	14	.96
K8703	100	27	1.14
K8704	140	37	1.35
K8705*	30	20	1.11

"HFD" Dual Units Specs. are given per section.

No.	Mmf.	Plates	Each
K8706	50	14	\$1.65
K8707	100	27	1.95
K8708	140	37	2.25
K8699*	16	11	1.80
K8709*	28.5	19	1.95

\*Indicates double spacing.

## "MCD" Split-Stator



Entire condenser built on a strong Isolantite base. Shield plate between stators. Capacities are for each section. All 3 3/4" behind panel.

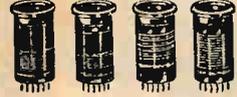
No.	Type	Mmf.	Each
K8519*	MCD140M	140	\$2.40
K8520*	MCD100M	100	2.10
K8521*	MCD50M	50	1.80

Double-Spaced Split-Stator Have wide (.0715") spacing of plates. Other specs. as above.

No.	Type	Mmf.	Each
K8490*	MCD35MX	31	\$2.10
K8528 †	MCD35SX	31	2.10

\*Midline. †Semi-Circular plates.

## "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				SWK6 6-Prong Kit			
Kit of four 2-winding coils covering from 17 to 270 meters with 140 mmf. condenser				Kit of four 3-winding coils covering from 17 to 270 meters with 140 mmf. condenser			
K9788—Your Cost \$1.80				K9789—Your Cost \$2.25			
Individual 4-Prong Coils				Individual 6-Prong Coils			
Stock No.	Meters	List	Net	Stock No.	Meters	List	Net
K8500	10 to 20	\$1.00	60c	K8501	10 to 20	\$1.25	75c
K8474	17 to 41	1.00	60c	K8478	17 to 41	1.25	75c
K8475	33 to 75	1.00	60c	K8479	33 to 75	1.25	75c
K8476	66 to 150	.75	45c	K8480	66 to 150	1.00	60c
K8477	135 to 270	.75	45c	K8481	135 to 270	1.00	60c
K8970	250 to 560	1.25	75c	K8971	250 to 560	1.50	90c

## SWF Low-Loss Coil Forms

These forms are made of XP53 dielectric. Their amber color is natural. All forms are grooved and equipped with flange grips for easy handling. Meter indexes for wavelength inscription. Size 1 1/2" diameter, 2 1/2" long.

K9970—4-prong	Each. 21¢	K9972—6-prong	Each. 24¢
K9971—5-prong	Each. 21¢	Your Cost Each.	24¢

## TCF Giant Transmitter Forms

Similar to above but for large transmitting coils. Groove ribbed for air-spaced windings. Supplied with brackets for base mounting. 2 1/2" winding diameter. 3" long exclusive of prongs. Fits standard 4 and 5 prong tube sockets.

K8740—4-prong. K8741—5-prong. Either Type, Each. 42¢

## 28-56 MC. Coil-Form

Designed for maximum efficiency on ultra high frequencies between 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 60¢

## 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 Your Cost 75¢

## "T" & "ST" I.F. Units

Lattice wound impregnated coils. 465 kc. units Litz wound. Mica type condensers, Isolantite base, top adjustable. Shield on "T" type 2 1/2" diam., 3 1/2" high; "ST" type 2 3/4" x 1 1/2". Threaded mtg. lugs. 262 kc. for auto radios.

\* B.F. oscillator Your Cost Each, Any Type. 99¢

## Variable Coupling I.F. Air-Tuned Transformer

Continuously variable coupling for maximum fidelity or selectivity. 3-pie Litz windings on Isolantite. Air-type tuning condensers mounted on side of can. Can is 2" square, 5" high.

K8537—465 kc. Type VT. Your Cost \$3.30

K8536—Type VTC panel control unit for up to 4 i.f.t.s. Your Cost Each \$1.50

## Dual-Spaced Midgets

.0715" air gap; Isolantite insulation; single-hole mount; compact.

No.	Type	Mmf.	Each
K8527	MC20MX	20	\$1.20
K8468†	MC20SX	20	1.20
K8488†	MC35MX	32	1.35
K8489†	MC50MX	50	1.65
K8502	MC100SX	100	2.10

† Straight Line.

## Band Spread Midgets

Tank section has capacitance of 100 mmf., and can be set and locked. Tuning sections as noted below. Isolantite insulation. 1/4" shaft front and rear for ganging.

No.	Type	Mmf.	Each
K8516	MC120B	18	\$1.80
K8517	MC150B	50	1.95

## STAR Midget Condensers

Non-corrosive aluminum plates. Bakelite insulation. Single-hole mount, 1/4" shaft. Wiper spring contact to rotor plates. Finest low priced condensers made for experimental purposes.



Stock No.	Cap. Mmf.	Depth Inches	Your Cost
K8482	15	1 1/8	51c
K8483	25	1 1/8	51c
K8484	50	1 3/8	54c
K8485	100	1 3/8	60c
K8486	140	1 3/8	75c
K8487*	35	1 1/2	60c
K8469*	50	1 1/2	75c

\*Double-spaced transmitting units.

## 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. Mmf. Min.—Max.	Your Cost
K8623	3 25	\$0.78
K8624	3.9 50	.90
K8625	4.5 75	1.02
K8626	5.5 100	1.14
K8743	6.5 140	1.35

## Type "MEQ" Trimmer

Mica dielectric on Isolantite base. Size, 3/4" x 3/4". Has capacitance of 3 to 30 mmf.



K9747—MEQ-30 Your Cost Each 18¢

## Equalizers

Mica dielectric; Bakelite base; phosphor bronze plates; size of base 1 1/4" by 1 1/4". May be attached directly to binding post of socket, etc.

K9748—3 to 35 mmf. Type EC-35. Your Cost Each 18¢

K9749—25 to 80 mmf. Your Cost Each 24¢

## Mica Trimmers

Type "MICS". Mounted on Isolantite bases. Size, 1 x 1 1/2". Tested for 500 volts d.c. breakdown.



Any Type, Ea. \$3.30

K8529—ETU-10 (10M) K8538—ETU-40 \$3.30

K8531—ETU-20 (20M) K8515—ETU-80/ \$2.70

K8533—ETU, as above, with unwound coil form. List \$4.50. Your Cost



## Type "ETU" Exciter Tuning Unit

Ideal units intended for use in multi-band transmitter exciters. Available unwound, or wound for 10, 20, 40 and 80 meter bands. Designed to work with 6L6's. Has two 25 mmf. double spaced condensers and 2 x 3/8" diam. winding form. Shield can: 2 1/2" x 4".



# NATIONAL Amateur EQUIPMENT

## Type "B" Vernier Dial



Ratio variable from 6:1 to 20:1. Black Bakelite shell, 4" diam. **K14367**—Clockwise, 200-0 in 360°. **K14368**—Either direction, 0-100-0; 180°.

Your Cost Each... **\$1.65**  
**K14352**—Dial illuminator... 30c

## TYPE "BM" Similar to above but without variable ratio. 3" dia. **K14371**—Either direction, 0-100-0; 180°.

**K14372**—Clockwise, 200-0; 360°. Your Cost Each... **\$1.50**

## Type "N" Precision Dial



Engine divided scale and vernier of solid German silver. Reads to 1/10 of a division. Planetary drive ratio 5:1. Diam. 4". Bakelite knob part of dial assembly.

**K14363**—Scale 0-100, 180°. Counter-clockwise.  
**K14364**—Clockwise 100-0, 180°.  
**K14365**—Clockwise 150-0, 270°.  
**K14366**—200-0, 360°. Clockwise. Your Cost Each... **\$4.05**

## Type "O" 3 1/2" Dial



Circular graduated in German silver. Counter-clockwise, 0-100, 180°. 2 3/4". Bakelite knob. For 1/4" shafts. List \$1.50 **K14567**

Each... 90c  
**K14564**—HRK Knob Only... 51c

## HRO Dial And Knob



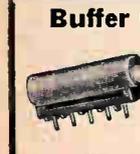
Finished in etched nickel silver. 1 1/2" diam. Takes 1/4" shafts. 0-10 in 180°. With black Bakelite knob. **K14568**—Your Cost... **45c**

## Shaft Couplings



Insolantite insulation. Takes 1/4" shafts. **K8470**—TX-9... 66c  
 As above, but with canvas Bakelite insulation. **TX-10**... 33c  
**K8471**—Your Cost... 33c

## Buffer Coil Forms



Type XR-13 is 1 1/2"x3 1/4"; type XR-13A is 1x3 1/4". Both types drilled for leads and both fit PB-5 plug. Insolantite. Shpg. wt. 2 lbs. **K14571**—UR-13 complete buffer coil assembly... **\$1.50**  
**K14572**—XR-13 coil form... 66c  
**K14569**—XR-13A coil form... 36c  
**K14573**—Plug only. PB-5... 15c  
**K14574**—Base only. XB-5... 15c  
 Your Cost Each, Either Type... **45c**

## "CIR" Insolantite Sockets



Insolantite body in metal ring can be rotated and locked. All but octal mount on ceramic stand-off (furnished). Two metal pillars with octal type.

No.	Prongs	No.	Prongs
<b>K14534</b>	4	<b>K14537</b>	7 small
<b>K14535</b>	5	<b>K14538</b>	7 large
<b>K14536</b>	6	<b>K14539</b>	8 octal

Your Cost Each, Any Type... **24c**

## Pentode Acorn Socket

Type XMA. On square copper base with built in by-pass condensers. List \$2.00



**K14506**—Your Cost Each... **\$1.20**

## Triode Acorn Socket

Type XCA. Of Insolantite.



**K14535**—Your Cost... **90c**

## New R-175 Choke



Transmitting choke for the amateur bands. Suitable for series or parallel feed circuits in rigs up to 3000 volts modulated plate supply. Characteristics: d.c. resistance 6 ohms; d.c. current rating 800 ma.; inductance 225 microhenries; distributed capacity 0.6 mmfd.; voltage breakdown to metal base 12,500 volts. Pie wound.

**K14398**—Each... **\$1.65**

## "XC" Insolantite Sockets



These Insolantite sockets reduce losses to a minimum. Suitable for either standard sub-panel or base board mounting.

No.	Prongs	No.	Prongs
<b>K14425</b>	4	<b>K14439</b>	7 small
<b>K14426</b>	5	<b>K14440</b>	7 large
<b>K14427</b>	6	<b>K14477</b>	8 octal

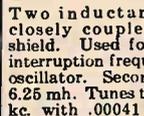
Your Cost Each... **36c**

## R100, 100U, 300 Choke



**R100**. For receivers and low-power transmitters. Four sections on Insolantite. With long wire leads. Induct., 2 1/2 mh., d.c. resist., 50 ohms, rating, 125 ma., distributed cap., 1 mmfd. (A) List 50c  
**K14429**—Each... **30c**  
**R100U**—Same specifications as above, but for chassis m'tg. like stand-off insulator. (B) **K14421**—Your Cost... **36c**  
**R300**—Like R100, but 1 mh. induct., 10 ohms D.C.; 300 ma.; 1 mmfd. dist. cap. (A) **K14422**—Your Cost... **30c**

## Low Freq. Oscillator



Two inductances, closely coupled, in shield. Used for the interruption frequency oscillator. Secondary 6.25 mh. Tunes to 100 kc. with .00041 mid. Type OSR. **K14600**—Your Cost... **90c**

## Flex. Shaft Couplings TX-11, TX-12, TX-13



Insolantite insulation with short length of flexible shafting. Will drive shaft at angle up to 90°. Takes 1/4" shafts. **K14520**—TX-12. 4 3/4". Each... 75c  
**K14529**—TX-13. 7 1/2". Each... 90c  
**K14531**—TX-11. Without insolantite insulation. 4 3/4". Your Cost Each... 36c

Solid 1/4" Shaft Couplings: Solid insolantite. **K14502**—3 1/4". TX-2... 66c

## New 5-B-100 Complete Tank Circuit



Complete tank circuit, including coils, condensers and r. f. choke, which tunes through 5 amateur bands with a single dial. The unit compact, and provides real constant I/C ratio throughout the tuning range. Constant link loading or capacity coupling may be used. For R. F. amplifiers up to 150 watts input, or grid tank for amplifiers up to 2 KW input. For tubes like 35T, 809, 811, 812, RK11, RK12, HK24, etc. Max. plate voltage 1250; modulated 750. 8x6x4". Wt. 5 lbs. **K14510**—Your Cost... **\$18.00**

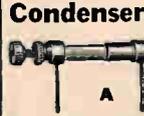
## Ceramic Coil Forms



Consists of the XR-10A coil form (for 20 and 40 meters), the new Insolantite plug-in base and socket. Plug has five prongs. Socket clamps on tie-bar of TMA units.

**K14347**—XR-10A coil form only. 26 turns. 2 1/2"x5". Your Cost... **90c**  
**K14610**—PB-15. Plug-in base only. Your Cost Each... 81c  
**K14611**—XB-15. Socket only. Your Cost... 51.05  
**K14612**—XR11A. Coil form only. (80 meter). 5x5". **\$2.10**  
 Your Cost...

## "NC" Neutralizing Condensers



Type NC-600 (A) range 1/2 to 5 mmfds. For 6L6's and other beam tubes. List 45c. **K14252**—27c  
 Each... **27c**  
 Type NC-600 (B) for RCA 800. Has two plates, micrometer adjustment. Insolantite pillars. List \$3.00. **K14259**—Each... **\$1.80**

## Steatite Stand-Offs



Both 1 1/8" high, 1 1/8" centers. GS-8 has nut and bolt hardware; GS-9 has jack top for banana plug.

**K14486**—GS-8. Each... 21c  
**K14487**—GS-9. Each... 30c  
 Your Cost Each... 30c

## Steatite "Cones"



Small units tapped 8/32 at each end; GS-6 and GS-7 tapped 10/32.

No.	Type	Height	Each
<b>K14493</b>	GS-10	3 1/2"	4 1/2c
<b>K14483</b>	GS-5	1 1/4"	15c
<b>K14484</b>	GS-6	2"	27c
<b>K14485</b>	GS-7	3"	45c

## Insolantite Stand-Offs



Metal mounted top and bottom. Shaped for maximum efficiency. Ideal for r. f. choke cores.

No.	Type	Dia.	Ht.	Each
<b>K14479</b>	GS-1	1 1/2"	1 1/2"	15c
<b>K14480</b>	GS-2	1 1/2"	2 1/2"	21c
<b>K14481</b>	GS-3	1 1/2"	2 1/2"	54c
<b>K14482</b>	GS-4	1 1/2"	4 1/2"	66c
<b>K14475</b>	GS-4A	1 1/2"	6"	96c

## Steatite Tuners AA-3, AA-6



AA-3 Feeder  
 AA-6 Feeder  
 (top) is 6 1/2" long, 3/8" diameter. Will give 600 ohm surge impedance with No. 12 wire. List 30c.

**K14498**—Each... 18c  
**AA-6 Antenna Insulator (bottom)** 1/2" dia., 4 1/4" long. **K14499**—Each... 21c

## Victron Terminal Strip & Posts



For antenna connections in H. F. receivers. Strip below. FWB

**K14409**—Strip Only. Each... 6c  
**FWA Binding Posts**, accepts banana plug at top and wire through hole. Positive clamp. **K14410**—Each... 15c

## Victron Bushing



Through Point Bushing or stand-off. For H. F. use.

With .093" conductor, which is removable. **K14411**—Each... 4c

## Steatite Bushing



For mounting condensers through chassis, etc. For H. F. use. 1/4" thick, 3/8" dia. **K14415**—Each... 9c

## Exciter Coils and Forms



Unglazed Insolantite form drilled for leads (at left). **K14613**—XR-16 coil form... 36c  
**K14614**—PB-16 plug... 24c  
**K14615**—XB-16 socket... 30c

## AIR SPACED COILS

Victron insulated. Tune with 30 mmfd. Fit XB-16 socket (right).  
 End Link Band Center Link  
 No. Meters No.  
**K14583** 80 **K14587**  
**K14584** 40 **K14588**  
**K14585** 20 **K14589**  
**K14586** 10 **K14590**  
 Your Cost Each, Any Above Type... **90c**



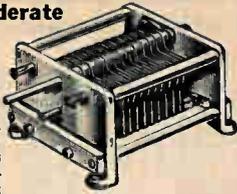
# NATIONAL Amateur EQUIPMENT

## "TMC" Moderate Power Units

For use with RK18, RK20, 800, 830, 203A, 210, etc. Air gap is .077"; buffed plate edges; aluminum plates and heavy aluminum frame; Insulante insulation; 3-hole panel mounting with bolts and spacers; flanged legs for base mounting; 1/4" shafts, 1 1/2" long; overall size: 3 3/4" wide, 2 3/8" high (except TCN). Have double spring type rotor wiping contacts. **Letter D after type denotes split stator.**

Stock No.	Nat'l No. & Cap. Mfd.	No. Plates	Peak Volts	Your Cost
K14592	TMC-50	7	3000	\$2.40
K14593	TMC-100	13	3000	2.70
K14594	TMC-150	21	3000	3.15
K14596	TMC-300	39	3000	3.90
K14595	TMC-100D	13-13	3000	4.50
K14261	TCN*		6000	2.40

\* For neutralizing 203A, 852, 204A, etc.

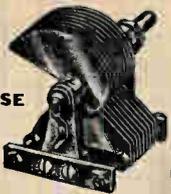


## Midget Receiving Condensers

"ST" types have 180° straight-line-frequency plates; "SE" types have 270° straight-line wave length plates. Insulante insulation, single hole mounting. 1/4" shafts.

No.	Type	Mmfd.	Plates	Each
K14300	STHS15	15	3	\$0.84
K14299	ST35	35	9	.90
K14291	ST50	50	11	1.08
K14293	ST100	100	20	1.35
K14295	ST140	140	28	1.50
K14294	ST150	150	29	1.50
K14296	STH250	250	32	1.80
K14303	STD-50	50-50	11-11	2.10
K14280	SE-50	50	11	1.80
K14282	SE-100	100	20	2.10
K14287	SEH335	335	43	2.55
K14476	STN*	18	7	1.20

\* For neutralizing 10, 45, 47, etc.; 3000 V.P.



## Experimenters' Midget Condensers

A low-priced unit for receivers, transmitters and experimental work. Non-corrosive brass plates. Bakelite insulation. 1/4" shafts.

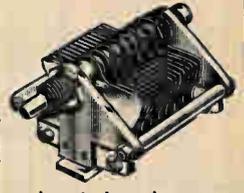
No.	Mmfd.	Plates	Spacing	List	Each
K14327	15	5	.045	\$0.85	51c
K14344	25	7	.045	.85	51c
K14392	35	10	.045	1.00	60c
K14342	50	6	.017	.90	54c
K14322	100	12	.017	1.00	60c
K14343	140	15	.017	1.25	75c

## "TMS" Low Power Units

Aluminum plates; heavy aluminum frames; Insulante insulation; 1/4" shafts, 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" x 2 1/4" x 2 3/4". Compact and rigid enough for portable, mobile and aircraft installations. Shpg. wt., each, 3 lbs.

Stock No.	Nat'l No. & Cap. Mfd.	No. of Plates	Peak Volts	Your Cost
K14550	TMS-100	10	1000	\$1.50
K14551	TMS-150	14	1000	1.65
K14552	TMS-250	23	1000	1.80
K14553	TMS-50D*	5-5	1000	2.25
K14554	TMS-100D*	9-9	1000	2.70
K14549	TMS-300	27	1000	2.16
K14555	TMSA-35	8	2000	1.80
K14556	TMSA-50	11	2000	1.95

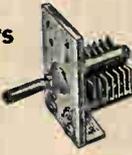
\* Split stator models.



## Ultra Midgets "UM" Condensers

Especially designed for ultra-high frequency circuits. Mounted on insulante bases 1 x 2 1/4"; can be mounted in shield can. Shafts extend for ganging. UMB25 has two stators on a single rotor.

No.	Type	Mmfd.	Gap	Each
K14336	UM-15	15	.017"	\$0.75
K14337	UM-35	35	.017"	.90
K14338	UM-50	50	.017"	.96
K14339	UM-75	75	.017"	1.02
K14319	UM-100	100	.017"	1.11
K14340	UMA-25	25	.05"	1.14
K14341	UMB-25	25	.017"	1.11



## "TMA" Heavy Duty Units

Plates of heavy aluminum with buffed rounded edges. Insulante insulation; 4-hole bolt-spacer panel mtg.; 1/2" shafts 1 1/2" long; flanged legs; 4 3/4" wide, 3 3/8" high; type A (last letter) have .171" gap; type B, .265"; type C, .359"; all others, .077". Double spring wiper rotor contacts.

No.	Type & Mfd.	Plates	Volts	Each
K14369	TMA-100B	23	9000	\$8.10
K14328	TMA-50A	8	6000	3.90
K14329	TMA-100A	17	6000	6.00
K14330	TMA-150A	23	6000	7.20
K14332	TMA-50DA*	9-9	6000	6.60
K14333	TMA-100DA*	15-15	6000	10.50
K14544	TMA-150B	35	9000	10.23
K14545	TMA-60DB*	15-15	9000	11.10
K14546	TMA-50C	13	12000	4.80
K14548	TMA-40DC*	11-11	12000	8.10

\* Split stator units.



## CROWE Streamlined Knobs

All molded from "Crowe-plastic" material. (A) Bar knob for transmitters, test instruments, radio receivers, etc. For 1/4" shaft. Color 1 1/2" Each 2" Each

Black	K10654	8c	K10657	11c
Ivory	K10655		K10658	
Red	K10656		K10659	

(B) New highly attractive round knobs. All are 1 1/2" diameter. For 1/4" shaft. K10663—Black K10662—Red K10661—Ivory

Each, Any Type 11c

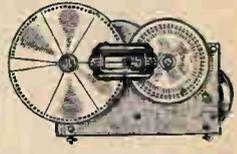
(C) Round knob with transparent pointer. Color 1 1/2" Each 2" Each

Black	K10663	17c	K10666	15c
Ivory	K10664		K10667	
Red	K10665		K10668	



## CROWE Mathematic Precision Dial

For fine tuning of receivers and equipment. Ratio approx. 72:1 in 360° movement of condenser shaft. Has 2 dial scales, combined reading of which afford 600 graduations in 180° condenser rotation. Gear drive with take-ups to prevent backlash. Has built-in fly-wheel. Connects to condenser shaft through coupling. Shpg. wt. 3 lbs. K9800—Your Cost \$4.41



## Etched Metal Dials

Polished nickel silver with black etched markings. 4" dia., 1 1/2" centers. Marked Amplifier Plate, Amplifier Grid or Oscillator. Specify type. K9858—Your Cost Each 41c K9857—2 3/4" dia. Marked Neutralization or blank. Specify. Each 33c K9903—2 1/4" dia. Marked Gain only. Each 23c



## Johnson Handle Indicators

Etched scales, zero (on left) to 100. Bakelite handles. No. 204. 4" scale. K13015—Your Cost 59c No. 206. 6" scale. K13016—Your Cost 73c



## CROWE Planetary Dials

Reduced speed transmitter type dials with stationary micrometer marker. Has smooth Crowe planetary drive concealed in knob. Ratio about 5:1 in 360. All calibrated 0-100. Chrome plated dial. All fit 1/4" shafts. Shpg. wt. each 2 lbs.

No.	Dia.	Calib.	Each
K14242	2 3/4"	180°	\$2.42
K14243	2 3/4"	270°	
K14244	4"	180°	\$2.88
K14245	4"	270°	



## Precision Vernier Dials

Chrome silver dial with etched graduations calibrated from 0 to 100. Large flanged knob has bushing for 1/4" shafts. Shpg. wt. 2 lbs.

Stock No.	Dia.	Deg. Rot.	Your Cost
K14236	4"	325	\$1.03
K14237	2 3/4"	325	.73
K14238	4"	180	1.03
K14239	2 3/4"	180	.73

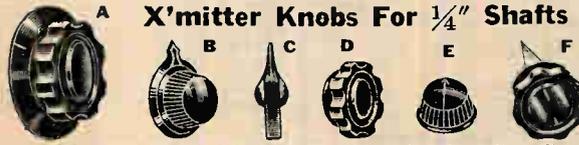


## X'mitter Knobs For 1/4" Shafts

All molded from black bakelite (except where otherwise indicated).

No.	Type	Size	Each	10 For	No.	Type	Size	Each	10 For
K13022	A	1 1/2" d.	23c	\$2.07	K13014	D	1 1/2" d.	17c	\$1.53
K1'018	A*	1 3/4" d.	12c	1.03	K13005	D	1 3/4" d.	21c	1.99
K13004	A	1 3/4" d.	26c	2.34	K13013	D	1 3/4" d.	23c	2.07
K13017	A*	2 1/4" d.	16c	1.44	K13012	D	2 3/8" d.	28c	2.52
K13011	A	2 1/4" d.	28c	2.52	K9885	E†	1 1/2" d.	6c	.54
K13010	A	3" d.	35c	3.15	K9886	E†	1 1/2" d.	6c	.54
K9896	B	1 3/4" d.	16c	1.44	K13007	F	1 1/2" d.	23c	2.07
K13053	C	1 1/4" l.	4c	.35	K13003	F	1 3/4" d.	28c	2.52
K13055	C	2 1/4" l.	6c	.50	K13009	F	2 3/4" d.	34c	3.06

\* Black lacquered wood. † Have etched white pointer.



## Etched Metal Name Plates

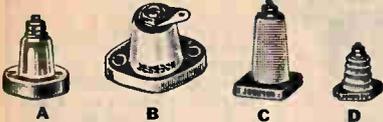
Rectangular aluminum plates, 1 1/2" x 3/8". Raised aluminum letters on black etched background. For ham transmitters, transceivers, modulators and amplifiers for public address or sound systems.

Marked	Marked	Marked
A.C. Input	Gain Control	Output
Amplifier Grid. Cur.	Input	Output Grd.-Gnd.
Amplifier Screen Cur.	Key	Plate
Antenna	Microphone	Plate Voltage
Antenna Feeder Cur.	Modulation Indicator	Power Amp. Grid
Buffer Plate Current	Modulator Grid	Power Amp. Plate
1st Buffer Grid	Modulator Plate	Receive
1st Buffer Plate	Monitor	Rectifier
Filament Voltage	Oscillator	Send
Fil. 1st ON; 2nd OFF	Osc. Plate Current	Speaker

K9:91—Be sure to specify marking desired. Your Cost Each 6c 10 Plates (Any selection) for 55c

# ALL PURPOSE INSULATORS

## JOHNSON Stand-Off Insulators



All purpose stand-offs made of white glazed porcelain. All furnished with nickel-plated hardware as listed below.

Stock No.	Type No.	Fig.	Body Ht.	Hardware	Your Cost
K16747	24	A	5/8"	6/32	4 1/2c
K16746	22	A	1"	8/32	5 1/2c
K16748	22J	B	1"	Jack	7 1/2c
K16745	20	A	1 1/8"	10/32	8c
K16744	20J	B	1 1/8"	Jack	10c
K17024	65	D	1 3/8"	10/32	12c
K17025	66	C	2 1/8"	1/4-20	21c
K17026	67	C	4 1/2"	1/4-20	32c

## JOHNSON Spring Clip



For inductor coils of all kinds. Will take wire from #20 to #12 gauge. Lock screw adjustment.

K16749—10 for 59c. Each **10c**

## JOHNSON Thru-Panel Insulators



Made of white glazed porcelain; non-hygroscopic. Feature great mechanical strength and increased breakdown voltage. Flat mounting surfaces with cushion washers eliminates breakage. All have longest possible leakage path. Jack types have terminals permitting connection above as well as below the panel. Nickel plated brass hardware furnished. Ideal for use as terminals on high frequency, high voltage and low frequency devices. Jack type take standard banana plugs.

Stock No.	Type No.	Top Ht.	Bot. Ht.	Panel Hole	Hardware	Your Cost
K16736	40	1 1/4"	1/2"	1/2"	10/32	15c
K16737	40J	1 1/4"	1/2"	1/2"	Jack	18c
K16738	42	1 1/2"	3/8"	1/2"	10/32	12c
K16739	42J	1 1/2"	3/8"	1/2"	Jack	15c
K16740	44	2"	5/8"	5/8"	6/32	10c
K16741	45	1 3/8"	1 1/8"	1 1/8"	10/32	21c
K16742	45J	1 3/8"	1 1/8"	1 1/8"	Jack	24c

Johnson aeriels will be found listed on page 130. We can supply any Johnson products not listed here at standard discounts from list price. Send in your order.

## JOHNSON Lead-In Bushings



For antenna lead-in bushings, panel bushings, and other applications where insulated mounting is required. Feature long leakage paths. Type A made of white glazed porcelain, type B made of Alsimag 196; provided with all necessary hardware. Suitable for high frequency work. Cushion washers furnished.

Stock No.	Type No.	Fig.	Ht.	Dimensions Dia.	Lth.	Your Cost
K17023*	55	B	1 1/4"	3/4"	1 1/4"	15c
K17020	50	A	1 1/2"	3/4"	2"	12c
K17021	51	A	1 3/8"	1 1/4"	2 1/2"	21c
K17022	52	A	1 1/2"	1 1/4"	4 1/4"	29c

\*Made of Alsimag 196.

## JOHNSON Feeder Spreaders



White glazed porcelain.

Cross section of all sizes is 3/8x1/2"	Stock No.	Length	Your Cost
K17027—2"	Long	Each	9c
K17028—4"	Long	Each	12c
K17029—6"	Long	Each	15c

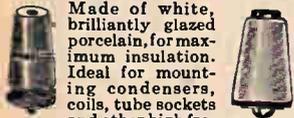
## Transmitter Lead-In Insulators



Each 2 1/2" high, of vitrified glazed porcelain. With nickel-plated brass hardware. Also have lead and cork washers to make watertight seals.

No.	Rod	Bushing	Each
K17037	10"	Metal	53c
K17038	15"	Metal	59c
K17039	10"	Porcelain	70c
K17040	15"	Porcelain	88c

## BIRNBACH Stand-Offs



Made of white, brilliantly glazed porcelain, for maximum insulation. Ideal for mounting condensers, coils, tube sockets and other high frequency apparatus. Complete with nickel brass hardware.

No.	Ht.	B. Dia.	Thread	Each
K17001	3/4"	5/8"	6-32	6c
K17002	1"	1 1/8"	8-32	9c
K17003	1 1/2"	1 1/8"	10-32	12c
K17004	2"	1 1/8"	1/4-20	15c
K16998	1"	1 1/8"	Jack*	15c
K16999	1 1/2"	1 1/8"	Jack*	12c

\*Standard banana jacks; on top.

## MILLEN Stand-Offs



Made of Quartz Q, a highly polymerized styrene having remarkably low R.F. losses and high resistance to voltage breakdown. Have fitted metal tops. May be used for low-loss coil forms.

No.	Type	Dia.	Lth.	Each
K8008	30001	3/4x1 3/8"	21c	15c
K8009	30002	1x2 1/8"	21c	15c
K8010	30003	1 1/4x2 1/8"	55c	55c
K8011	30004	1 3/4x4 1/8"	15c	55c

## MILLEN Feed-Through Bushings



Small ceramic feed-through bushing with lead shoulder. Low loss.

K7999—6 For **25c**

## PLEXIGLASS Strips

A special kit of assorted pieces of clear Plexiglass. Approximately 12 sq. ins. of 1/4" and about 18 sq. ins. of 1/2" Plexiglass. No two kits alike. Ideal for making insulators, novelties, etc.

K17049—Your Cost **50c**

## AMPHENOL "912-B" Sheets



"912-B" is a strong, water clear, flexible material especially developed for use as the dielectric in condensers, transformers, etc. It retains its flexibility on temperature to extreme variations in temperature and humidity. Absorbs very little moisture, even when immersed in water; water content is only 0.8%. Does not deteriorate with age. Will not discolor. Can be cut, drilled, machined, cemented, etc. Can be shaped when heated.

No. Dimensions Each  
 K8071 6x8x1/4" \$0.59  
 K8072 6x8x1/2" 1.18  
 K8073 6x8x3/4" 1.76

## MILLEN 807 Tube Clamp



Holds tube to chassis in portable mobile rigs, etc.  
 K7998—Each **30c**

## AMPHENOL Coaxial Cable Connectors



Shells made of brass with polished chrome plating. Insulation is pure Polystyrene. Cable opening takes cables up to 1 1/8" dia.; may be reamed out to fit cables to 1/4" O.D.  
 K16706—(A) Male connector with coupling ring. No. 93-M.  
 K16707—(B) Female connector with coupling thread. No. 93-F.  
 Either Above, **88c**  
 K16708—(C) Chassis connector with ring. No. 93-C.  
 Your Cost Each **73c**

## Cable End Terminal



Connects coaxial cable to open wire. 2" long, 3/8" dia.  
 K16709—Each **88c**

## Terminal Cap



Made of Amphenol "912". 1/2" high, 1 1/2" dia. Fits end terminal.  
 K16710—Each **35c**

## Enameled Copperweld



Solid aerial wire. Tough steel core covered, with high conductivity copper. Has enormous tensile strength.

Stock No.	Feet	Your Cost
K20926	Per Foot	\$ .01
K20886	100	.73
K20933	200	1.45

Stock No.	Per Foot	Your Cost
K20927		.01 1/2
K20885	100	1.12
K20930	200	2.22

Stock No.	Per Foot	Your Cost
K20928		.02
K20929	100	1.62
K20932	200	3.20

## MILLEN Safety Terminal



Insulated bushing extends thru chassis. All metal parts encased in bakelite.  
 K8054—Your Cost **35c**

## AMPHENOL Co-Axial Cable



A new cable especially engineered for efficiently transmitting energy from x'mitters to antennas. Also used for television receiver lead-ins, test leads, etc. Consists of a solid copper wire core, No. 12 gauge strung with Amphenol insulating beads then shielded with tinned copper braid and finally covered with two separate cotton braids, heavily lacquered. Surge impedance 72 ohms. Dia. 1 3/8".  
 K17118—Your Cost, Per Foot **29c**  
 Like above, but with No. 22 stranded copper wire core. Dia. 1 1/2".  
 K17119—Per Foot **29c**

## AMPHENOL Coaxial Cable Beads



Transparent ultra-low loss polystyrene beads 3/8" diam. for coaxial cables, photocell transmissions, lead-ins, etc. 1/4" hole. String 31 beads per foot.  
 K16795—Box of 250 Beads **\$1.47**

Amphenol makes a complete line of products for coaxial and similar specialized work. We can supply at lowest prices.

## Pyrex Stand-Offs



Non-hygroscopic. Oval base 3/16x1 1/8"; dia. of glass 1 1/4". Flash over value 22.5 and 58 kv. respectively (when dry). Shpg. wt. 2 lbs.  
 K16808—3" high  
 Each **\$1.59**  
 K16809—7" high  
 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.  
 K16813—15" rod.  
 Each **\$1.59**  
 K16814—20" rod.  
 Your Cost **\$1.69**



## Pyrex Insulators



Used by the U. S. Army and Navy, commercial services and amateurs. The finest glass insulator made.  
 No. Length Rating Each  
 K16805 3 3/8" Med. \$0.20  
 K16806 7 1/2" 1/2 Kw. .75  
 K16807 12 1/2" 1 1/2 Kw. 2.20

## Heat Radiating Grid and Plate Caps

Dissipates heat generated at grid and plate terminals of transmitting tubes. Prevents damage to the glass seal.  
 Stock No. For Your Cost  
 K14377 HK-24 **18c**  
 K14378 35-T, HK-54  
 K14381 100-T, 807 **38c**  
 K14388 866, T-125

Improved, heavy duty type. Positive grip contacts. Heavy insulated threaded heads and handles. For x'mitters or diathermy work. Hardware furnished with jack.  
 PLUGS: 1 1/8x1 1/2x2 3/8" Each **15c**  
 K12870—Black & Red  
 K12871—Black  
 JACKS: 1 1/4x3/4" Each  
 K12872—Black & Red  
 K12873—Black **35c**

## X'mitting Plugs & Jacks



# AMATEUR TRANSMITTING TUBES

## RCA 1847 2" ICONOSCOPE for Amateurs



Now RCA makes available to the amateur a two-inch Iconoscope tube especially designed for amateur use. Provides a clear 120-line image suitable for transmission within the frequency limits of the 2 1/2 and 1 1/2 meter bands. Excellent for use in schools to demonstrate television principles. See QST for May, June and July '40 for detailed description of both transmitter and receiver. ASK FOR A FREE REPRINT OF THESE ARTICLES ON YOUR NEXT ORDER FOR ANY RADIO MATERIAL.

RCA Type 1847-Iconoscope ..... **\$24.50**

## Taylor Tubes



The amateurs favorite line of tubes. Noted for the fact that they give "More Watts Per Dollar". They are carefully engineered and are built of the finest materials to give long and satisfactory service. They are conservatively rated and fully dependable. Despite their advanced engineering and their unquestionable quality, however, they are exceptionally low in price—a real advantage to the amateur who must watch his pennies—yet insists on quality.

Type	Watts	Diss.	Description	Each
T-40	40		Gen. Purpose Triode. Carbon Anode.....	\$3.50
TZ-40	40		Zero Bias Triode. For R.F. and Class "B" AF...	3.50
T-20	20		Gen. Purpose Triode. Metal Plate.....	2.25
TZ-20	20		Zero Bias Triode. Metal Plate.....	2.25
T-55	55		Improved model. Max. freq. 120 MC.....	6.00
T-21	21		Superior Low-Power Beam Amplifier.....	1.95
T-125	125		Top plate and side grid caps. Accelerating fins.....	13.50
T-200	200		Similar to T-125. Super carbon anode (2 1/2 x 1 1/2).....	21.50
X-203-Z	65		Zero Bias. Metal plate. Class "B" Audio.....	8.00
822	200		Class "B" Audio. Carbon Anode.....	18.50
866			Half-Wave Mercury Vapor Rectifier.....	1.50
866 Jr.			Lighter duty version of above.....	1.00
249-B			Heavy duty M.V. Half-Wave rectifier.....	5.00
TW75	75		Thin-Wall Carbon Anode.....	8.00
TW-150	150		New Thin-Wall Carbon Anode. Easy to drive.....	15.00

## Heinz-Kaufman GAMMATRONS

Type No.	Watts Diss.	Plate Volts	Fil. Vits.	Power Outp.*	Max. Freq.	Your Cost
24	25	1500	6.3	89	100MC	\$3.50
54	50	2000	5.0	210	100MC	6.75
254	100	3000	5.0	450	50MC	12.50
354C	150	4000	5.0	750	30MC	24.50
257	75	2000	5.0	225	30MC	22.00

\* Single Class Tube "C" R.F.

## HYTRON TRANSMITTING TUBES

HY-114—HY-615 U.H.F. Tubes		HY75 U.H.F. 15 Watt Triode	
<p>HY-114—A new ultra-high frequency 1.4 volt triode oscillator, R.F. amplifier and detector for portable receivers and transceivers. Plate and grid leads at top. Octal base (ceramic). 2 1/4" high, dia. 1 1/2".</p> <p>Your Cost Each..... <b>\$2.00</b></p>		<p>Graphite-anode ultra-high-frequency triode with a continuous service (CCS) rating of 15 W. Filament: 6.3 V.—2.5 A. Plate: 450 V.—100 Ma. Tantalum grid, lava insulation, coiled filament, ceramic base.</p> <p>Your Cost..... <b>\$3.75</b></p>	
<p>HY-615—Same as above but 6.3 V. filament.</p> <p>Each..... <b>\$2.00</b></p>			

Tube	Type	Fil. V.	Pl. V.	Ma.	C.C.S.* Dis.	Each
HY-30Z	Triode*	6.3	850	90	25W#	\$2.50
HY-31Z	Tw-Tri.	6.3	500	150†	30W#	3.50
HY-40	Triode	7.5	1000	115	40W#	3.50
HY-40Z	Triode*	7.5	1000	115	40W#	3.50
HY-51A	Triode	7.5	1000	175	65W#	4.50
HY-51B	Triode	10	1000	175	65W#	4.50
HY-51Z	Triode*	7.5	1000	175	65W#	4.50
HY-60	Beam	6.3	425	60	15W	2.50
HY-61/807	Beam	6.3	600	100	25W	3.50
HY-69	Tetrode	6.3	600	100	40W	3.50
6L6GX	Beam	6.3	500	90	21W	1.25
866 MV Rectifier†		2.5	2650	500 per pr.		1.50
866 Jr. MV Rectifier †		2.5	1250	250 per pr.		1.05

\* Zero Bias Type Tubes. † Shielded Filament. ‡ Both Triodes. ° Continuous Service Rating. # Graphite Anodes.

## H-F Ceramic Base Bantams

Specially tested for use in high-frequency communications receivers. Interchangeable with equivalent metal G and GT tubes. Provide maximum signal gain.

6A8GTX...95c	6K8GTX \$1.30
6J5GTX...95c	6SA7GTX 1.05
6J7GTX...95c	6SJ7GTX 1.05
6K7GTX...95c	6SK7GTX 1.05

## Bantam Junior Miniatures

For hearing-aids, radios, etc. 1.4 V.—50 ma. filaments. 30-90 V. on plate. With base or 1 1/2" leads. When ordering specify type desired.

HY113/HY123—Medium-mu triode. Detector, osc, amp.....	\$1.75
HY115/HY145—High gain non-microphonic pentode.....	\$2.50
HY125/HY155—Power output AF pentode.....	\$2.50

## RCA TRANSMITTING AND TELEVISION TUBES

Lafayette Radio Corp., as the largest distributor of RCA tubes carries a complete stock of transmitting and experimental types. If the type you want is not listed please write for quotation. Following are abbreviations used in tabulation below:

O = Oscillator; R = RF Power Amplifier; C = Class B Modulator; B = Beam Power Amplifier; A = AF Power Amplifier; S = Screen Grid Power Amplifier; T = Triode; P = Pentode; \* = ICAS Rating



Type No.	Watts Diss.	Description	Net Price	Type No.	Watts Diss.	Description	Net Price
203A	100	R, C, T	\$10.00	833	300	T, R, C	\$85.00
204A	250	R, C, T	85.00	834	50	R, O, T	12.50
211	100	T, R, C, A	10.00	837	12	R, P	7.50
300	35	T, R, C	10.00	838	100	T, C, R	11.00
801A	20	T, R, A, C	3.45	841	15	R, A, T, B	3.25
802	15*	P, R, O, A	3.50	842	15	A, T	12.50
803	125	P, R	28.50	843	15	T, R, A	10.00
804	50*	P, R	15.00	845	100	T, C, A, R	120.00
805	125	T, R, C	13.50	849	400	T, C, A	37.50
806	225*	T, R, C	22.00	850	100	S, R	16.40
807	30*	B, R	3.50	852	100	T, R	32.50
808	50	R, T, C	7.75	865	100	S, R	12.75
809	30*	T, C, R	2.50	865	15	S, R	2.75
810	150*	T, C, R	13.50	1602	15	T, A	4.00
811	55*	T, C, R	3.50	1608	20	T, R, O, C	2.00
812	55*	T, C, R	3.50	1610	6	P, O	2.00
813	100	B, B	22.00	1613	10	R, P	3.50
814	65*	B, R	17.50	1614	21	B, R, A, C	4.75
828	80*	B, R, A	17.50	1619	15	B, R, C, T	2.50
829	40	B, R	19.50	1623	25	R, C, T	32.00
830B	60	T, C, R	10.00	1624	25	T, R, O	
832	15	R, B	17.00	1628	40	T, R, O	

## HIGH VOLTAGE HALF-WAVE RECTIFIERS

Type	Des.	Peak Volts	Net	Type	Des.	Peak Volts	Net
217A	Hi-Vac	3500	\$20.00	866A	Merc-Vap	10,000	\$2.50
217C	Hi-Vac	7500	20.00	872	Merc-Vap	7,500	9.00
836	Hi-Vac	5000	11.50	872A	Merc-Vap	10,000	11.00
866	Merc-Vap	7500	1.50	1616	Hi-Vac	5,500	5.75

## CATHODE RAY TUBE

Type	Screen	Net	Type	Screen	Net
902	2"	\$7.50	907	5"	\$48.75
904	5"	\$2.50	908	3"	18.00
905	5"	45.00	913	1"	4.00
3AP1/906-P1	3"	13.50	914	9"	85.00

## CATHODE RAY RECTIFIERS AND GAS TRIODES

Type	Description	Net	884	Gas Triode	\$2.00
878	H. W. Hi-Vac Rec.	\$11.00	885	Gas Triode	2.00
2X2/879	H. W. Hi-Vac Rec.	1.46	2050	Gas Tetrode	3.00
2V3G	H. W. Hi-Vac Rec.	1.95	2051	Gas Tetrode	2.50

## EXPERIMENTAL TELEVISION TUBES

Type	Description	Net
1847	Amateur Television Iconoscope.....	\$24.50
3AP4/906-P4	3" Kinescope Elect.-Stat. (White Phos.).....	13.75
5AP4/1805-7P4	5" Kinescope Elect.-Stat. (White Phos.).....	22.00
7AP4	7" Kinescope Elect.-Mag. (White Phos.).....	29.00
9AP4/1804-P4	9" Kinescope Elect.-Mag. (White Phos.).....	50.00
12AP4/1803-P4	12" Kinescope Elect.-Mag. (White Phos.).....	60.00
5BP4/1802-P4	5" Kinescope Elect.-Stat. (White Phos.).....	22.00
1851	Amplifier Pentode.....	2.10
6AC7/1852	Amplifier Pentode (Single End).....	1.46
6AB7/1853	Amplifier Pentode (Single End).....	1.46
6AG7	Video Beam Power Amplifier.....	1.46

## PHOTOTUBES

Type	Description	Vits.	Net	Type	Description	Vits.	Net
868	Gas Type	90	\$3.70	923	Gas, Hi-Sens.	90	\$2.60
917	Vacuum Type	500	4.75	924	Gas, End Type	90	2.00
918	Gas, Hi-Sens.	90	4.50	925	Vacuum Type	250	2.00
919	Vacuum Type	500	4.75	926	Vac. Cart. Rb. Type	500	3.00
920	Twin, Gas	90	5.25	927	Gas Type	90	3.70
921	Gas Cartridge	90	2.00	928	Gas, Non-Direct	90	2.00
922	Vacuum, Cart.	500	2.00	929	Hi-Vac. Caesium	250	3.00

## R.C.A. Type

## MISCELLANEOUS TYPES

Type	Description	Fil. Vits.	Ea. Net
840	R.F. Pentode.....	2.0	\$6.00
864	Amplifier Triode (low microphonic design).....	1.1	1.00
954	Detector, Amplifier Pentode (Acorn Type).....	6.3	5.00
955	Amplifier, Detector, Oscillator (Acorn Type).....	6.3	3.00
956	Super-Control R.F. Amplifier Pentode (Acorn).....	6.3	5.00
957	Detector, Amplifier, Oscillator (Acorn).....	1.25	3.00
958	A.F. Amplifier, Oscillator (Acorn).....	1.25	3.00
959	Detector, Amplifier Pentode (Acorn).....	1.25	5.00
991	Voltage Regulator (Glow discharge).....		.90
1603	Triple-Grid Amplifier (Low Microphonic Type).....	6.3	4.75
1609	Amplifier Pentode (Low Microphonic Type).....	1.1	1.60
1612	Pentagrid Amplifier (Low Microphonic Type).....	6.3	3.25
1620	TripleGridDet.-Amp. (Low Microphonic Type).....	6.3	2.50
1621	Power Amplifier Pentode.....	6.3	2.50
1622	Beam Power Amplifier.....	6.3	2.75
VR-105-30	Voltage Regulator, 105 Volts/5-30 Ma.....		1.25
VR-150-30	Voltage Regulator, 150 Volts/5-30 Ma.....		1.25

PRICES SUBJECT TO CHANGE...WITHOUT NOTICE

# 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 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	\$2.70
K8604	XT440PS	40—440	43	.070	5 1/4	4.62
K8641	XP90KS	16—90	11	.084	3	2.70
K8642	XP165KS	22—165	19	.084	4	3.90
K8627	XG50XS	14.5—50	11	.171	4	3.90

### Double Stator Condensers

Capacitances and number of plates are given per section.

Stock No.	Card No.	Cap. Mmfd. Min.—Max.	No. of Plates	Airgap Inch	Depth Inches	Your Cost
K8615	XR500PD	18—500	21	.030	4	\$3.90
K8616	XR780PD	11—80	9	.070	4	3.30
K8617	XT210PD	22—210	21	.070	5 1/4	5.22
K8618	XG50XD	14—50	11	.171	6 1/2	6.42
K8610	XG110XD	27—110	23	.171	11 1/4	10.80
K8595	XD160XD	28—160	27	.125	11 1/4	11.40
K8647	XP90KD	15—95	11	.084	4 1/2	4.50
K8648	XP165KD	23—165	19	.084	6 1/2	6.60
K8645	XC40XD	14—40	11	.200	6 1/2	6.90
K8646	XC75XD	21—75	21	.200	10 1/2	9.00

Airgap-voltage relation in above units is as follows: .070"—3000 volts; .084"—4250 volts; .100"—4800 volts; .171"—6000 volts; .200"—7000 volts. All ratings are breakdown.

## Trim-Air Midgets



Sturdy midget construction. Ideal for portable gear. **Isolantite** insulation. 1/4" solid shafts, with new, thicker locking nut; 1 1/2" wide, 1 1/4" high.



Duals and singles have solid shaft, extends 1/4" at rear for ganging. Duals have double end plates and bearings. 1 1/2" x 1 1/2". Screwdriver, slotted stub shafts, fixed and balancing types available on order.

SINGLE						DUAL					
No.	Card No.	Mmfd.	Gap	Each	No.	Card No.	Mmfd.	Gap	Each		
K8652	ZR10AS	10	.031	\$0.75	K8744	ER10AD	10	.030	\$1.56		
K8631	ZR15AS	15	.031	.75	K8745	ER15AD	15	.030	1.56		
K8632	ZR25AS	25	.031	.84	K8746	ER25AD	25	.030	1.62		
K8633	ZR35AS	35	.031	.90	K8747	ER35AD	35	.030	1.74		
K8634	ZR50AS	50	.031	.96	K8748	ER50AD	50	.030	1.86		
K8635	ZR75AS	75	.020	1.02	K8749	EU75AD	75	.020	1.98		
K8636	ZU100AS	100	.020	1.05	K8750	EU100AD	100	.020	2.04		
K8637	ZU140AS	140	.020	1.39	K8751	EU140AD	140	.020	3.60		
K8630	ZT30AS	30	.070	1.11	K8752	ET30AD	30	.070	2.16		
K8399	ZV5T5*	5	.061	.75	K8753	ET30ADI†	30	.070	2.46		
K8586	ZT10AS	11	.070	.87	K8539	ET15AD	15	.070	1.80		
K8587	ZT15AS	15	.070	.93	K8590	ET15ADI†	15	.070	2.10		
K8653	ZS4SS†	4	.140	1.11	K8754	ES4SD	4	.140	2.16		
K8588	ZS7SS†	7	.140	1.26	K8755	ES4SDI†	4	.140	2.46		
					K8591	ES7SDI†	7	.140	2.70		

\*—With two-segment stator for 5 meters, and extra plate.  
†—Neutralizers, .040" buffed plates. †—Isolantite coupling bet. sect.

### BAND SPREAD MODELS

Stock No.	Card No.	Tun. Cap.	Tank Cap.	D'pth. Behind Panel	Your Cost
K8592	EU-25-100AF	25	100	2 3/4"	\$1.80
K8593	EU-50-100AF	50	100	3 3/8"	1.95

K8638—Mounting bracket with screws and nuts ..... 6c  
K8640—Pair of mounting posts with screws, lockwashers..... 8c

## BUD Jr. X'mitting Condensers



Excellent suited for low and medium power transmitters, etc. Each require

panel space of 3x2 1/2". Rigid and perfectly spaced. Alsmag stator insulation. Brass rotor and stator plates, cadmium plated. Panel m't'g., plus brackets for chassis m't'g.

Stock No.	Mmfd.	Max. Air Gap	Rear L'th.	Your Cost
K10621	60-.051"	2 1/2"	2 1/2"	\$1.62
K10622	100-.051"	2 1/2"	2 1/2"	1.76
K10623	145-.051"	3 1/2"	3 1/2"	2.09
K10624	250-.051"	4 1/2"	4 1/2"	2.59
K10625	25-.078"	2 1/2"	2 1/2"	1.59
K10626	55-.078"	3"	3"	1.85
K10627	110-.078"	4 1/2"	4 1/2"	2.26
K10628	20-.144"	3"	3"	1.76
K10629	55-.144"	4 1/2"	4 1/2"	2.26
K10630	105-.144"	7 1/4"	7 1/4"	3.00
K10631	18-.175"	3 1/2"	3 1/2"	1.94
K10632	65-.175"	5 1/2"	5 1/2"	3.91
K10633	100-.175"	9 1/4"	9 1/4"	3.88

## Midway Types Single Midways



Mycalex insulation; overall mounting space, 3x2 1/2", 1/4" steel shaft, 1" long. With mounting brackets.

Stock No.	Cap. Mmfd.	Mfrs. Type	Gap In.	Your Cost
K8564	50	MR50BS	.031	\$1.63
K8565	70	MR70BS	.031	1.77
K8566	105	MR105BS	.031	1.83
K8567	150	MR150BS	.031	1.89
K8568	260	MR260BS	.031	1.98
K8569	365	MR365BS	.031	2.23
K8556	165	MO165BS	.050	1.98
K8550	20	MT20GS	.070	1.95
K8551	35	MT35GS	.070	2.10
K8552	50	MT50GS	.070	2.34
K8553	70	MT70GS	.070	2.67
K8554	100	MT100GS	.070	2.94
K8555	150	MT150GS	.070	3.60
K8614	35	MG35NS	.171	3.60

### Dual Midways

Stock No.	Cap. Mmfd.	Mfrs. Type	Gap In.	Your Cost
K8584	50	MR50BD	.031	\$2.82
K8547	70	MR70BD	.031	2.94
K8548	100	MR100BD	.031	3.06
K8549	150	MR150BD	.031	3.18
K8585	260	MR260BD	.031	3.30
K8620	35	MT35GD	.070	3.60
K8621	50	MT50GD	.070	3.81
K8628	70	MT70GD	.070	4.20
K8629	100	MT100GD	.070	4.80

NOTE—The maximum capacitances given above are per section.

## U.H.F. X'mitting Condensers



Designed especially for 5, 10 and 20 meter application. Isolantite insulation. Single hole, front panel mounting, with provision for chassis mounting.

"NT" have .070" air-gap; "NP" have .084", and "NG" have .171".

No.	Type	Mmfd.	Depth	Each
K8557	NP50DS	9-50	3 1/2"	\$2.10
K8558	NP75DS	11-75	4 1/2"	2.46
K8576	NP100DS	13-100	5 1/2"	2.82
K8577	NP150DS	19-150	6 1/2"	3.66
K8578	NG35DS	11-35	5 1/2"	3.12

Doubles				
No.	Type	Mmfd.	Depth	Each
K8579	NT50GD	7-50	4 1/2"	\$3.60
K8651	NP35ND	5-35	4 1/2"	3.60
K8594	NP35DD	5-35	4 1/2"	3.21
K8545	NP50DD	9-50	5 1/2"	3.60
K8546	NP75DD	11-75	6 1/2"	4.32

\*.025 plates; †.040 plates.

### Mounting Brackets



(A) Type "M", for mounting "M" and "N" type condensers.  
K8602—Your Cost ..... 12c  
(B) Type "BW", fit B.W. "B" Jack Barto MT100GD, MO180BD.  
K8606—Your Cost, per Pr. 21c  
(C) Type "BWZ", for mounting Trim-Air Neutralizers on Midway.  
K8608—Your Cost ..... 11c

## CARDWELL Isolantite Couplings



(A) Type "E". Flexible. Alsmag disc 1 1/2" in dia. Collars on spring saddles with bushings, for 1/4" and 3/8" shafts; double set screws.  
K8492—Each ..... 90c

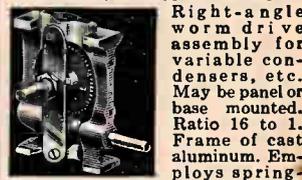


(B) Type "A". Flexible. Isolantite disc, 1" in dia. Take 1/4" shafts only. Double set screws.  
K8494—Each ..... 35c



(C) Type "FNF". Rigid. Isolantite, 1 1/2" dia. Double set screws on collars; for 1/4" shafts.  
K8491—Each ..... 60c

## MILLEN Worm Drive



Right-angle worm drive assembly for variable condensers, etc. May be panel or base mounted. Ratio 16 to 1. Frame of cast aluminum. Employs spring-loaded split

gears which eliminate back lash. Drive shaft 1/4" diam.; geared shaft 1/4" dia., couples to condenser by means of flexible coupling (not supplied). Excellent for transmitters and receivers. Shpg. wt. 2 lbs.  
K8000—Type 10,000  
Your Cost Each ..... \$3.00

## BUD 6L6 Neutralizing Condenser



For neutralizing beam power tubes like the 6L6, 6V8, 807, RK49, RK39, etc. Capacity range 1 to 9 mmfd. Heavy aluminum plates 1" in diam. Solder lug terminals

thumb nut locking.  
K9569—Each ..... 59c

## BUD TINY-MITE Air Padder Condensers



Ideal for circuits requiring a constant capacity under all conditions, such as oscillator padding circuits, I.F. transformers, fixed-tuned circuits, etc. Fit standard 1 1/2" dia. forms. Insulation and assembly as above. Adjusted by screwdriver or hex wrench.

Stock No.	Mmfd. Range	L. Panel	Behind Panel	Your Cost
K10088	3—15	1 1/2"	1 1/2"	66c
K10089	4—25	1 1/2"	1 1/2"	71c
K10090	6—50	1 1/2"	1 1/2"	82c
K10091	9—100	1 1/2"	1 1/2"	\$1.03

## MILLEN Dual Variables



New, improved dual variable condensers for modern transmitters and receivers. Isolantite insulation. Semi-circular plates provide straight-line frequency tuning. Available with gear (A), for right-angle drive; or less gear (B) for end drive.

Stock No.	Mfr's. No.	Mfd. per Sec.	Air-Gap	V. Rtg.	Length	Each
K8025 (A)	11035	35	.077	3000	3 1/4"	\$5.75
K8026 (A)	11050	60	.077	3000	5 1/2"	5.95
K8027 (A)	11070	70	.077	3000	6 1/2"	6.50
K8028 (B)	13035	35	.077	3000	3 1/2"	3.80
K8029 (B)	13050	60	.077	3000	5 1/2"	4.35
K8030 (B)	13070	70	.077	3000	6 1/2"	4.90
K8031 (B)	14200	100	.077	3000	6 1/2"	6.50
K8032 (B)	14100	200	.171	6000	11 1/2"	10.00
K8033 (B)	14050	50	.171	6000	6 1/2"	6.00



## MILLEN Neutralizers

Type A is a Quartz Q dielectric neutralizing condenser. Type B is a novel telescoping cylinder type with air dielectric for use where high ambient temperatures preclude use of type A.

Stock No.	Mfr's. Type	Cap. Mmfd.	Volt. age	Your Cost
K8034	(A)5001	7-4.3	6000	\$0.75
K8035	(A)5002	5-13.5	6000	.95
K7997	(A)5003	1.5-8.5	6000	.75
K8036	(B)5005	2 1/2-12	4000	1.98
K8037	(B)5006	3 1/2-13	6000	2.75

# CONDENSERS & TRANSMITTING COILS



## 50 Watt Band Switch Assembly

OSC-1, 2 and 3 are for 10, 20, 40, 80 and 160 meter operation. OSC-16 for 10 and 160 meters only. OSC-1 and 16 are for capacity coupled stages. OSC-2 is end link coupled to the following stage. OSC-3 is center-tapped and center-linked. Ceramic-insulated band switch. Indicator plates furnished. Instructions included. Shpg. wt. 3 lbs.

**K10611**—Type OSC-1. Each ..... \$3.23  
**K10612**—Type OSC-2. Each ..... 4.41  
**K10613**—Type OSC-3. Each ..... 5.29  
**K10614**—Type OSC-16. Each ..... 2.06

## 100 Watt Band Switch Assembly

XCS-1 and 2 are for 10, 20, 40, 80 and 160 meters. XCS-16 is for 10 and 160 meters only. XCS-1 and XCS-16 are center-tapped and center-linked for PP stages. XCS-2 is not tapped and is end-linked. Shpg. wt. 4 lbs.

**K10616**—Type XCS-1. Each ..... **\$5.88**  
**K10617**—Type XCS-2. Each ..... 5.29  
**K10618**—Type XCS-16. Each ..... 3.67



## H.F. R.F. Choke

1/2" Isolantite core. 2.5 mh. inductance. 16 ohms resistance. 250 ma. carrying capacity.

**K10124** Each ..... **50¢**

## U.H.F. R.F. Choke

Excellent for ultra-high frequency receivers. Single layer winding on ceramic rod. Inductance 6.7 microhenries. Resistance 1.4 ohms. 750 ma. carrying capacity

**K10108**—Your Cost Each ..... **15¢**



## Coil Dope Kit

Has a polystyrene base and its power factor loss is negligible even if used for high frequency work. Will render articles moisture proof. May also be used for cementing parts made of polystyrene. Kit contains 2 oz. bottle of coil dope, 1 oz. bottle of special thinner and two brushes. Shpg. wt. 1 lb.

**K15131**—Your Cost ..... **32¢**

## AMPHENOL "Liquid 912"

Polystyrene base. A synthetic resin that is non-hygroscopic and has no loss factor. Ideal for high frequency coils.

**K15362**—2 oz. bottle ..... **29¢**  
**K15363**—4 oz. bottle ..... **38¢**  
 \*916-8" Thinner for "912"  
 With brush. **K15364**—2 oz. bottle ..... **15¢**



## Phenolic Cement

For speaker cones, bakelite, metal, wood, hard-rubber, etc.

**K15310**—2 oz. can ..... **21¢**  
**K15311**—8 oz. can ..... **66¢**  
**K15312**—1 pt. can ..... **\$1.47**



## Liquid Victron

Famous Victron H.F. insulation in liquid form. For r.f. coils, etc.

**K15260**—2 oz. can ..... **21¢**  
**K15308**—8 oz. can ..... **66¢**  
**K15275**—1 pint can ..... **\$1.47**



## Millen Coil Dope

2 oz. can of "Quartz Q"; for coils, RF chokes, etc.

**K8023**—Your Cost ..... **30¢**



# BUD COILS

## Air-Wound X'mitting Coils

Air-wound coils with both fixed-link and variable-link types available. Coils are center tapped. Helical wound links. Variable link type can be fitted with 1/4" shaft extension for panel control. Capacities indicated below are values required to resonate coil at lowest frequency in band. Coils are wound with enameled copper wire, are self supporting and held in place with fire-resistant locking strips. Mounting bars are of Alsimag 196. Distance between outside plug centers: 150 watt 3 1/2"; 500 watt 5". Variable link mounting bases are fitted with link-link coils do not come with the coils but with the bases. Shpg. wt. approx. 4 lbs.



### 150 Watt Rating

Fixed Link	Cap. Mmfds.	Your Cost	Meter Band	Var. Link	Cap. Mmfds.	Your Cost
K10800	87	\$2.21	160	K10812	95	\$1.91
K10801	68	2.06	80	K10813	78	1.76
K10802	36	1.88	40	K10814	38	1.53
K10804	27	1.59	20	K10815	30	1.32
K10805	25	1.47	10	K10816	28	1.26

### 500 Watt Rating

Fixed Link	Cap. Mmfds.	Your Cost	Meter Band	Var. Link	Cap. Mmfds.	Your Cost
K10806	90	\$2.65	160	K10817	95	\$2.15
K10807	69	2.35	80	K10818	70	1.97
K10808	26	2.06	40	K10819	36	1.68
K10809	23	1.91	20	K10820	28	1.53
K10810	21	1.76	10	K10821	21	1.38

### Mounting Bases

**K10803**—Mtg. Base for 150 watt fixed link coils. Each ..... **47¢**  
**K10823**—Mtg. Base and Link for 150 watt variable link coils. Each ..... **\$1.91**  
**K10824**—Mtg. Base for 500 watt fixed link coils. Each ..... **65¢**  
**K10825**—Mtg. Base and Link for 500 watt variable link coils. Each ..... **\$2.65**

## 50-Watt Plug-In Coils

Air-wound plug-in coils for oscillator and buffer stages. Fit standard 5-prong socket. End link coils are not tapped, others are center-tapped. Variable links easily adjusted. Low loss ceramic base.



Center Link	End Link	Vari. Link	Band	Cap. Mmfds.	Your Cost
K10634	K10640	K10602	160M	90*	88¢
K10635	K10641	K10603	80M	75	88¢
K10636	K10642	K10604	40M	50	88¢
K10637	K10643	K10605	20M	33	88¢
K10638	K10644	K10606	10M	28*	88¢
K10639	K10645		5M	18	73¢

\* 95 mmfds. for variable link coil.  
 \* 21 mmfds. for variable link coil.

## Wave Meter 10 to 160M Bands

By holding the inductance of the meter in the field of the circuit under test, and rotating the condenser in the wave meter to the point of maximum brilliancy in the indicator bulb, you can check the band in which the circuit is operating. Accurately calibrated for all Amateur bands from 10 to 160 meters. Band-switching makes only a single coil necessary. Size: 2 1/4"x3x7 1/2". Shpg. wt. 5 lbs. **\$4.26**

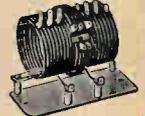


**K10471**—Your Cost ..... **\$4.26**

## Antenna Matching Network Coils

Coils and links have a sufficient number of taps provided to allow both inductance and coupling to be varied over a wide range. Alsimag 196 pillars. Rating: 500 watts.

**K10619**—160 to 40 meters. Each ..... **\$3.35**  
**K10620**—20 to 10 meters. Each ..... **\$2.59**



## Double-Spaced X'mitting Midgets

Hard drawn brass plates and rods electro-soldered and heavily cadmium plated. Alsimag 196 insulation. Double spring rotor contacts. Wide plate spacing. Double bearings on single and 28 gang units.

No.	Mmfds.	Gap	Plates	Each
K10827	5-15	.060"	5	97¢
K10828	7-35	.060"	11	\$1.09
K10829	8-50	.060"	15	1.29
K10830	10-75	.060"	23	1.65
K10831	13-100	.060"	31	1.94

## 2-Gang Double-Spaced X'mitting Midgets

Heavy ceramic base permits mounting these double-spaced condensers directly to the chassis.

K10832	6-20"	.060"	6"	1.94
K10833	7-35"	.060"	11"	1.94

\*—Per section.

## Single-Spaced Midget Receiving Condensers

Semi-circular plate type. Have single bearing (except 2-gang which is built on ceramic base and has two bearings) and spacing suitable for receivers and low power transmitters and transceivers.

Stock No.	Cap. Mmfds.	Air Gap	No. Plates	Your Cost
K10835	4-15	.024"	3	50¢
K10836	5-35	.024"	5	56¢
K10837	6-50	.024"	7	62¢
K10838	7-100	.024"	14	73¢
K10839	7-140	.024"	19	79¢
K10834	7-100*	.024"	14*	1.94

\*—2-Gang ratings per section.

## Tiny-Mite Condensers

Designed for u.h.f. circuits. Extremely compact. Have rigid construction, close fitting bearings, excellent Alsimag 196 insulation. Soldered brass plates are bright cadmium plated. 3-way mounting. Shaft arrangement on single units permits ganging. Panel space 1 1/2"x1 1/4".



No.	Mmfds.	Plates	Each
K9539	3-18	5	\$0.62
K9540	4-25	9	.71
K9541	5-35	13	.82
K9542	6-50	19	.88
K9543	9-100	37	1.06
K9544	12-140	51	1.35
K9545*	4-10	7	.65
K9546*	5-15	11	.82
K9547*	5.5-25	17	.97
K9548*	6-35	21	1.09

\*—Double spaced units.

## 2-Gang Condensers

Capacities are per section.	No.	Mmfds.	Plates	Each
K9512	3-15	5	\$1.29	
K9513	4-25	9	1.44	
K9514	6-50	19	1.62	
K9515	9-100	37	1.76	
K9516*	4-10	7	1.47	
K9517*	5-15	11	1.62	
K9518*	5.5-25	17	1.76	
K9519*	6-35	21	1.94	

\*—Double Spaced.

## Slotted Bracket

2" high, 1 3/8" long, 3/4" wide. For condensers, etc. **6¢**



## Transmitting Chokes

Tapered 6 section winding on a ceramic dowel. Distributed capacitance. Soldered brass plates are bright cadmium plated. 3-way mounting. Shaft arrangement on single units permits ganging. Panel space 1 1/2"x1 1/4".

1 mmfd. D.C. resistance is 5 ohms for the first, 12.5 ohms for the second and 34.9 ohms for the last.

Stock No.	Milli-henrys	Cap. Ma.	Your Cost
K10234	2.8	1000	
K10235	5.5	500	<b>88¢</b>
K10229	5.9	200	

## OHMITE R. F. Chokes

Solenoid chokes designed to avoid fundamental or harmonic resonances in the ham bands. All 100 ma. DC. No brackets on 5M choke.

Stock No.	Band Meters	Mic. Hys.	Dimens. L.Dia.	Your Cost
K10079	5	5.5	1 1/4"x1 1/4"	15¢
K10080	10 & 20	30	3x3 1/2"	44¢
K10081	20 & 40	90	6x6 1/2"	65¢
K10082	20 to 160	200	6 1/2"x3 1/4"	88¢

## MILLEN Hash Filters

To eliminate interference caused by mercury vapor rectifier tubes. Type "A" is for 82 or 83 tubes. "B" is for 866s. Connect in each plate lead, close to tube.

**K8080**—"A". Your Cost ..... **\$1.00**  
**K8061**—"B". Your Cost, per Pair ..... **\$1.25**



# TRANSMITTING KEYS and ACCESSORIES

## McELROY'S KEYS and ACCESSORIES

### Model 300 DeLuxe Streamkey



Beautiful "tear drop" metal base with heavy chrome

plating. Finely balanced key lever. Bronze bearing screw.  $\frac{3}{8}$ " silver contacts. With circuit closing switch.

**K14091—Your Cost \$2.85**

### Professional Model M200

Like above, but with black wrinkle finish base; lacquered chrome parts.  $\frac{3}{8}$ " contacts. With circuit closing switch.

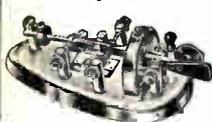
**K14092—Your Cost \$1.80**

### Amateur Model 100

Perfectly designed and balanced. Molded plastic base, cadmium plated parts.  $\frac{3}{8}$ " contacts. Less circuit closer.

**K14093—Your Cost \$1.00**

### New Super Streamspeed



"Tear drop" base with heavy chrome plating. Has  $\frac{3}{8}$ "

silver contacts. Stainless steel coil springs and bearings. Bronze bearing screw. Bakelite insulation. Plastic dot paddle and dash button. Wt. 6 lbs.

Model S600SC. **\$9.50**

**K14047—Each**

As above, but with platinum alloy contacts. Model S600PC.

**K14045—Each \$11.85**

### Professional Mac Key



Model No. P500

9 Adjustments. Bakelite bushings, paddle and knob.  $\frac{3}{8}$ " silver contacts. Black wrinkle base  $3\frac{1}{2} \times 6\frac{1}{2} \times \frac{3}{4}$ ". With circuit closer. Wt. 6 lbs.

**K14087—Each \$7.50**

### Amateur Speed Key



High quality key at low cost. Black ripple finish base,

nickel plated parts. Bakelite paddle; bronze bearing screw. Without circuit closer. Shpg. wt. 5 lbs.

**K14090—Each \$5.95**

### MAC Oscillator



A amazing new oscillator in streamlined plastic case. Operates on A.C. or D.C. Has built-in speaker. Toggle switches give choice

of low or high volume and 600 or 1000 cycle note. Headphones may be connected in series with key and keying terminals on back plate. Transmitter relay may be similarly connected in series with key as this gives 75 V. d.c. output to actuate relay. Uses 117N7GT tube. Shpg. wt. 4 lbs.

**K14046—Less Tube. \$5.95**

Model S700. **Your Cost \$5.95**

Lafayette 117N7GT. **75c**

Oscillator CR700: Like above, less audio osc. Code reproducer. Headphone jack.

**K14048—Each \$2.85**

### A.C.-D.C. Audio Oscillator



Model A700. Fine code practice oscillator at a real low price. Uses a 117N7GT. Terminals on rear for key or code speaker. Plastic housing. Shpg. wt. 2 lbs.

**K14049—Each \$2.85**

Lafayette 117N7GT tube. **75c**

## SPEED-X KEYS and ACCESSORIES

### Professional Hi-Speed Key



For the advanced amateur or commercial operator. Has two sets of  $\frac{1}{4}$ " coin silver contacts, pig-tail connections to the vibrator arm, no current to the case-hardened bearings. Adjustable from 8 words per minute up. Paddles adjustable for height. Equipped with switch and cord and plug. Base  $3\frac{1}{2} \times 6\frac{1}{4} \times \frac{3}{4}$ " with rubber legs. Base and metal parts polished chromium finish. Shpg. wt. 5 lbs.

**Model 591. \$10.29**

**K14028—Each \$10.29**

### Model 500 Key

Same as above, but base has black wrinkle finish.

**K14019—Each \$7.94**

### Model 515 Hi-Speed Key



Sturdy, heavy duty high speed key for the amateur. Has two sets of  $\frac{1}{4}$ " silver contacts. Metal parts chrome plated; base has black wrinkle finish, is  $3 \times 6\frac{1}{4} \times \frac{3}{4}$ ". Same high quality construction as in Model 501 above. No switch or plug. Shpg. wt. 4 lbs.

**K14033—Each \$5.44**

### Code Practice Set



Model 450. Comprises a constant frequency adjustable buzzer and a standard

hand key with  $\frac{1}{8}$ " silver contacts, mounted on a brown bakelite base  $6 \times 4$ ". Metal parts nickel plated. Code card included. Uses 2-1 $\frac{1}{2}$  volt cells (not included).

**K14927—Single Set. \$1.62**

**Your Cost \$1.62**

### Model 321 Senior Key



Heavy duty hand key with  $\frac{1}{4}$ " pure silver

contacts. Navy type knob. Die cast chrome plated base and key arm. Adjustable steel bearings; concealed brass connector strip. Shpg. wt. 2 lbs.

**K14039—Your Cost \$2.06**

### Model 300 Practice Key



Has two adjustments. Base of molded bakelite.  $\frac{1}{4}$ " coin silver contacts. Machined parts finished in bright nickel plate. Wt. 1 lb.

**K14041—Your Cost \$88c**

### Model 310 Manual Key

Heavy die-cast metal base finished in black wrinkle enamel. Smooth adjustable bearings.  $\frac{1}{8}$ " pure silver contacts. Has provisions for plugging in High-Speed keys. Shpg. wt. 1 lb.

**K14051—Your Cost \$1.47**

Like above, but with switch.

**K14052—Your Cost \$1.76**

### Model 301 Ham Key

General purpose key with molded black bakelite base. Well insulated. Adjustable bearings. Nickel key arm.  $\frac{1}{8}$ " silver contacts.

**K14040—Your Cost \$1.26**

As above, with switch

**K14044—Your Cost \$1.47**

### Constant Tone Buzzer

Black bakelite base and cap. Silver contacts. Adjustment on vibrator. Resistance 2 ohms. Operates on 2-1 $\frac{1}{2}$  volt cells or "C" battery.

**K14021—Your Cost \$73c**

## SIGNAL Amateur Key



Model R-50

Cast base black ripple finish. Coin silver contacts. Parts are nickel plated. Easily adjustable. Shpg. wt. 1 lb.

**K14009—Your Cost \$88c**

### SIGNAL Model R-68 Code Practice Set



Comprises a key and a high frequency buzzer mounted on a polished hardwood base. Hook battery to terminals (1 $\frac{1}{2}$  volt cell required, not supplied) and it is ready to operate. Metal code plate on base. Shpg. wt. 2 lbs.

**K14001—Your Cost \$2.00**

Type R-60 BUZZER ONLY: Fully adjustable. Has standard resistance of 2 ohms. Black crystal lacquer finish. List \$1.25.

**K14006—Your Cost \$73c**

## SIGNAL Key With Switch

A telegraph key with a switch to close the contacts. Polished lacquered brass base. Key and switch lever nicked. Shpg. wt. 1 lb.

**K14017—Your Cost \$1.75**

**K14005—Less Switch \$1.65**

### G.L. Automatic Tape



The ideal way to practice code. The unit is compact, easy to operate and highly accurate. Blank tape is spaced and punched, then run through the sender at speeds from 10 to 60 words per minute. Speed controlled by a cone with adjustable friction drive. For 110-120 volts a.c. With cord and plug. Aluminum housing 5x5x3". With practice tape and 6 blank rolls of tape. Shipped Postpaid in U.S.A.

**K14022—Mod. J. \$12.50**

**Your Cost \$12.50**

**K14023—1000-Ft. Roll Tape \$1.00**

## BUD Code Practice Oscillator

Has built in Monitor Speaker. For individual or group practice. Comprises audio oscillator and dynamic speaker in single metal case. Front panel has A.C. switch, key jack and audio pitch selector (high and low). Provision on lack of unit for plugging in additional key and speaker for two-way code practice. Additional speaker (listed below) can be plugged in directly—no output transformer needed. Finished in grey crackle. Shpg. wt. 4 lbs.

**K14011—Your Cost, With Tube \$7.79**

**K14016—Extra Speaker in case. Wt. 2 lbs. \$1.86**

### GUARDIAN Relays

Mounted on bakelite base. Pure silver contacts. Powerful magnet coil and return spring assures clean make and break. Model X-100 Adjustable Overload Relay: opens the 110-volt input when plate current exceeds any value from 150 to 650 ma. Hand reset—does not make contact until handle is released. Re-set button extends through panel. Shpg. wt. 1 lb.

**K14120—Model X-100. \$6.47**

**Your Cost \$6.47**

Model L-500. Like X-100, but non-adjustable. 500 ma.

**K14122—Each \$4.85**

Model K-100. Keying Relay. Single contact. Works on 5 to 16 volts a.c. or from any 1 $\frac{1}{2}$  to 4 volt d.c. source.

**K14123—Each \$3.56**

Model A-100. Antenna Relay. D.P.D.T.

**K14117—Each \$3.85**

Model B-100. Break-In Relay. D.P.D.T., 110 v. a.c. For remote control work.

**K14125—Each \$4.85**

Model R-100. S.P.S.T., 110 volts a.c. Works R.F. phone circuits up to 1 KW. Alsimag insulation.

**K14118—Each \$1.79**

Model R-100C. Like above, but S.P.D.T.

**K14119—Each \$2.15**

# TRANSMITTING CRYSTALS & RELAYS

## Type SMC-100



Provides a simple means for checking the calibration of receivers, oscillators and ham monitors. Oscillates at 100 kc. (with allowance for room temperature compensation), and 1000 kc. (.05%) by switching proper tank coil in circuit. Instructions included. **K13523—Your Cost. \$7.75**

## BLILEY "I.F." Crystals

Mounted crystals for use in 1st i.f. stage of short wave receivers. No spurious responses within 7 kc. of fundamental. Complete with Steatite holder. **Each**

**K13516—456 kc. \$5.50**  
**K13517—465 kc. \$5.50**  
**K13510—1600 kc. \$9.50**

## Crystal Sockets

Easy-to-mount low-loss x'tal sockets. Take standard holders and can be mounted above or below chassis surface. Available in Polystyrene or in Steatite. Lug terminals.

Stock No.	Insulation	Each
K8050	Steatite	25c
K8062	Polystyrene	18c

# BLILEY Mounted Crystals

## BC3 Crystal Unit



Economically priced crystal units for 40, 80, and 160 meter ham bands. Powerful oscillator. Freq. drift only 23 cycles/Mc/°C. One-piece Bakelite holder fits standard 5-prong socket. Specify frequency desired and tolerance for 40 or 80 meters.

**K13531—BC3 mounted crystal. Within 5 kc. of specified frequency; 40 or 80 meter band. \$3.35 Your Cost.**

**K13529—Exact integral \$4.95 kc. Your Cost.**

**K13532—BC3 mounted xtal for 160 meters, within 10 kc. of specified frequency. \$3.35 Your Cost.**

## Type B5

A low drift crystal for 40 and 20 meter bands. Accurately calibrated. Less than 4 cycles/Mc/°C drift. 40 meter unit has a high activity. Mounted in a low loss holder.

Stock No.	Freq. in Mc.	Freq. Within	Your Cost
K13546	7.0-7.3	5 Kc.	\$4.80
K13547	7.0-7.3	Exact	\$5.90
K13518	14.0-14.4	15 Kc.	7.50
K13549	14.4-15.0	30 Kc.	7.50

## VF-1 Crystal Unit



### Variable Frequency

Merely by twisting the control knob you can shift frequency to avoid QRM. Has drift not exceeding (±) 4 cycles/Mc/°C.

Allows approximately 6 Kc. variation on 80 meters and 12 Kc. on 40 meters.

Stock No.	Band	Min. Freq. Within	Your Cost
K13493	80 M.	5 Kc.	\$6.60
K13482	80 M.	Exact	8.50
K13538	40 M.	15 Kc.	6.60
K13539	40 M.	5 Kc.	8.50

## NEW! CM2 Holder



Crystal holder to fit tube socket base. 20-40 meter and 80-160 meter types. Dia. 1 1/4" high, excluding pins. Wt. 2 oz.

**K13098—20-40 meter. \$95**  
**K13099—80-160 meter. \$95**  
**Your Cost Each**



**Type HF2**  
 Mounted, precision crystal for 10 and 20 meter bands; offers control for 2 1/2, 5, 10 and 20 meters.  
**K13507—14.0-14.4 Mc. drift 20 cycles/Mc./°C.**  
**K13508—14.4-15.0 Mc., drift 20 cycles/Mc./°C., within 30 kc. of specified frequency.**  
**K13509—28.0-30.0 Mc., drift 43 cycles/Mc./°C., within 50 kc. of specified frequency.**  
**Any Type, Each... \$5.75**

within 15 kc. of specified frequency.  
**K13508—14.4-15.0 Mc., drift 20 cycles/Mc./°C., within 30 kc. of specified frequency.**  
**K13509—28.0-30.0 Mc., drift 43 cycles/Mc./°C., within 50 kc. of specified frequency.**  
**Any Type, Each... \$5.75**

## Type LD2

A rugged low-drift crystal for the 80 and 160 meter bands. Frequency drift is less than 4 cycles/Mc/°C. Mounted in Bakelite holder. Specify frequency desired.  
**K13585—Within 5 kc. of specified frequency. Your Cost... \$4.80**  
**K13494—Exact integral kc. Your Cost... \$5.90**

## BLILEY Manual

A complete handbook on quartz crystal frequency control. 31 pages.  
**K20029—Your Cost... \$10**

# ALLIED CONTROL RELAYS



## Type "PC"

Plate circuit type—excellent for photo-cell, amplifier, transmitter, and similar applications. 2500 ohm model can be adjusted to pull-in at from 6 to 8 ma. and drop out at 3 to 5 ma. Contact rating: 5 amps. of non-inductive a.c. (not to exceed 10 operations per minute at maximum rating; speed can be increased with smaller loads). Contacts, fine silver. Insulated bracket—cadmium plated.

S.P.D.T.	Each	Coil	D.P.D.T.	Each
K14105	\$1.08	2500 —	K14097	\$1.57
K14106	1.22	6 V. AC	K14098	1.71
K14107	.92	6 V. DC	K14099	1.41
K14108	1.31	110 V. AC	K14121	1.81

## Type "D" Relays



For antenna transfer, filament control, alarm and signal devices and other similar applications. All are D.P.D.T. Entire contact section housed in a special porcelain case. Current is not carried on actuating springs. Layer wound coil vacuum impregnated and covered with heavy wrap. Insulated metal bracket. Cadmium and nickel plating. Contacts: 10 amperes non-inductive a.c. at 125 volts. Overall dim.: 2 1/4 x 2 1/2 x 3 1/4" wide.

actuating springs. Layer wound coil vacuum impregnated and covered with heavy wrap. Insulated metal bracket. Cadmium and nickel plating. Contacts: 10 amperes non-inductive a.c. at 125 volts. Overall dim.: 2 1/4 x 2 1/2 x 3 1/4" wide.

Stock No.	Coil Voltage	Each
K14109	4 to 6 V. D.C.	\$2.11
K14110	10 to 12 V. D.C.	
K14111	6.3 V. A.C.	\$2.45
K14112	110 V. A.C.	

## Type "H" Relays



High frequency relay for antenna change-over, band switching of crystals, tank circuits, etc. Aismag insulation—unaffected by heat. **Double-pole double-throw.** One quarter inch fine silver contacts. Wide spacing. Ample wipe and high contact pressure. Layer wound, impregnated continuous-duty coils. Size: 3x2 1/2 x 1 1/2".

Stock No.	Coil Voltage	Each
K14162	6 V. D.C.	\$3.18
K14163	6 V. A.C.	
K14164	125 V. A.C.	

# Truest MOUNTED X'tals



High quality guaranteed accurate crystal mounted in a newly designed, high efficiency type holder. All are low drift AT cut, accurate to .03% of calibrated frequency. Crystal holders designed to be stacked, take less room than multiple holders. All within 5 kc. of desired frequency.  
 1 1/4 x 1 1/4 x 3/8"

Stock No.	Frequency	Each
K13514	7000 to 7300 kilocycles	\$3.45
K13513	3500 to 4000 kilocycles	2.95
K13512	1700 to 2000 kilocycles	2.95
Any above to exact frequency add... \$1.00		

## Mounted Test Crystals

These crystals are mounted in a holder similar to above. Supplied for test purposes. Accurate to 1/10th of 1%. Specify frequency.  
**K13479—500 to 7000 kc. \$5.50 Your Cost Each**

## Commercial Frequency X'tals

Guaranteed accuracy to .02%. Mounted AT cut. Drift less than four cycles per degree Centigrade per megacycle. In low loss Bakelite holder. Ground to your specified frequency within range of 500 to 7000 kilocycles. Complete with holder.  
**K13480—Your Cost Each... \$15.00**

For frequencies other than 500 to 7000 kilocycles, prices upon request.

## Lafayette X'tal Holders

A crystal holder of excellent construction for use with AT cut or X cut crystals. Electrodes especially ground and lapped for either type. Size 1 1/2 x 1 1/4".  
**K13190—For AT cut X'tals.**  
**K13192—For 40, 80 and 160 M.**  
**Your Cost Each, Any Type... \$95**

## TRUTEST Unmounted 40, 80, 160M. Crystals

Guaranteed crystals at a price far lower than they have ever been offered before. 40 and 80 meter crystals are "X" cut and 160 meter are low drift "Z" cut. State desired frequency and we will ship nearest stock crystal or within whatever limits you set. We carry a large stock and can usually supply the one you want.  
**K13398—40 M. "X" cut**  
**K13399—80 M. "X" cut**  
**K13400—160 M. "Z" cut**  
**Any Type Above, Each... \$1.49**

# WARD-LEONARD Relays

## Standard Antenna Change-over

Mycalex base and cross-arm. Coil consumption 3 to 4 watts at 110/120 V. 50/60 cycles A.C. Wiping make and break silver-to-silver contacts. Base 2 1/2 x 2 1/2". **Double-pole double-throw, single break.** Shpg. wt. 1 lb.  
**K14148—Type 507-531 \$4.70 Your Cost**

## With Break-in (No. 507-534)

Same as above but with two additional single poles. One normally closed the other normally open. Base: 3 1/2 x 2 1/2". Shpg. wt. 1 lb.  
**K14131—Your Cost... \$6.47**

## Heavy Duty Antenna Change-over

New rocker type with Lucite arm. Extra heavy Isolantite posts. Very large wiping type silver contacts. 25 amps. capacity. **Double-pole double-throw, single break.** Size: 4 1/2 x 3 1/2". Shpg. wt. 3 lbs. For 110/120 V. 50/60 cycles a.c.  
**K14126—Type 507-521A \$14.70 Your Cost**

## With Break-in (No. 507-526A)

Same as above but with two additional poles—one normally open—the other normally closed. List \$27.50  
**K14127—Your Cost... \$16.17**

## Remote Control

**Heavy Duty Midget Single-pole double-throw, single break.** 110 V. A.C.-D.C. operation. Silver to silver self-cleaning contacts. Rating: 20 amps. A.C. normally open. 15 amps. A.C. normally closed. Size: 2 3/4 x 1 1/2". Shpg. wt. 1 lb. Type 507-547.  
**K14124—Your Cost... \$2.94**

## Thermal Time-Delay Relay

For rectifier tube protection. **Single-pole double-throw, single break.** Timing adjustable from 15 to 45 sec. 4 amp. contacts. Dust proof cover. 110/120 V. 50/60 cyc.  
**K14129—Your Cost... \$8.82**

# ★ H I A M Accessories ★

## LINGUAPHONE Code Lesson Records



Learn code this easy way at your own convenience. Slow down or speed

up your phono as you progress. Will operate on any phono or record player. Text book and 5 double-faced discs (in album) teach you to send and copy Continental (International) Code. Prepared by Royal Signal Corps and Linguaphone Institute. All records 10". Shpg. wt. 6 lbs. **KZ1895—Your Cost. \$7.50**

## H.V.X'mitting Littelfuses



Fuse wire blows each  $\frac{1}{2}$ " of its length. Blow at 50% above rating.

1000 Volt		5000 Volt	
No.	Each Amps.	No.	Each
K12350	24c $\frac{1}{2}$ "	K12360	41c
K12351	21c $\frac{1}{2}$ "	K12361	41c
K12352	21c $\frac{3}{4}$ "	K12362	38c
K12353	21c $\frac{3}{4}$ "	K12363	38c
K12354	21c $1\frac{1}{2}$ "	K12364	38c
K12355	24c $\frac{1}{2}$ "	K12365	44c
K12356	24c $\frac{1}{2}$ "	K12366	44c
K12357	24c $1\frac{1}{2}$ "	K12367	44c
K12358	24c $2$ "	K12368	44c

## Call Letter Emblem



For mounting on x'mitter, car, or wall. Frame is black with polished chrome, size:  $6\frac{1}{2} \times 2\frac{3}{8}$ ". Letters are green on black; 2 complete sets with each emblem. Shpg. wt. 1 lb.

**K17046—Emblem \$1.62**

**K17047—Emblem with Reflector Box, wired for 110 volts.  $6\frac{1}{2} \times 2\frac{3}{8} \times 1\frac{1}{2}$ ". Wt. 3 lbs. \$2.35**

## PLEXIGLASS Ham Plate



Oval background with transparent red letters. Made entirely of Plexiglass. Especially beautiful when illuminated from rear. 8" long and 2" wide. Be sure to specify your Call Letters. Will be shipped a few days after receipt of order.

**K17048—Each \$2.00**

## DEAGAN Station Chimes



Has 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 instructions on how to play 80 selections.  $12\frac{1}{2} \times 8\frac{1}{2} \times 3$ ". Shpg. wt. 5 lbs. **K14013—Your Cost. \$4.50**

## UNIVERSAL MICROPHONES

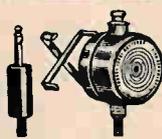


### Amateur's Chest Mike

Communications type crystal microphone suitable for fixed station, mobile station or public address

use. May be used any place where the operator must have both hands free. Response: 50-5000 c.p.s. Output: 48 db. below 1 volt per bar. Moisture and shock proof element. Chrome plated rugged construction. 10-ft. rubber-covered cable. Net weight 7 oz. Shpg. wt. 2 lbs. List \$19.50

**K13597—Your Cost. \$11.47**



### Private Aircraft Mike

For aircraft and marine installations. Motor noises damped out by anti-noise construction. Single button carbon mike—200 ohms impedance. Develops approximately 30 V. RMS across a mike transformer (not supplied) secondary. Sturdy black bakelite case. Moisture-proof cord. Double-pole single-throw press-to-talk switch. Complete with heavy duty push-in mounting bracket. Shpg. wt. 1 lb. List \$16.25

**K13574—Each \$9.56**

### Handset Bracket



For mounting any hand mike. Roller type. Nickel plated bronze. **K13485 \$73c**

### Press-to-Talk Handset



A real heavy duty handset for any commercial application—on yachts, pack transceivers, etc. Thick walled bakelite construction. Polished metal rings make for modernistic appearance and sturdiness. Communications type microphone characteristic. "Super-flux" magnetic type earphone unit. Earphone unit resistance—2000 ohms—matches plate circuit impedance of many tubes. "Tropic" sealed. Has double pole press-to-talk switch with separate wires in 6 ft. cable. Shpg. wt.  $1\frac{1}{4}$  lbs.

**K14042—With Single Button (200 ohms) Carbon microphone (—38 db.) and magnetic phone. Your Cost \$8.53**

**K14036—With Dynamic (33 ohms) microphone (—64 db.) and magnetic earphone. Your Cost \$16.76**

### Aircraft Handset



For aircraft, amateurs, mobile, pack transmitters, two-way phone systems, etc. Rugged light-weight construction. Black bakelite with 6 foot cord. Mike and receiver terminated separately. Single button 200 ohm mike. Receivers available in 75 ohms for line matching and 2000 ohms for tube matching. Shpg. wt. 1 lb.

**K14043—With 2000 ohm receiver. List \$10.00 Your Cost \$5.88**

**K13596—With 75 ohm receiver. List \$10.00 Your Cost \$5.88**

## PREMAX All-Steel Vertical Antennas

New tubular steel antenna, easy to erect, saves space. Reduces local noises to minimum. Consists of 4 cadmium plated tubes, extending to 24 ft., and 5 ft. ground post. Heavy wood insulator unit on which RCA antenna coupling unit may be mounted. Excellent for use with RCA Magic Wave Kit. Complete set includes: mast, insulator unit, ground clamp, full instruction. Wt. 20 lbs. **K17140—Your Cost \$5.88**

**K17141—Roof mounting type, with flanges, guy-wires, insulators. Each \$5.88**



## IRC Universal Bleeder Resistor

25,000 ohms tapped at 7500, 10,000, 12,500, 15,000 ohms.

Rated at 18 watts attached flat to metal chassis. Insulated 1000 volts to ground. **K5104—Each \$73c**



## Johnson "Q" Antennas

Provide a considerable increase in radiated power due to accurate matching between transmission line and antenna effected by a  $\frac{1}{4}$  wave matching section of aluminum tubing. This permits using the "Q" system with  $\frac{1}{2}$  wave doublet, reflector-director, harmonic radiator, etc.—or the Johnson "Q" Beam systems. Complete with instructions.

Stock No.	Band	Each
K17167	5 meters	\$4.12
K17168*	5 meters	5.88
K17162	10 meters	4.62
K17163	20 meters	7.20
K17164	40 meters	13.29
K17165	80 meters	24.70
K17160*	10 meters	5.09
K17161*	20 meters	8.53

\* Mycelax insulation. \* Supplied with straight tubing; others coiled. Note: For "Q" Beams order two "Q" antennas for lower frequency of two desired.

Other Johnson products listed on page 124. We can supply any Johnson item not listed.

## Strap Insulator

Heavy duty porcelain to mount large diam. tubing as used in beams. Also used to mount antennas to poles and vent pipes. 18" strap will accommodate pipes up to 6" diam. 10-24x3" stud. **K17106—Your Cost Each \$29c**

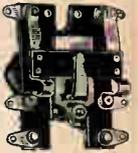


## NEW! Meissner Antenna Relay



For any type antenna—on any frequency up to 60 mega cycles Straight-thru feed for transmission lines. Highest grade ceramic insulation. Oversize contacts—will handle a full KW. 110 V. AC coil. Heavy steel base. Base and metal parts chrome plated. Shpg. wt. 5 lbs. **K14165—Each \$4.12**

## DUNCO Relays



Compact double-pole single-throw normally open relays suitable for all radio applications. Wide spacing between poles permits operation at radio frequencies as well as audio, 60-cycle and lower frequencies. May also be used on DC. Fine silver contacts good for 1A. DC or 6A. AC at 110 V. Can be used on voltages up to 1000 V. Size:  $1\frac{1}{2} \times 2 \times 1\frac{1}{2}$ ". Shpg. wt. 1 lb. **K14030—RA-1. 2 1/2 V. AC coil. \$14.035—RA-3. 6.3 V. AC. \$14.031—RD-1. 5-6 V. DC. Any Type Above, \$2.00 Each**

## STACO Relays



Antenna change-over relays; all DPDT with insulation for RF circuits. Also good for band changing, tank switching, etc. All use  $\frac{1}{2}$ " pure silver contacts; ball bearing pivot; floating armature and have  $3\frac{1}{2} \times 3\frac{1}{2}$ " base. Type AB use XPLW low loss bakelite; type AM use Mycelax base and cross arms. Large shading coil eliminates AC chatter.

Stock No.	Type	Coil V. Cur.	Your Cost
K14113	ABA	110 AC	\$2.55
K14114	ABD	6 DC	
K14115	AMA	110 AC	\$3.45
K14116	AMD	6 DC	

Refer to pages 128 and 129 for additional listing of relays.

## Two-Way Code Set



Ideal for the code learner. A switch on each set permits radio code (buzzer), blinker (bulb) or telegraph signals. Metal code plate on each set. Adjustable key with standard knob. Each set takes two large flashlight cells. Supplied with bulbs, 60 ft. of double wire and instructions. Less cells. Shpg. wt. 5 lbs. **K14000—Your Cost \$1.85**

## One-Way Code Set

Single unit, for learning code, blinker or navy signals. Same as above but only one unit. With full instructions. Less cells. **K14008—Your Cost \$85c**

Flashlight cells for above. **K19840—Each \$4c**

## Bakelite Key Knobs

Brilliant black bakelite. Navy knob (illustrated) with disc. **K14037—Each \$15c**

Flat paddle (not illustrated) as used on most speed keys. **K14038—Your Cost \$15c**



# TRANSMITTING TRANSFORMERS



## THORDARSON PLATE TRANSFORMERS

All primaries for 115 V. 50/60 cycles a.c. Specified secondary A.C. voltage is at transformer terminals, either side of c.t.; dual Sec. A.C. listings indicate tapped secondary. D.C. voltage out of 2-section filter (choke input) approx. 20% less than A.C. rating. Electrostatic shields between primary and secondary.

Stock No.	Thord. No.	Sec. A.C.	D.C. Ma.	Mtg. Type	Size, Inches H. W. D.	Wt. Lbs.	Your Cost
K560	T19P54	560	150	3	5 x3 1/2 x3 3/4	7	\$3.23
K642	*T19P55	660	250	8	5 x3 3/4 x3 3/4	8	3.82
		550					
K643	T19P56	900	225	3	5 x3 3/4 x4 1/4	10	4.12
		800					
K644	†T19P57	1075	125	3	5 x3 3/4 x4 1/2	10	5.00
		500	150				
K645	T19P59	1560	300	5 †	6 x5 7/8 x4	26 1/2	9.40
		1250					
K648	T19P63	1560	500	5 †	6 1/2 x6 3/4 x7 1/2	38	13.52
		1265					
K649	T19P67	2450	500	5 †	9 1/2 x6 3/4 x5 1/2	51	24.99
		2125					

\*Indicates bias tap at 30 volts. †Have insulated bushings.  
†Designed for double rectifiers. Will deliver both ratings simultaneously.

## FILAMENT TRANSFORMERS

Primaries for 115 volts, 50/60 cycles except those marked (\*) which have primary taps of 105, 110, 115 volts. All secondaries center tapped unless indicated by (†) which has two taps.

The essential of improved voltage regulation and minimum heat rise have been given prime consideration in the design of these units. Ratings given are for continuous operation at full load.

Stock No.	Thord. No.	Windings Volts	Amps.	Insul. Volts	Mtg. Type	Size—Ins. WxDxH	Wt. Lbs.	Your Cost
K517	T50F61	2.5	3.5	1600	6	2 1/2 x1 3/4 x2 3/8	1	\$0.88
K304	T19F88	2.5	5.25	1600	6	2 1/2 x2 x2 3/8	1	1.03
K305	T19F89	2.5	10	1600	6	3 1/2 x2 1/2 x3	2	1.32
K306	T19F90	2.5	10	7500	1	3 1/2 x2 1/2 x3 1/2	2	1.76
K450	T64F33*	2.5	10	7500	1	3 3/4 x3 1/4 x4	5	2.65
K307	T19F91	5.25	4	1600	1	2 1/2 x2 1/4 x3 1/4	2	1.32
K309	T19F92	5.25	13	1600	1	3 1/2 x2 1/4 x4	4	1.91
K549	T19F80	6.3	1	1600	6	1 1/2 x1 1/2 x2	1	.73
K550	T19F81	6.3	2	1600	6	2 1/2 x1 3/4 x2 3/8	1	.88
K311	T19F97	6.3	3	1600	6	2 1/2 x2 x2 3/8	2	1.03
K303	T61F85†	6.3, 2.5	2.5	1600	2	3 3/8 x2 x2 1/4	2	1.18
K373	T73F60*	6.3	5	1600	1	2 1/2 x2 3/8 x3 3/4	4	2.20
K312	T19F98	6.3	6	1600	1	2 1/2 x2 3/8 x3 3/4	3	1.62
K313	T19F99	6.3	10	1600	1	3 3/4 x2 1/4 x4	4	2.06
K314	T19F93	7.5	4	1600	1	2 1/2 x2 1/4 x3 3/4	2	1.32
K315	T19F94	7.5	8	1600	1	3 x2 3/8 x3 3/4	4	1.76
K442	T64F14*	10	8	1600	1	3 3/4 x3 3/8 x4	5	2.79

## INPUT (SWINGING) CHOKES

No.	Thord.	Henries	Ma.	Ohms	Insul.	Type	Each
K551	T19C39	5-20	150	215	3000	3	\$1.91
K634	T19C35	5-20	200	130	3000	1	2.35
K635	T19C36	5-20	300	105	5000	1	3.82
K637	T19C38	5-20	500	75	5000	5	8.23

## SMOOTHING CHOKES

No.	Thord.	Henries	Ma.	Ohms	Insul.	Type	Each
K552	T19C46	12	150	215	3000	3	\$1.91
K638	T19C42	12	200	130	3000	1	2.35
K639	T19C43	12	300	105	5000	1	3.82
K641	T19C45	12	500	75	5000	5	8.23

## CATHODE MODULATION TRANSFORMERS

Secondary ohms from 80 to 2000. "MultiMatch" case (not illus.)

No.	Thord.	Watts	Primary Ohms	Sec. D.C.	Lbs.	Each
K475	T11M69	15	5000, 7000, 10000	300 Ma.	4	\$3.23
K476	T11M70	40	3000, 6600, 10000	400 Ma.	8	4.41
K477	T11M71	100	6000, 8000, 10000	600 Ma.	10	7.64

## UNIVERSAL MODULATION TRANSFORMERS

Ideal for amateurs and experimenters. The tapped coils used in this series designed for wide range applications. Type 1 mounting.

Stock No.	Thord. No.	Cap. Watts	Pri. Ma. Per Side	Secondary Series	Ma. Par.	Wt. Lbs.	Your Cost
K542	T19M13	15	50	50	100	2	\$2.35
K631	T19M14	30	75	75	150	4	4.12

## UNIVERSAL BIAS TRANSFORMERS

Type 1 mounting. Primaries for 115 volts, 50/60 cycles. Both types have secondaries rated at 200 ma. Voltage steps are approximate.

No.	Thord.	Sec. D.C. Voltages	W. D. H.	Lbs.	Each
K562	T19R31	10 to 100 in 5 V. steps	3 3/4 x3 1/4 x4"	4	\$3.23
K563	T19R32	100 to 400 in 15 V. steps	3 3/4 x4 1/4 x4 3/8"	10	4.26

## STANCOR PLATE TRANSFORMERS

All primaries for 115 volts 50/60 cycles.

No.	Type	Sec. A.C.*	M.A.	HxWxD	Mtg.	Lbs.	Each
K1777	P3699	740	200	4 5/8 x3 3/4 x4 1/8"	1	10	\$3.82
K1776	P3535	1000-780-550	300	4 5/8 x3 3/4 x5 1/2"	1	16	5.85
K1778	P4030	1220-880	250	4 5/8 x3 3/4 x5 3/8"	1	18	6.76
K1783	P6152	1550-1350	300	7 x7 1/2 x6 1/2"	5	27	9.41
K1788	P5053	1700-1400	300	7 x7 1/2 x6 5/8"	5	31	10.88
K1789	P6154	2430-2150	300	7 x7 1/2 x7"	5	32	12.64

\* Each side center tap. D.C. voltage approximately 20% less.

## SWINGING CHOKES

No.	Type	Hys.	Ma.	Ohms	HxWxD	Mtg.	Wt. Lbs.	Each
K1827	C1400	8-40	175	100	3 1/2 x2 3/8 x2 3/8"	3	3	\$1.76
K1768	C1719	5-25	200	120	3 1/2 x3 1/8 x3 1/8"	6	6	2.24
K1828	C1401	8-30	200	80	3 1/2 x3 x3 1/8"	3	4	2.18
K1766	C1702	8-30	250	60	3 1/2 x3 x3	6	4	2.21
K1829	C1402	8-30	250	60	3 1/2 x3 x3 1/2"	3	5	2.59
K1769	C1720	5-25	300	80	4 1/2 x3 3/8 x3 1/2"	6	9	2.94

## FILTER CHOKES

No.	Type	20	175	100	3 1/2 x2 3/8 x2 3/8"	3	3	\$1.62
K1830	C1410	15	200	80	3 1/2 x3 x3 1/8"	3	4	1.76
K1831	C1411	20	200	70	3 1/2 x3 1/4 x3 3/8"	3	5	2.35
K1832	C1646	20	200	70	3 1/2 x3 1/4 x3 3/8"	3	5	2.35
K1767	C1703	15	250	60	3 1/2 x3 x3 1/2"	6	4	2.21
K1833	C1413	12	300	80	4 3/8 x3 3/8 x3 3/8"	1	9	3.82

## FILAMENT TRANSFORMERS

No.	Type	Sec. V.	Amps.	HxWxD	Mtg.	Lbs.	Each
K1774	P3060	2.5	10	3 1/2 x2 1/2 x2 1/2"	6	3	\$1.76
K1790	P4088	5.0	3	3 1/2 x2 1/2 x2 1/2"	6	2	1.18
K1779	P5014	6.3	3	3 1/2 x2 1/2 x2 1/2"	6	2	1.03
K1775	P3064	6.3	6	3 1/2 x2 1/2 x2 1/2"	6	3	1.62
K1780	P5015	7.5	4	3 1/2 x2 1/2 x2 1/2"	6	8	1.18
K1782	P6138	7.5	8	3 1/2 x3 1/4 x3 1/2"	6	4	1.76
K1781	P5016	10.0	4	3 1/2 x3 x2 3/8"	6	3	1.62
K1791	P4096	10.0	5	3 1/2 x3 1/4 x3 1/4"	8	5	2.65
K1784	P6164	6.3/5/2.5	2 1/2	2 1/2 x2 1/2 x2 3/8"	6	2	1.18

All secondaries except P6164 C.T.—All primaries 115 V. 60 cycles.

## DRIVER TRANSFORMERS

Driver tubes listed in order of preference with best listed first.

No.	Type	From	To	Class	Mtg.	Each
K1893	A4405	1-45, 6F6, 42, 2A5, 6K6, 41	PP42, 89, 2A5, 6F6, 6V6, 6Z7	B	3	\$2.06
K1894	A4721	1-2A3, 6A3, 45, 46, 59, 6F6, 2A5, 42, 89, 53	1-1J6G, 19, 79, 6Z7, 53, 6N7, PP 42, 45, 6F6	B	8	1.47
K1895	A4292	1-6C5, 6J5, 80, 1H4, 49	1-1J6G, 19, 79, 6Z7, PP 80	B	2	.82
K1896	A4208	PP 6C5, 6J5, 6N7, 6L5, 56, 27, 76	FP 2A3, 2A5, 6A3, 6F6, 6L6, 6V6, 42, 45, PP 6L6	AB	3	2.06
K1897	A4702	1-2A3, 45, 46, 89, 2A5, 6F6, 42	6F6, 45, 6V6, Par. 6L6	AB1	3	1.94

## PLATE MODULATION TRANSFORMERS

No.	Type	Tubes	Sec. Imp.	Audio	Mtg.	Lbs.	Each
K1748	A3845	1-6A6, 6N7, 53, 79, 6Y7	3000, 5000, 6500, 8000	25 W.	3	4	\$1.91
K1751	A3808	PP 6L6, 807, HY61, RK41, PP Par. 6L6	4000, 5000, 7500, 10000	60 W.	1	8	4.30
K1757	A2907	PP 10, T20, TZ-20, HY25, 35, 46, 801, 909	3300, 5000, 6800, 9000, 12,500	90 W.	1	10	5.12
K1758	A2908	PP RK18, T20, TZ20, HY25, RK31, 35T, 50T	3000, 4500, 5350, 6250	120 W.	1	11	5.88
K1759	A3829	P.P. RK 12, 57, HY25-40Z, T40, 809, 100TL	3300, 4000, 5000, 6250	175 W.	1	12	6.35

## Special Ham Units By Stancor

Very popular sized power x'formers at a real bargain price. Useful for every ham. Primaries 115 V. 50/60 cycles. H. V. Secondary 1200 V. CT. at 200 Ma.

K1773—M-1535—Low voltage sec. 7.5 V. at 3 amps.; 5 V. at 3 amps.; 2.5 V. at 10 amps. Mtg. area 3 1/2 x4 1/8".

K1772—M-1534—Low voltage sec. 6.3 V. at 3 amps.; 5 V. at 3 amps.; 6.3 V. at 4 amps. Shpg. wt. 15 lbs.



Either Type Above, Your Cost Each

**\$3.45**  
**FREE STANCOR HAMANUAL.** A valuable booklet, full of useful information for every ham. 10-150 watt rigs, diagrams, circuits, antenna dope. 64 pages. Free with every order for Stancor transformers. If purchased separately—K19960—Your Cost.....15c



## "Linear Standard" Audios

A line of shielded highest fidelity audio transformers featuring input coils that have **lowest hum pick-up of any available**, wide range frequency response (within plus or minus 1 db. from 30 to 20,000 c.p.s.), thorough shielding and dependability. Used extensively by broadcast stations. Housed in alloy cases that have threaded 4-hole terminals for mounting (top or bottom). Telephone black enamel finish. Overall dimensions: **A**—2½x3½x3¼"; **B**—3½x4½x4½"; **C**—5x5½x5¼"; **D**—6½x6½x5¾".

### Line Matching Units

For matching multiple line: **50, 125, 200, 250, 500 ohms.** Type A case. Dual alloy shielding, hum reduction -74 db. Shpg. wt. 3 lbs.

No.	Type	Match To	Each
K5401	LS-10	Single grid—60,000 ohms, 2 sections	\$8.82
K5739*	LS-10X	Single grid—60,000 ohms, 2 sections	11.76
K5402	LS-12	P.P. grids—120,000 ohms, 2 sections	11.76
K5427	LS-50	Single plate 8000/15000 ohms	8.82
K5408	LS-37	Crystal mike or pick-up	8.82
K5405	LS-30	Mixer 50, 200, 250, 500 ohms	8.82

\*—Quadruple alloy shielding, hum reduction -92 db.

### Interstage Transformers

No.	Type	Application	Case	Lbs.	Each
K5423	LS-21	1 plate to 2 grids. 2½:1	A	4	\$7.64
K5424	LS-22	2 plates to 2 grids. 1.6:1	B	8	12.94

### Output Transformers

To voice coil secondary: 30, 20, 15, 10, 7.5, 5, 2.5, 1.2 ohms. All units type B case except **K5398** (C case). Shpg. wt. 8 lbs. (**K5398** is 16 lbs.)

No.	Type	Pri. Imped.	Typical Tubes	Each
K5411	LS-54	8000	45's, 50's, 6F6 triodes	\$8.23
K5412†	LS-55	8000	2A3's, 6A5G's, 300A's	11.76
K5414	LS-57	3000/5000	2A3's, 6A5G's, 300A's	8.23
K5420	LS-63	6000/10000	6B5, 6A6, 6F6, 89, 46	8.23
K5398	LS-6L3	6600	6L6's self bias	11.76

†—Also matches 50, 125, 200, 250, 333, 500 ohm lines.

### Varimatch Modulation Transformers

#### Match Any Modulator Tube To Any R.F. Load

Here's the answer to your modulation problem—a new line of transformers providing a universal range of load impedances for any modulator combination. The VARIMATCH transformer can never become obsolete. All units carry Class C current and have charts giving impedance combinations.

Stock No.	Type No.	Max. Audio Watts	Max. Input Class C	Typical Mod. Tubes	Case	Wt. Lbs.	Your Cost
K5400	VM0	12	25	30, 49, 79, 6A6	E	4	\$2.94
K5360	VM1	30	60	6V6, 6B5, 2A3	F	6	4.70
K5361	VM2	60	125	801, 6L6, 809	G	10	7.35
K5362	VM3	125	250	800, 807, 845	H	15	11.75
K5363	VM4	300	600	50-T, 203A	7¾x9x5½"	28	19.10
K5364	VM5	600	1200	805, HF-300	11x11x9"	85	41.16

### Varimatch Driver Transformers

Stock No.	Type No.	Primary	Typical Out. Tubes	Case	Wt. Lbs.	Your Cost
K5351	PA-51AX	Single 6C5, 30, etc.	19, 30, 49, 79	E	3	\$3.24
K5353	PA-53AX	P.P. 45, 50, 2A3, etc.	46, 841, 210	F	5	4.40
K5359	PA-59AX	50, 200, 500 ohm line	805, 838, 203A	F	5	4.40

## Public Address Audios

Incorporate the most advanced design features. Uniform drawn cases are finished in telephone black enamel with threaded inserts for top or bottom mounting. All have lug terminals. Low level units have hum bucking construction. Completely poured with special sealing compound. Overall dimensions: (length, width, height).

- Type E Case: 2½x3x3"
- Type F Case: 3½x4½x3½"
- Type G Case: 3½x4½x4¼"
- Type H Case: 6x4½x4¾"



### Line Matching Units

All in Type E case. Shpg. wt. 3 lbs. each.

No.	Type	Application	Each
K5379	PA-134	50, 200, 500 ohm line or mike to 1 grid	\$3.82
K5380	PA-135	50, 200, 500 ohm line or mike to 2 grids	4.40
K5381	PA-131	Single plate to single grid. 3:1	2.64
K5382	PA-132	1 plate to p.p. grids. Split sec. 2:1	2.94
K5383	PA-133	P.P. plates to p.p. grids. Split sec. 1.75:1	3.53
K5384	PA-233	P.P. 6C5's, etc. to p.p. 2A3's, 6L6's	3.53
K5724	PA-333	P.P. 6C5's, etc. to fixed bias 6L6's	3.53

### Varitone Units

Equalizer matching transformers. 50,000 ohm external potentiometer required. All Type E case. Shpg. wt. 3 lbs.

**K5531—VT-1.** From single plate or low impedance mike or line to 1 or 2 grids. **Your Cost** ..... \$5.00  
**K5532—VT-2.** For insertion in shunt with line or mike of 5,000 to 20,000 ohm plate. **Your Cost** ..... \$3.53

### Output Transformers

Secondary impedances: 500, 200, 50, 16, 8, 5, 3, 1.5 ohms.

Stock	Type	Imped. P.P.	Typical Tubes	Case	Lbs.	Each
K5386	PA-15	8000	45's, 50's, 6F6 tr.	F	5	\$4.12
K5387	PA-16	3000/5000	2A3's, 6A5G's	F	5	4.12
K5388	PA-19	6000/10000	6B5, 6A6, 6F6, 89, 46	F	5	4.12
K5392	PA-2L6	6000	6L6's self bias	G	10	5.88
K5393	PA-4L6	3300/3800	4-6L6's AB	G	15	8.82

### P.A. VARIMATCH Outputs

Designed to match any tubes within the rated power to line or voice coils. Output impedances: 500, 200, 50, 15, 8, 5, 3, 1.5 ohms.

Stock	Type	Watts	Typical Tubes	Case	Lbs.	Each
K5777	PVM-1	12	42, 43, 45, 47, 2A3, 6F6	E	3	\$2.94
K5778	PVM-2	30	42, 45, 6L6, 6V6, 6B5	F	4	4.70

### Filter Chokes

Stock	Type	Henrys	Ma.	Ohms	Case	Lbs.	Each
K5580	PA-40	10	200	110	F	4	\$2.65
K5581	PA-41	5-25	200	100	F	4	2.65
K5582	PA-44	30	100	375	F	4	2.35
K5583	PA-45	250	15	4500	H	3	2.65
K5340	PA-100	10-12	150	115	F	5	2.94
K5725	PA-48C	100	50	2500	F	3	2.65

### Line Varimatch Transformers

Match any voice coil or group of voice coils to a 500 ohm line. Impedance range from .2 to 75 ohms in 50 combinations. Will match 1 to 10 500 ohm lines to 500 ohm output of amplifier.

No.	Type	Application	Case	Lbs.	Each
K5782	LVM-1	15-Watt Line Varimatch	E	2	\$2.65
K5783	LVM-2	40-Watt Line Varimatch	F	5	4.12
K5784	LVM-3	75-Watt Line Varimatch	G	10	5.88



## "OUNCER" Audios

Tiny featherweight units having flat response from 40 to 15,000 c.p.s. (except 0-14 and 0-15 which have range from 150 to 4000 c.p.s.) Weigh only 1 OUNCE and measure ½" diam., by 1½" high. Ideal for hearing aids, aircraft installations, etc. **Max. level 0 db.**

Stock No.	Type No.	Primary Impedance	Secondary Impedance	Your Cost
K5791	0-1	50, 200, 500	50,000	\$5.88
<b>Single Plate To 1 Grid</b>				
K5793	0-4	8000 to 15000	60,000	4.70
<b>Single Plate To Line</b>				
K5795	0-8	8000 to 15000	50, 200, 500	5.88
<b>Crystal Mike or Pick-up To Line</b>				
K5796	0-11	50,000	50, 200, 500	5.88
<b>50:1 Mike or Line To 1 Grid</b>				
K5797	0-14	200	½ Megohm	5.88
<b>10:1 Single Plate To 1 Grid</b>				
K5798	0-15	8000 to 15000	1 Megohm	5.88



### MIKE CABLE TRANSFORMERS

Ruggedly constructed; designed to be inserted in cable circuit within 25 ft. of amplifier. 1½" dia., 2½" long. With spring tension relief (no cable supplied). Shipping weight, each, 1 lb.



## Ultra-Compact Audios

Compact high fidelity units having frequency range from 30 to 20,000 c.p.s. Only 1½x1½x1¼". Threaded inserts for mounting. Net wt. 6 oz. Shpg. wt. 1 lb. each.

### Line Matching Transformers

Match 50, 125, 200, 250, 500 ohm lines

K5394	A-10.	Line to 1 Grid. 50,000 ohms
K5738	A-12.	Line to p.p. grids. 80,000 ohms
K5436	A-20.	Line to mixer, 50, 200, 250, 500 ohms
K5397	A-24.	1 triode plate 8000/15000 ohms to line
K5438	A-27.	Crystal mike or pick-up to line

### Multiple Alloy Shield Type

Range from 50 to 10,000 c.p.s. and have multiple alloy shield for extremely low hum pick-up.

K5726	A-11	50, 200, 500 ohms to 1 or 2 grids
K5727	A-21	50, 200, 500 ohms to 50, 200, 500 ohms

Your Cost Each, **\$5.88**

Any Type Listed Above

### Interstage Transformers

K5395	A-16	1 Plate to 1 Grid. 2:1	\$4.70
K5396	A-18	1 Plate to 2 Grids. 1:1.5:1	5.29

**K5792** Type MC-1. Primary tapped at 30/50 and 200/250 ohms. Secondary to grid. Standard fidelity. Shipping weight 1 lb.

Your Cost **\$4.41**

## Automatic Voltage Regulators



Entirely NEW (patent pending). No moving parts, effects instant correction of line voltage variations. Output constant within 1% (110, 115 or 120 volts); input can vary between 95 and 130 volts (60 cycles a.c. only). Highly accurate, high power factor, low distortion. Fully shielded. With cord and plug.

No.	Type	Cap. V.A.	Shpg. Wt.	Each
K5975	AR-1	15	8 lbs.	\$12.00
K5976	AR-2	30	10 lbs.	15.00
K5977	AR-3	60	12 lbs.	21.00
K5978	AR-4	120	18 lbs.	28.00
K5979	AR-5	250	22 lbs.	46.00
K5980	AR-6	500	36 lbs.	67.00
K5981	AR-7	1000	60 lbs.	110.00
K5982	AR-8	2000	120 lbs.	200.00

**K5973**—Type MC-2. Same as MC-1, but high fidelity. **\$5.88**

**K5974**—Type MC-3. Crystal Mike to 50/200 ohm line. **\$5.88**

Your Cost Each



# Transmitting TRANSFORMERS



## Case Dimensions

Type	Height	Width	Depth
G-1	1 7/8"	2"	1 3/4"
G-2	2 5/16"	2 3/4"	1 1/2"
G-3	2 1/2"	2 3/4"	2 1/8"
G-4	2 5/16"	3 1/8"	2 5/16"
G-5	3 5/8"	3 1/8"	4 9/16"
G-6	4 5/8"	3 3/4"	5 1/2"



G1 TO G4



G5 TO G11



## Case Dimensions

Type	Height	Width	Depth
G-7	5 3/8"	4 9/16"	5 9/16"
G-8	5 3/8"	5 1/2"	5 1/2"
G-9	6 1/8"	5 5/16"	6 13/16"
G-10	6 1/8"	6 3/16"	6 11/16"
G-11	7 1/8"	6 9/16"	7 3/8"

## Class A Input Transformers

No.	Type	Application	Ratio	Case	Wt.	Each
K5801	S-1	1 plate* to 1 grid.....	3 1/4:1	G-2	2 lbs.	\$1.32
K5802	S-2	1 plate* to 2 grids.....	2:1	G-2	2	1.47
K5803	S-3	1 plate* to 1 or 2 grids, compact type.....	2:1	G-1	2	1.18
K5804	S-4	1 plate* to 2 grids, wide range response.....	1:1	G-3	3	2.06
K5805	S-5	Single or double button mike or line to 1 grid; hum bucking type.....	16:1	G-2	2	1.76
K5806	S-6	Single or double button mike or line to 1 grid, compact type.....	16:1	G-1	2	1.18
K5807	S-7	Single plate* and carbon mike to 1 or 2 grids.....	3:1 16:1	G-2	2	2.06

\* Will match tubes like 6C5, 56, 6C6 triode, 77 triode, etc. Can be used with high mu triodes with loss in low frequencies.

## Univ. Output To Line and Voice Coil

All secondaries designed to match 2, 8 and 15 ohm voice coils and 500 ohm line. Average shpg. wt., each 6 lbs.

No.	Type	Primary Ohms	Watts	Case	Each
K5814	S-14	2500, 4000, 7000.....	10	G-2	\$1.91
K5815	S-15	4000, 5000, 10,000.....	12	G-2	2.06
K5816	S-16	3000, 6000-6600, 10,000	30	G-4	2.79

## Universal Output Transformers

Designed to match any modulator tubes to any RF load. Secondary will carry d.c.

No.	Type	Watts	Case	Lbs.	Each
K5818	S-18	12	G-3	3	\$2.06
K5819	S-19	30	G-4	4	2.79
K5820	S-20	55	G-5	5	3.82
K5821	S-21	110	G-7	11	5.88
K5822	S-22	250	G-9	18	8.25

## Matching Transformers

Average shipping weight, each 4 lbs.

Stock No.	Type No.	Application	Pri. Ohms	Sec. Ohms	Case	Your Cost
K5811	S-11	Single 56, 6C6 triode, 6C5 or similar tube to line...	10,000	200, 500	G-2	\$1.76

## Universal Driver Transformers

No.	Type	Application	Case	Lbs.	Each
K5808	S-8	Single driver plate to push-pull grids.	G-3	3	\$1.62
K5809	S-9	P.P. Driver plates to grids of class B tubes up to 400 watts output.....	G-3	4	2.21
K5810	S-10	P.P. 56, 6C6 triode, 6C5, or similar plates to 45's, 2A3's, or 6L6's self or fixed bias.....	G-3	3	2.06
K5888	S-73	500 or 200 ohm line to all Class B grids up to 400 watts.....	G-4	4	2.21

## Multiple Secondary Filament Windings

Primaries tapped 105, 115 volts, 50/60 cycles a.c. All secondaries center tapped. Shpg. wt., each, 8 lbs.

Stock No.	Type No.	Fil. No. 1 Volts Amps.	Fil. No. 2 Volts Amps.	Fil. No. 3 Volts Amps.	Case	Your Cost
K5864	S-64	2.5 5	2.5 5	5 6	G-5	\$2.35
K5865	S-65	2.5 5	5 5	6.3 3	G-5	2.35
K5866	S-66	2.5 10	7.5 4	6.5	G-5	2.35
K5867	S-67	5 6	6.3 5		G-5	2.35
K5868	S-68	5 6	6.3 4	7.5 5	G-5	2.65
K5870	S-70	6.3 3	6.3 5		G-5	2.65
K5872	S-72	5 3	5 3	5 6	G-5	2.94

All 3000 volt insulation except S-72 (5000 v).

## Cathode Modulation Transformers

All have variable tapped secondaries from 300 to 2000 ohms. Primary of type CM18 will match 200 or 500 ohms output of any 15 watt amplifier.

No.	Type	Watts. Out.	Case	Shpg. Wt.	Your Cost
K5890	CM15	15	G-3	3	\$2.35
K5891	CM16	35	G-4	4	3.23
K5892	CM17	100	G-7	11	7.06
K5893	CM18	15	G-3	3	2.35

## Filter, Swinging and Audio Chokes

No.	Type	Service	Hy.	Ma.	Ohms	Case	Each
K5823	*S-23	Audio	500	5	6000	G-2	\$1.32
K5824	*S-24	P.P. Choke	500 c.t.	3	4000	G-2	1.47
K5825	*S-25	Filter	30	30	900	G-2	1.18
K5826	*S-26	Filter	15	60	230	G-2	1.18
K5827	*S-27	Filter	30	75	350	G-4	1.62
K5828	*S-28	Filter	20	100	350	G-4	1.62
K5829	*S-29	Filter	10	175	95	G-4	1.62
K5830	*S-30	Swing.	5/25	175	95	G-4	1.62
K5831	†S-31	Filter	20	225	120	G-5	2.06
K5832	†S-32	Swing.	5/25	225	120	G-5	2.06
K5833	†S-33	Filter	20	300	90	G-7	2.94
K5834	†S-34	Swing.	5/25	300	90	G-7	2.94
K5835	‡S-35	Filter	20	400	85	G-8	3.82
K5836	‡S-36	Swing.	5/25	400	85	G-8	3.82
K5837	‡S-37	Filter	20	550	60	G-9	5.29
K5838	‡S-38	Swing.	5/25	550	60	G-9	5.29

\* Shpg. wt. 4 lbs. † Shpg. wt. 6 lbs. ‡ Shpg. wt. 9 lbs.

## Plate Transformers

Primaries for 115 v., 50/60 cycles a.c. For duplex rectifiers, the high and low voltage output of any of the units listed below can be used simultaneously. The rated d.c. current can be divided as required between both voltage outputs.

No.	Type	High Voltage	Ma.	Case	Lbs.	Each
K5844	S-44	575-525-0-525-575.....	500	G-9	22	\$6.17
K5845	S-45	900-750-0-750-900.....	200	G-8	14	4.20
K5846	S-46	1000-750-0-750-1000....	300	G-9	19	5.59
K5889	S-74	1150-1000-0-1000-1150	150	G-10	19	7.06
K5847	S-47	1500-1250-1000-0-1000-1250-1500.....	300	G-10	30	7.94
K5848	S-48	1500-1250-1000-0-1000-1250-1500.....	500	G-11	32	11.46
K5849	S-49	2100-1800-1500-0-1500-1800-2100.....	300	G-11	29	10.58
K5850	S-50	3000-2500-0-2500-3000	300	G-11	50	14.73

## Plate and Filament Transformers

All primaries for 115 volts, 50/60 cycles a.c.  
 High volt. 490-400-0-400-490 at 175 ma.; 5 v. at 3 a. (rect.); 2.5 v. c.t. at 6 a.; 6.3 v. c.t. at 4 a. G-6. Wt. 9 lbs. **\$4.12**  
**K5839—S-39. Your Cost**  
 High volt. 525-425-0-425-525 at 250 ma.; 5 v. at 3 a. (rect.); 6.3 v. c.t. at 3 a.; 6.3 v. c.t. at 3 a. G-7. Wt. 12 lbs. **\$4.12**  
**K5840—S-40. Your Cost**  
 High volt. 600-600-0-600 at 200 ma.; 5 v. at 3 a. (rect.); 7.5 v. tapped at 6.3 v. at 3 a.; 6.3 v. c.t. at 2 a. G-7. Wt. 11 lbs. **\$3.53**  
**K5841—S-41. Your Cost**  
 High volt. 600-525-0-525-600 at 300 ma.; 5 v. at 3 a. (rect.); 7.5 v. tapped at 6.3 v. at 3 a.; 6.3 v. c.t. at 3 a. G-8. Wt. 14 lbs. **\$5.00**  
**K5842—S-42. Your Cost**  
 High volt. 525-0-525 at 450 ma.; 40-0-40 at 200 ma.; 5 v. at 3 a. (rect.); 5 v. at 6 a. (rect.); 6.3 v. c.t. at 2 a.; 6.3 v. c.t. at 5 a. G-9. Wt. 19 lbs. **\$7.06**  
**K5843—S-43. Your Cost.**

## Single Secondary Filament Transformers

Primaries tapped 105, 115 volts, 50/60 cycles a.c.

No.	Type	Sec. Volts	Amps	Insul.	Case	Lbs.	Each
K5853	S-53	2.5 c.t.	10	1500 v.	G-3	3	\$1.32
K5854	S-54	5 c.t.	4	2500 v.	G-3	3	1.32
K5855	S-55	6.3 c.t.	3	1500 v.	G-3	3	1.32
K5856	S-56	7.5 c.t.	3	1500 v.	G-3	3	1.32
K5857	S-57	2.5 c.t.	10	10000 v.	G-5	5	1.76
K5858	S-58	2.5 c.t.	20	10000 v.	G-5	5	2.35
K5859	S-59	5 to 5.25 c.t.	13	5000 v.	G-5	5	2.06
K5860	S-60	5 to 5.25 c.t.	22	10000 v.	G-7	11	4.41
K5861	S-61	7.5 tapped, 6.3 c.t.	8	3000 v.	G-5	5	2.06
K5862	S-62	10 c.t.	10	5000 v.	G-5	5	2.35
K5863	S-63	14 v. c.t. tapped at 12 v. c.t., 11 v. c.t.	10	5000 v.	G-7	5	4.41

# UTC Replacement Transformers UTC

## VARITAP All-Purpose Power X'formers



Replacement power transformers featuring flexibility of application. Each unit can be used to replace several different types of transformers now in use, so that a minimum stock is required to cover all demands. Type A units feature universal mounting. Leads are brought out through a single insulated opening, and units can be mounted upright, flush or on one side, as desired; universal flanges supplied. Type B units are standard vertical shielded transformers with long insulated leads. Type C units are for flush mounting and have lug terminals with windings marked. All coils are vacuum impregnated. Black eggshell enamel finish.

### Fil. #1 and Fil. #2 provides either ONE of the voltages shown Universal Mounting Transformers (type A)

Stock No.	Type	High Volt. Volts Ma.	Rect. Fil. Volts Amp.	Fil. No. 1	Fil. No. 2	Your Cost
K5901	R-1	650 @ 40	5 @ 2	6.3 @ 2 2.5 @ 4		\$1.47
K5902	R-2	700 @ 70	5 @ 3	6.3 @ 2.5 2.5 @ 8		\$1.76
K5903	R-3	700 @ 95	5 @ 3	6.3 @ 4.5 2.5 @ 5	2.5 @ 9	\$2.35
K5904	R-4	750 @ 120	5 @ 4	6.3 @ 4.5 2.5 @ 5	2.5 @ 15	\$2.94
K5905	R-5	770 @ 180	5 @ 4	6.3 @ 4 2.5 @ 6	6.3 @ 5	\$3.53

### Vertical Shielded Transformers (type B)

K5954	R-54	600 @ 50	5 @ 2	6.3 @ 2 2.5 @ 5		\$1.62
K5911	R-11	700 @ 75	5 @ 3	6.3 @ 3 2.5 @ 3	2.5 @ 8	\$2.50
K5912	R-12	750 @ 100	5 @ 3	6.3 @ 4 2.5 @ 4	6.3 @ 2 2.5 @ 8	\$3.09
K5913	R-13	850 @ 200	5 @ 3	6.3 @ 5 2.5 @ 6	6.3 @ 3 2.5 @ 12	\$4.41

### Flush Mounting Transformers (type C)

K5906	R-6	600 @ 50	5 @ 2	6.3 @ 2 2.5 @ 5		\$1.47
K5907	R-7	700 @ 75	5 @ 3	6.3 @ 3 2.5 @ 3	2.5 @ 8	\$1.91
K5908	R-8	750 @ 100	5 @ 3	6.3 @ 4 2.5 @ 4	2.5 @ 10	\$2.50
K5909	R-9	800 @ 125	5 @ 3	6.3 @ 4 2.5 @ 4	6.3 @ 2 2.5 @ 10	\$3.23
K5910	R-10	850 @ 200	5 @ 3	6.3 @ 5 2.5 @ 5	6.3 @ 3 2.5 @ 12	\$3.82

**NOTE:** All high voltage and filament windings are center-tapped. Primaries for 115 v., 50/60 cycles A.C.

### Dimensions and Shipping Weights of All Units

No.	Type	W.x.D.xH.	Lbs.	No.	Type	W.x.D.xH.	Lbs.
K5901	R-1	3 x 2 1/2 x 2 3/4	4	K5907	R-7	3 x 2 x 3 1/2	5
K5902	R-2	3 x 2 x 3	5	K5908	R-8	3 3/4 x 3 x 3 3/4	7
K5903	R-3	3 3/4 x 3 x 3	6	K5909	R-9	4 1/2 x 3 3/4 x 4	8
K5904	R-4	4 1/2 x 3 3/4 x 3 3/4	7	K5910	R-10	4 1/2 x 3 3/4 x 4 3/4	10
K5905	R-5	4 1/2 x 3 3/4 x 4 1/2	8	K5911	R-11	3 x 3 1/4 x 3 1/2	6
K5906	R-6	3 x 2 1/2 x 2 1/2	4	K5912	R-12	3 1/4 x 3 x 3 1/2	8
				K5913	R-13	3 x 4 1/2 x 4	10

## Standard VARITRAN Voltage Controls

The VARITRAN is an ideal voltage control unit of the type employing a sliding contact riding over the transformer turns. They provide continuously variable output voltages FROM 0 TO 130 VOLTS without interruption of the circuit. Used extensively to control lights, line voltage, rectifiers, motors, transmitters, etc. Type V-1 (illustrated) is completely shielded and includes cord, plug, and switch. Other units are completely shielded and have screw terminals on an insulated strip. All units shown below for 115 volt input.



No.	Type	Watts	Max. Amps.	Size	Wt.	Price
K5733	V-0	230	2	4 x 6 x 4 3/4"	10 lbs.	\$7.35
K5771	V-1	570	5	5 x 8 1/2 x 3 1/2"	14 lbs.	9.80
K5716	*V1-M	570	5	5 x 10 1/2 x 3 1/2"	14 lbs.	14.70
K5772	V-2	570	5	5 x 7 x 4 1/2"	13 lbs.	8.82
K5773	V-3	850	7.5	5 x 7 x 5 1/2"	19 lbs.	13.72
K5774	V-4	1250	11	6 3/8 x 9 3/4 x 6"	37 lbs.	19.60
K5790	V-5	1950	17	6 3/8 x 9 3/4 x 7"	50 lbs.	31.36
K5734	V-6	3500	30	6 1/2 x 10 x 13"	95 lbs.	58.80

\*Same as V-1, but includes 0-150 volt A.C. meter.

## NEW! Tropic Sealed Channel Frame Audios

An excellently designed series of channel frame TROPICAL WETPROOF audios. In addition to good frequency response, coils are vacuum-pressure treated followed by the UTC MOULD SEAL process of WET PROOFING to prevent moisture absorption. All have black enamel finish, and have long insulated leads. Average shpg. wt., each 2 lbs.



### Audio Transformers

No.	Type	Description of Unit	Size	Each
K5933	R-33	1 Plate* to 1 Grid. Ratio 4:1	B	\$0.71
K5934	R-34	1 Plate* to 2 Grids. Ratio 2:1	B	.88
K5935	R-35	Mike to 1 Grid. Ratio 17:1	B	.88
K5956	R-56	1 Plate to 2 Grids. Ratio 2:1	D	.88
K5957	R-57	1 Plate to 2 Grids. High Fidelity. Ratio 2 1/2:1	F	1.47
K5936	R-36	Driver (30, 49, etc.) to Class B 19, 79, 89 Grids.	B	.88
K5937	R-37	R.F. Output. Class B 19, 49, 79, 89 plates to 3500, and 5000 ohms.	B	.94
K5958	R-58	5-Watt Universal Output. Any single tube to 5 watts to any voice coil from .1 to 30 ohms.	A	.65
K5941	R-38A	6-Watt Univ. Out. Any tubes to .1 to 30 ohms.	A	.73
K5959	R-59	10-Watt Univ. Out. Any tubes to .1 to 30 ohms.	B	.82
K5960	R-60	15-Watt Univ. Out. Any tubes to .1 to 30 ohms.	D	.88
K5939	R-39	10-Watt Line Matching: 250, 500, 1500 ohms to 2, 8, 15 ohm voice coil.	B	.94
K5940	R-40	25-Watt Line Matching: 250, 500, 1500 ohms to 2, 8, 15 ohm voice coil.	C	1.47

### Filament Transformers (115 V. Pri.)

No.	Type	Secondary	Size	Each
K5717	FT-1	2.5 Volts c.t. @ 3 Amps	B	\$0.73
K5718	FT-2	6.3 Volts c.t. @ 1.2 Amps	B	.73
K5719	FT-3	2.5 Volts c.t. @ 6 Amps	D	.88
K5720	FT-4	6.3 Volts c.t. @ 2.5 Amps	D	1.03
K5721	FT-5	2.5 Volts c.t. @ 10 Amps	E	1.03
K5722	FT-6	5 Volts c.t. @ 3 Amps	E	1.03
K5723	FT-7	7.5 Volts c.t. @ 3 Amps	E	1.03

### Filter and Audio Chokes

No.	Type	Henrys	Ma.	Ohms D.C.	Size	Each
K5955	R-55	10	35	300	A	\$0.44
K5914	R-14	12	40	250	B	.53
K5915	R-15	15	30	450	B	.53
K5916	R-16	20	30	600	B	.65
K5917	R-17	25	30	1000	D	.71
K5918	R-18	10	75	250	D	.71
K5919	R-19	15	100	450	E	1.03
K5920	R-20	8	160	100	F	1.18
K5921	R-21	5/25	160	100	F	1.18
K5922	R-22	500	5	6000	D	1.03

### Mounting Dimensions of Above Units

Type A: 2 1/2" w., 1 3/8" d., 1 3/8" h. Type D: 3 3/8" w., 1 5/8" d., 2" h.  
Type B: 2 3/8" w., 1 3/8" d., 1 1/8" h. Type E: 3 3/8" w., 1 3/4" d., 2 1/8" h.  
Type C: 4 3/8" w., 2 1/4" d., 2 3/8" h. Type F: 4 1/8" w., 2" d., 2 3/8" h.



## VARITAP Universal Mounting Audio Transformers

VARITAP audios represent the acme in replacement transformer development. The double shells and universal mounting brackets are finished in high lustre black. All mounting positions incorporate long slots for maximum flexibility. All coils are well shielded, and have tropical wetproof impregnation. Dimensions: Type A—2x2 3/8 x 1 3/8. Type B—3x2 1/2 x 2 3/4. Shpg. wt. each, 3 lbs.

No.	Type	Description	Size	Each
K5923	R-23	1 Plate to 1 Grid. Ratio 3 1/2:1	A	\$1.03
K5924	R-24	1 Plate to 2 Grids. Ratio 2:1	A	1.09
K5925	R-25	2 Plates to 2 Grids. 1.5:1 step-up for Class A triodes, 1.5:1 step-down for 6L6's, 2A3's, 2A5's, etc.	A	1.18
K5926	R-26	Driver, 1 Plate to 2 Grids. Single 42, 2A5, 6F6, 45 to AB 6L6's, 42's, 2A5's, etc.	A	1.18
K5927	R-27	15-Watt Output. Alt. tubes to .1-30 ohm voice coils.	A	1.03
K5928	R-28	35-Watt Output. Alt. tubes to .1-30 ohm voice coils.	B	1.47
K5929	R-29	Single or double button mike or line to 1 grid.	A	1.09
K5931	R-31	Filter Choke. 10 Henrys, 80 ma., 250 ohms.	A	.88
K5932	R-32	Filter Choke. 10 Hy., 150 ma., 100 ohms.	B	1.32

## Universal VARITRANS

Similar to the standard Varitrans, but extremely flexible in operation. Various connections of the 8 terminals provide for: line voltage control—115 volts out with 90 to 140 volts in or 220 volts out with 197 to 243 volts in; low voltage output for trains, etc., 0 to 28 volts out with 115 or 220 volts in; stepdown or stepup, 115 to 220 volts or 220 to 115 volts; rotary converter service, constant 115 volt output from 55 to 80 volt input.



No.	Type	Max. Amps.	Dimensions	Wt. Lbs.	Each
K5729	VL-0	1.5	3 3/8 x 4 1/4 x 3 3/8"	7	\$5.39
K5730	VL-1	3.5	4 3/8 x 6 x 4 3/8"	9	6.37
K5731	VL-2	6	4 3/8 x 6 x 5 1/8"	12	7.84
K5732	VL-3	11	4 3/8 x 6 x 6 1/8"	18	12.74



# STANCOR REPLACEMENT TRANSFORMERS



## UNIVERSAL MOUNTING POWER TRANSFORMERS

- ➔ NEW FEATURE PERMITS REPLACEMENT OF 2-HOLE MOUNTING X'FORMERS
- ➔ ELECTROSTATICALLY SHIELDED
- ➔ 5 MOUNTING POSITIONS POSSIBLE
- ➔ COMPLETE WITH UNIV. BRACKETS
- ➔ BUILT TO MEET R.M.A. STANDARDS
- ➔ A TYPE FOR EVERY REQUIREMENT
- ➔ ALL SECONDARIES CENTER TAPPED
- ➔ PRIMARIES FOR 115 V., 50/60 CYCLES
- ➔ HEAVY 8-INCH FLEXIBLE LEADS



Type "M" Mount



Vertical Mount



Horizontal Mount



2 or 4 Hole Half Shell

Stock No.	Type No.	No of Tubes	Your Cost	Plate		Rec. Fil.		Fil. #1		Fil. #2		Dimensions H x W x D	Wt., Lbs.
				Vlts.	M.A.	V.	A.	V.	A.	V.	A.		
K1706	P-6001	4-5	\$1.47	650	40	5	2	2.5	4	.....	.....	2 1/2 x 3 x 2 1/2	4
K1712	P-6002	5-6	1.91	700	50	5	3	2.5	7 1/4	.....	.....	2 1/2 x 3 x 3 1/4	4
K1713	P-6003	6-7	2.06	700	70	5	3	2.5	9	.....	.....	2 1/2 x 3 1/2 x 3 1/4	4
K1714	P-6004	8-9	2.50	700	90	5	3	2.5	12.5	.....	.....	2 1/2 x 3 3/4 x 3 1/4	6
K1719	P-6009	6-7	2.35	550	70	5	3	5.0	5	2.5	10.5	2 1/2 x 3 1/2 x 3 1/4	5
K1716	P-6005	6-7	2.35	700	70	5	3	5.5	9	2.5	8.5	2 1/2 x 3 1/2 x 3 1/4	6
K1716	P-6006	11-13	3.09	700	120	5	3	2.5	12.5	2.5	3.5	3 1/2 x 3 1/2 x 3 1/4	6
K1717	P-6007	10-12	3.23	800	110	5	3	2.5	15	2.5	3.5	3 1/2 x 3 1/2 x 3 1/4	7
K1735	P-6297	4-5	1.38	480	40	5	2	6.3	2	.....	.....	2 1/2 x 3 x 2 1/2	4
K1720	P-6010	4-5	1.47	650	40	5	3	6.3	2	.....	.....	2 1/2 x 3 x 2 1/2	4
K1721	P-6011	6-7	1.91	700	70	5	3	6.3	2.5	.....	.....	2 1/2 x 3 x 3 1/4	4
K1722	P-6012	8-9	2.35	700	90	5	3	6.3	3.5	.....	.....	2 1/2 x 3 3/4 x 3 1/4	6
K1723	P-6013	11-13	2.50	700	120	5	3	6.3	4.7	.....	.....	3 1/2 x 3 3/4 x 3 1/4	6
K1724	P-6014	13-15	3.38	750	150	5	3	6.3	5	.....	.....	3 1/2 x 3 3/4 x 3 1/4	6
K1726	P-6165	14-16	3.97	800	200	5	4	6.3	5.5	.....	.....	3 1/2 x 4 1/2 x 3 1/4	7
K1731	P-6293	6-7	2.35	600	60	5	3	6.3	2.5	2.5	7.5	2 1/2 x 3 1/2 x 3 1/4	4
K1733	P-6295	8-9	2.79	700	90	5	3	6.3	4	2.5	9	3 1/2 x 3 1/2 x 3 1/4	6
K1734*	P-6296*	11-13	3.53	750	125	5	3	2.5	12	6.3	5.0	3 1/2 x 3 1/2 x 3 1/4	6
K1718	P-6008	14-16	3.67	750	180	5	3	6.3	3.3	2.5	6	3 1/2 x 4 1/2 x 3 1/4	7

\*K1734—P-6296 has an additional 2.5 V. at 1.75 amp. CT Filament winding.

### SPECIAL 6.3 V. TRANSFORMERS FOR SETS USING P.M. SPEAKERS

Stock No.	Type No.	Primary	Secondary	Max. Wtts.	Mtg. No.	Your Cost							
K1785	P-6289	4-6	\$1.53	420	40	5	2	6.3	2	.....	.....	2 1/2 x 3 x 2 1/2	4
K1786	P-6119	6-7	1.65	600	55	5	2	6.3	2.7	.....	.....	2 1/2 x 3 x 2 1/2	4
K1787	P-6120	7-9	2.06	630	70	5	3	6.3	3.5	.....	.....	2 1/2 x 3 1/2 x 3 1/4	6

### Output Transformers

Stock No.	Type No.	Class Oper.	Tubes	Impedance in Ohms		Max. Wtts.	Mtg. No.	Your Cost
				Prim.	Secondary			
K1663	A-3822	A	S	7M, 10M	.7 to 4	5	Q	\$0.68
K1669	A-3848	A	S	16,000	1, 2, 4	5	Q	.68
K1676	A-3857	A	S	25,000	1, 2, 4	5	A	.76
K1677	A-3857	A	S	1,500	2, 4, 6	5	A	.73
K1640	A-3876	A	S	2,000	4	5	A	.53
K1645	A-3877	A	S	2,000	4	5	A	.53
K1646	A-3878	A	S	7,000	4	5	A	.53
K1648	A-3879	A	S	10,000	4	5	A	.53
K1649	A-3881	A	S	15,000	4	5	A	.53
K1647	A-2201	A	Sor PP	8,000	6	10	A	.88
K1664	A-3824	A	S	8,000	1, 2, 4	8	Q	1.12
K1665	A-3825	B	S	2,500	1, 2, 4	8	Q	.94
K1667	A-3831	B	Sor PP	10M	2, 4, 8	5	A	.82
K1656	A-3303	A&B	Sor PP	14M	4, 8, 15, 500	20	C	2.06
K1657	A-3304	A&B	Sor PP	10M, 7M	4, 8, 15, 500	25	C	2.23
K1644	A-3301	A&AB	PP	3,000	4, 8, 15, 500	30	C	2.35
K1672	A-3851*	AB1	PP	4,400	4, 8, 15, 250	30	C	2.35
K1661	A-3800	A&AB	PP	5,000	4, 8, 15, 500	30	C	2.56
K1662	A-3801	AB1	PP	6,600	250, 500	35	C	2.79

\*10% Inverse Feedback Winding.

### Universal Output Transformers

(All have secondaries adjustable from 1 to 30 ohms)

Stock No.	Type No.	Primary Ohms	Mtg. Type	Mtg. Ctrs.	Wt. Lbs.	Your Cost
K1675	A-3856	All for Single or P.P. plates.	Q	2"	1	\$0.76
K1637	A-3823		Q	2 1/2"	1	.88
K1671	A-3850	4000, 7000, 8000,	J	2"	1	.88
K1673	A-3852	10M, 14M CT	J	2 3/8"	2	1.12
K1678	A-3890		E	2 3/8"	2	1.62
K1670	A-3849*	1500, 2000, 4000, 5000, 7000, 10,000 Q	2	2 1/8"	1	.88
K1666	A-3830*	3000, 5000, 6600, 7000, 8000, 10,000 CT	J	2 1/8"	8	1.62

\*Designed especially for battery radios.

#Designed for tubes with large output.

### 6 Volt Universal Vibrator Transformers

No.	Type	DC V.	M.A.	H x W x D	Mtg.	Lbs.	Each
K1736	P-6301	150	40	2 1/2 x 2 x 2"	S	2	\$1.53
K1711	P-4060	225	40	3 1/2 x 2 1/2 x 3"	N	3	1.62
K1704	P-4061	250	50	3 1/2 x 2 1/2 x 3"	N	3	1.76
K1705	P-4063	285	75	3 1/2 x 2 1/2 x 3 1/4"	N	4	2.35

### 6 V. DC or 115 V. AC Vibrator Transformer

K1727	P-6166	350	135	4 1/2 x 3 1/2 x 4"	C	10	3.38
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FREE SERVICE GUIDE: Don't fail to get your free copy of the Stancor Service Guide. This 48-page book has 4300 set listings covering 70 radio set manufacturers, plus valuable circuit information, etc. Sent FREE with every order for Stancor merchandise—ask for it!

### AUDIO TRANSFORMERS

#### Single Plate To Single Grid

Stock No.	Type No.	Turns Ratio	Dimensions H x W x D	Mtg. Type	Mtg. Ctrs.	Wt. Lbs.	Your Cost
K1650	A-53	3:1	1 1/2 x 2 3/4 x 1 1/2"	A	2"	1	\$0.68
K1652	A-63	3:1	1 1/2 x 2 1/2 x 1 1/2"	A	2 1/8"	1	.79
K1653	A-73	3:1	2 x 3 1/2 x 1 1/2"	A	2 1/8"	1	1.00

#### Push-Pull Inputs (1 Pl. to 2 G.)

K1651	A-53C	2:1	1 1/2 x 2 3/4 x 1 1/2"	A	2"	1	.73
K1690	A-4740	3:1	2 x 2 1/2 x 1 1/2"	S	2"	1	.85
K1654	A-73C	3:1	2 x 3 1/2 x 1 1/2"	A	2 1/8"	1	1.06
K1691	A-4750	3:1	2 1/4 x 2 3/4 x 1 1/2"	S	2 3/8"	1	1.06
K1686	A-4719	3:1	2 3/4 x 2 3/4 x 2 1/2"	E	2 3/8"	2	1.65

#### Push-Pull Interstage (2 Pl. to 2 G.)

K1683	A-4711	1:1	1 1/2 x 2 1/2 x 1 1/2"	A	2 1/8"	1	1.03
K1681	A-4208	1.4:1	3 1/4 x 2 3/4 x 2 3/4"	C	.....	2.5	2.03

### Universal Interstage Transformers

Split secondaries. Primary center tapped. May be used plate to grid, p.p. input or p.p. interstage. Primary will pass 10 milliamperes d.c. Shpg. wt. each, 2 lbs.

No.	Type	Core	Mtg.	H. W. D.	Centers	Each
K1630	A-4773	3/4 x 1"	E	2 3/4 x 2 x 2 1/2"	2 3/8"	\$1.32
K1631	A-4774	3/4 x 1"	S	2 1/4 x 2 1/2 x 2 1/4"	2 3/8"	1.12
K1634	A-4775	3/4 x 1 1/2"	S	2 7/8 x 3 1/4 x 2 3/8"	2 3/4"	1.41

### Replacement Driver Transformers

Stock No.	Type No.	Impedance Pri. Sec.	Ratio	Mtg. Type	Mtg. Ctrs.	Wt. Lbs.	Your Cost
K1684	A-4712*	20M 2.2M	3:1	A	2 1/8"	1	\$0.82
K1685	A-4713	10M 2.5M	2:1	A	2 1/8"	1	.82
K1688	A-4733	10M 1.1	3:1	A	2 1/8"	1	.82
K1687	A-4722	10M 1.1	1:1	E	2 3/8"	2	1.32
K1682	A-4401	10M 1.4M	2.7:1	J	2 3/8"	2	1.09
K1689	A-473	10M 1.6M	2.5:1	A	2 3/8"	2	1.03
K1692	A-4752*	10M 2.5M	2:1	.....	.....	.....	.....

\*Center tapped 10M 1.5:1 S 2 3/8" 2 1.18

### Filter Chokes Type A

Stock No.	Type No.	Hen-rys	Cur. M.A.	D.C. Ohms	Dimensions H x W x D	Wt. Lbs.	Your Cost
K1698	C-1706	5	50	300	1 1/2 x 2 3/4 x 1 1/2"	1	\$0.53
K1699	C-1707	7	50	400	1 1/2 x 2 3/4 x 1 1/2"	1	.53
K1700	C-1708	10	65	500	1 1/2 x 3 1/4 x 2 1/2"	2	.71
K1701	C-1709	9	85	250	1 1/2 x 3 1/4 x 2 1/2"	2	.94
K1702	C-1710	8	150	200	2 1/2 x 4 x 2 1/2"	3	1.18
K1623	C-1003	30	50	550	1 1/2 x 3 1/4 x 1 1/2"	2	.73
K1624	C-1002	30	75	400	2 1/4 x 3 1/4 x 1 1/2"	2	.91
K1625	C-1001	30	110	200	2 1/4 x 4 x 2 1/2"	3	1.09
K1626*	C-1034	30	30	1150	1 1/2 x 2 1/2 x 1 1/2"	2	.73

\*Center tapped.

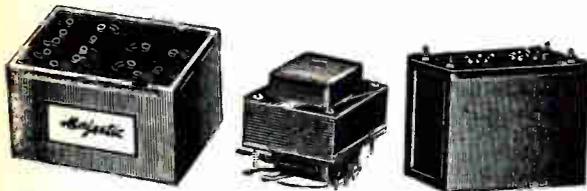
### AC-DC Chokes Type A

K1703	C-1723	4.4	50	330	1 1/2 x 2 3/4 x 1 1/2"	1	.50
K1694	C-1080	15	50	200	1 1/2 x 2 1/2 x 1 1/2"	1	.53
K1697	C-1325	15	50	250	1 1/2 x 2 1/2 x 1 1/2"	1	.53
K1695	C-1227	15	50	350	1 1/2 x 2 1/2 x 1 1/2"	1	.53
K1696	C-1279	15	50	400	1 1/2 x 2 1/2 x 1 1/2"	1	.53

Exact Duplicate

# Transformers and Condenser Blocks

## POWER TRANSFORMERS



Make and Model  
**ALL AMERICAN MOHAWK**

J, P.....K5586 \$2.65

**APEX**

Gloritone 26A.....K2205 2.20

Gloritone 26P.....K2484 2.20

**ATWATER KENT**

36, 37, 38.....K2255 1.60

40, 42, 44, 45, 52, 56, 57 Comp. ....K1376 4.95

55, 55C (Late).....K2446 3.95

82, 85.....K2447 3.25

84.....K2474 3.25

87, 89, 89P.....K2476 3.95

70, 72, 75, L-1, L-2, H-1, H-2.....K2440 3.25

856, 976.....K2399 2.50

110, 510.....K2378 2.50

812 plate and filament.....K1906 4.95

**BOSCH**

48.....K2260 3.40

58.....K2261 3.40

73, 74.....K2401 2.75

**CLARION**

300.....K2086 3.95

340.....K2087 2.30

**COLONIAL**

31.....K2363 3.40

**COLUMBIA RADIO**

Screen Grid 8 (with choke).....K2305 3.75

**EDISON**

R-4, R-5, C-4.....K2251 3.85

R-6, R-7.....K2306 3.95

R-1, R-2, C-2 Plate Trans.....K2350 2.55

**EVEREADY**

40, 50 series.....K2284 2.75

**FADA**

41, 42, 44, 46, 47.....K2353 3.65

**GENERAL ELECTRIC**

H-31, H-51, H-71.....K2156 3.05

T-41.....K2155 2.30

S-22, S-42.....K2187 2.35

K-62.....K2189 3.45

H-32, H-72.....K2190 2.45

J-82, J-85.....K2112 2.75

E-155.....K2114 4.95

J-70, J-75.....K2454 2.40

E91, E95, E101, E105, E106.....K1921 3.30

E81, E86.....K1922 2.95

E61, E62, E68.....K1923 2.18

K50, K51, K63, K54, K58.....K2008 2.30

K60, K63, K65, M63.....K2009 2.50

**GRAYBAR** (see RCA-Radiola)

**GRUNOW**

6C, 660, 661.....K5601 3.75

6D, 670, 671.....K5601 3.75

**KOLSTER**

K-24.....K2054 3.95

**MAJESTIC**

90 Chassis, 91, 92 plate-fl.....K2100 3.45

180 Chassis, 181 plate trans.....K2169 4.85

90B, 93, 100-B.....K2127 3.45

15 Chassis, 151, 153, 154.....K1491 2.05

20 Chassis; 21, 22, 23.....K2129 3.45

50 Chassis, 52.....K2132 3.45

180 Chassis, 131, 132.....K2130 2.30

Make and Model of Radio  
**MAJESTIC—(Cont.)**

25 Series.....K2128 3.45

300, 300A.....K2044 3.75

380, 381.....K2016 1.40

460, 461, 463.....K2405 2.25

**PHILCO**

20, 220.....K1955 2.28

21.....K1910 2.35

50.....K1951 2.07

65.....K1956 2.28

70.....K1957 2.28

76, 77.....K1958 2.28

86.....K1960 2.28

90 (2-45s).....K1959 2.28

90 (1-47).....K1953 2.28

90 (2-47s).....K1953 2.28

91, 221.....K1911 2.28

95, 96, 296.....K1962 2.28

111, 112 (2-45s).....K1963 2.28

112, 212 (2-47s).....K1963 2.28

500 Series (511).....K1964 1.98

37-60, 37-61, 36-89 (121).....K1928 2.58

**RCA-RADIOLA**

44, 46, 47.....K2152 2.95

60, 62.....K2153 2.95

66.....K2154 2.95

64, 67.....K2157 7.95

42, 48.....K2155 2.30

80, 82, 86.....K2156 3.05

R7, R7A, R9, RE16, R9.....K2187 2.35

R11, R18, R18A.....K2189 3.45

R50, R15, RE-20.....K2190 2.45

R8, R10, R12.....K2112 2.75

R7, R72.....K2112 2.75

R4, R6.....K2454 2.40

R28, R28P, R28BW, RE40, RE40P, 110, 111, 115, 210, 310.....K2008 2.30

R100 (late), E101.....K2011 1.70

118, 128, 128E, ACR136, 211, 224, 224E, 322, 322E.....K2120 2.45

**RCA-VICTOR**

R-32, RE-45, R-52, RE-75.....K2185 2.60

R14, R15, RE17.....K2155 2.30

35, 39, 57.....K2195 1.75

9-18, 9-54.....K2157 7.95

R-7AC.....K2187 2.35

R-11.....K2189 3.45

R50, R55, RE-20.....K2190 2.45

C-6-12, 6T, 6K, 7T, 7K, C-6-11, 8T, 8K, 8K-1.....K1924 2.05

6-T5, 6-T4, 5-T5, 5W, 85-T-5.....K1926 2.18

**SPARTON**

AC-7, 62, 63.....K229 2.35

89-A.....K231 4.85

591, 599, 931.....K234 3.45

301, 564, 570.....K235 5.30

**STEWART-WARNER**

900-951 series, 951, 952, 953, 961, 962, 963.....K2272 3.60

102, A, B, E.....K2214 2.9

**STROMBERG-CARLSON**

10, 11, 25, 26.....K2370 2.95

638 25-60 eye.....K2249 2.95

641, 642, 652, 654.....K2257 3.40

846, 848.....K2258 3.95

**U. S. RADIO & TEL.**

Gloritone 26-A.....K2205 2.20

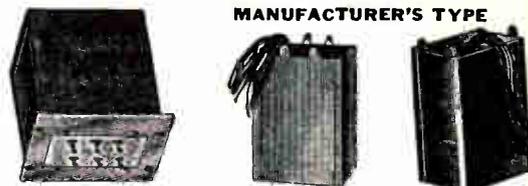
Gloritone 26-P.....K2484 2.20

**WESTINGHOUSE** (see RCA-Radiola)

**ZENITH**

50, 60, 70 series; ZE-50, ZE-60, ZE-70 power units K1980 3.50

## AUDIO TRANSFORMERS



Manufacturer	Model and Type	No.	Each
Airline	62-101, 62-020; Input	K2247	\$1.55
Atwater-Kent	55, 55C, 60, 60C-P.P. Input and Out.	K2492	1.89
Clarion	AC60 Input	K2247	1.55
Crosley	32, 40, 41, 42, 704, 706 Audio & P.P. Input	K1892	1.89
Crosley	60S, 61S, 62S, 63S—P.P. Input (6 leads)	K1848	1.25
Fada	42, 44, 46 (KA)—P.P. Input	K1642	1.35
General Elec.	H32 Input and Output	K1965	1.85
General Elec.	F63, 65, 66, Output	K2171	.71
General Elec.	F70, 75, 77, 80, Output	K2172	.77
Majestic	70, 90—1st Audio	K2490	.95
Majestic	70, 90, 180—P.P. Input	K2109	.95
Philco	20, 220—P.P. Input	K1738	1.00
Philco	20, 220—P.P. Output (2-45's)	K1746	1.10
Philco	70, 270—Output	K1749	1.25
Philco	76, 77—P.P. Output (2-45's)	K1746	1.10
Philco	90, 90A (2-45's)—P.P. Output	K1746	1.10
Philco	95, 96, 296—P.P. Output (2-45's)	K1746	1.10
Philco	111, 112 (2-45's)—P.P. Output	K1746	1.10
RCA-Victor	140, 240, 340; Output	K5676	.85
RCA-Victor	M-34; Interstage	K5633	.75
RCA-Victor	R32, 52, RE45, RE75, Phono Input	K5683	1.85
RCA-Victor	R32, RE45, R52, RE-75—P.P. Input and Output assembly	K1965	1.85
RCA-Victor	80, 82, 86, R35, R39, RE57—P.P. Input and Output assembly	K1998	1.85
RCA-Victor	R50, R35, RE20, RAE59, RAE79—P.P. Input and Output assembly	K2001	1.90
RCA-Victor	16, 17, 18, 33, 41, 50, 51—Dual Audio	K2005	.75
RCA-Victor	R11, 18, 18A, 21, 26—P.P. Input	K1999	1.32
RCA-Victor	R7, R9—P.P. Input and Output	K1994	1.95
RCA-Victor	R7A—P.P. Input and Output	K2398	1.95
Sparton	589, 930, 931—P.P. Input	K281	1.18
Sparton	930, 931—P.P. Output	K276	.88
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	.59
Stromberg	68—Driver Input	K1814	.95

## CONDENSER BLOCKS



Name of Receiver and Model	Stock No.	Your Cost	Name of Receiver and Model	Stock No.	Your Cost
<b>ATWATER KENT</b>			<b>MAJESTIC—(Cont.)</b>		
37-38 condenser and choke assem.....	K1378	\$2.10	90 series, 9PB6 power unit.....	K1067	\$1.85
46, 47, 53 condenser unit.....	K1369	2.69	90-B and 100-B.....	K1065	1.50
55, 55C, 60, 60C.....	K1368	2.40	50, 52.....	K1063	2.45
<b>EVEREADY</b>			20 condenser and input transf.....	K1064	3.65
30, 40; 50 series.....	K1210	2.95	<b>RCA-VICTOR</b>		
<b>FADA</b>			Model R-15.....	K1021	2.40
42, 44, 46, 47, No. 1830X.....	K1199	2.98	42, 48.....	K1021	2.40
50, 70, 71, 72, 75, 77, 1492MS.....	K1197	2.98	R8, 10, 12, RE19.....	K534	3.95
Model 43.....	K1206	1.95	R50, R55, RAE59, RAE79.....	K531	2.70
<b>MAJESTIC</b>			R11-21, RE18-18A, RAE26.....	K1041	3.18
70 series, 7P6 power, early.....	K1071	1.70	<b>SPARTON</b>		
70 series, 7P6 power, late.....	K1070	1.70	Model 89-A.....	K976	3.70
80-180, 8PB6 power unit.....	K1069	2.90	69, 79, 79A, 89.....	K975	2.95
			Model 930.....	K973	2.25
			<b>STROMBERG-CARLSON</b>		
			641, 642, 652, 654.....	K916	3.50

NOTE: We can supply power and audio transformers and condenser blocks for all standard radios. Tell us name of maker and model number, and we will quote. We also specialize in repairing defective transformers or blocks—send old part for quote.

# Trutest POWER TRANSFORMERS

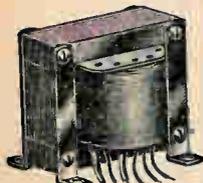
**SERVICE OVER 90% OF ALL STANDARD RECEIVERS**

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.

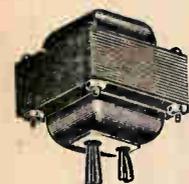
This is your assurance that Trutest transformers will live up to the claims made for them. To simplify installation, and to preclude any possibility of error in wiring, each unit is furnished with a schematic diagram showing terminal connections. All Trutest transformers have 105-115 volt, 50-60 cycle primaries. All filament secondaries are center-tapped. All employ insulation tested at 1500 volts.



(A) Flush - Type



(B) Universal



(C) Bottom Shell



(D) Compact



(E) Upright

Stock No.	M'tg Type	No. Tubes	Secondary Volts—M.A.	Rect. V.—A.	Fil. #1 V.—A.	Fil. #2 V.—A.	Mounting Area Ins.	Wt. lbs.	Your Cost
K5635	A	4-5	650CT-45	5-2	6.3-1.6	.....	3 x2½	4	\$0.73
K5636	A	5-6	650CT-45	5-2	6.3-2	.....	3 x2½	4	.86
K1518	A	6-7	700CT-50	5-2	6.3-2½	.....	3 x2½	4	1.03
K1519	A	7-10	750CT-100	5-3	6.3-3	2.5-4	3¾ x3½	8	1.58
K1520	A	8-12	750CT-110	5-3	6.3-4	2.5-5.5	3¾ x3½	9	1.98
K1521	A	4-5	650CT-45	5-2	2.5-3.75	.....	3 x2½	4	.71
K2431	A	5-6	680CT-50	5-2	2.5-7	.....	3 x2½	4	.86
K1492	A	6-8	700CT-70	5-2	2.5-8.75	.....	3¾ x3½	6	1.25
K1505	A	7-8	700CT-70	5-3	2.5-7	2.5-3	3¾ x3½	8	1.50
K1507	A	8-10	700CT-90	5-3	2.5-10.5	2.5-3.5	3¾ x3½	8	1.65
K1509	A	10-13	700CT-110	5-3	2.5-15½	2.5-3.5	4½ x3¾	9	1.85
K1504	B	5-7	700CT-70	5-2	2.5-8.75	.....	3¾ x3 x3¾	6	1.45
K1506	B	6-8	700CT-70	5-3	2.5-7	2.5-3.5	3¾ x2½ x3¼	8	1.45
K1508	B	8-10	700CT-90	5-3	2.5-10½	2.5-3.5	3¾ x3¾ x3¼	8	1.89
K1510	B	10-13	700CT-110	5-3	2.5-15½	2.5-3.5	4½ x3¾ x4	9	2.25
K1459	C	5-7	725CT-65	5-3	2.5-5½	2.5-2	2½ x3¾ x3¾	5	1.29
K1451	C	6-8	725CT-80	5-3	2.5-7	2.5-3	3¾ x3¾ x3¾	5	1.49
K1452	C	8-10	770CT-100	5-3	2.5-10½	2.5-3	3¾ x3¾ x3½	7	1.85
K5492	C	4-7	650CT-60	5-2	6.3-3	.....	3¾ x2½ x3	4	1.10
K5493	C	6-8	650CT-70	5-3	6.3-3	.....	3¾ x2½ x3	8	1.29
K1454	D	5-6	650CT-50	5-2	2.5-7	.....	2½ x3¾ x3¼	3	1.18
K1455	D	6-7	680CT-70	5-2	2.5-9	.....	2½ x3¾ x3¼	3½	1.35
K1456	D	4-5	650CT-40	5-2	6.3-2	.....	2½ x2½ x3¼	3	.97
K1457	D	5-6	650CT-50	5-2	6.3-2.5	.....	2½ x3¾ x3¼	3	1.18
K1458	D	6-7	680CT-70	5-2	6.3-2.5	.....	2½ x3¾ x3¼	3½	1.35
K1459	D	8-10	700CT-90	5-2	6.3-3	.....	3¾ x3¾ x4	4½	1.65
K1460	D	10-13	700CT-120	5-3	6.3-6	.....	3¾ x3¾ x4	5½	1.85
K1461	D	10-15	750CT-150	5-4	6.3-5	.....	3¾ x3¾ x4½	7½	2.35
K1956	E	6-7	750CT-70	5-2	2.5-5½	2.5-3.5	3½ x3¾	7	2.28
K1958	E	7-8	750CT-75	5-2	2.5-7	2.5-3.5	3½ x3¾	7	2.28
K1953	E	9-10	750CT-90	5-2	2.5-10½	2.5-3.5	3½ x3¾	8	2.28
K1963	E	11-12	750CT-110	5-2	2.5-14	2.5-3.5	3½ x3¾	8	2.28

## Special Value!

### 4-5 Tube Transformer

Here's a real low price on a fully shielded (top and bottom shells) transformer for 6.3 volt tubes. Provided with insulated leads. High voltage secondary delivers 650 volts c.t. at 40 ma.; 5 volts at 2 amps. (rect.) and 6.3 volts at 1.6 amps. (heaters). Mounting area 2½x2". Shpg. wt. 4 lbs.



**85¢**

K1941—Each

## Fully Shielded Transformers for New Type

### Sets Using PM Speakers

Deliver lower plate voltage than required by sets using field coil speakers. Fully shielded, upright mtg., with leads. Primaries for 110 volts 60 cycles a.c. only.

**K1938**—High volt. sec.: 240-0-240 volts at 40 ma.; 5 volts at 2 amps.; 6.3 volts c.t. at 1.6 amps. 2½x-2½x3¾". Wt. 3 lbs.

**Your Cost Each**..... **96¢**

**K1939**—High volt. sec.: 260-0-260 volts at 60 ma.; 5 volts at 2 amps.; 6.3 volts c.t. at 2 amps. 2½x2½x3¾". Shpg. wt. 4 lbs.

**Your Cost Each**..... **\$1.10**

**K1940**—High volt. sec.: 275-0-275 volts at 80 ma.; 5 volts at 2 amps.; 6.3 volts c.t. at 2½ amps. 2½x3¾x3¾". Shpg. wt. 5 lbs.

**Your Cost**..... **\$1.32**



## Transformer for Sets

### With PM Speakers

For new type midgets with PM speakers. Half shell mtg., with lug terminals. Primary for 115 volts 60 cycles. Secondaries: 480 volts c.t. at 40 ma.; 5 volts at 2 amps. (rect.) and 6.3 volts at 1.6 amps. (heaters). Mtg. area 2½x3". With diagram. Shpg. wt. 3 lbs.



**K1473**—Each..... **73¢**



**THORDARSON**  
ELECTRIC MFG. CO.

## General Purpose Power Transformers For Amplifiers And Receivers



### 2.5 Volt (10 to 15 Tubes)

T56R05—700 volts ct. at 110 ma.; 2.5 v. ct. at 9 amps.; 2.5 v. ct. at 3 amps.; 2.5 v. ct. at 3 amps.; 5 v. at 3 amps. 4¾x3¾x4¾". **\$3.53**

**K264**—Your Cost..... **\$3.82**

### For Class "B" Receivers

T69R35—775 volts ct. at 200 ma.; 6.3 volts ct. at 3 amps.; 5 volts at 3 amps. 4¾x3¾x4¾". **\$5.00**

**K511**—Your Cost..... **\$7.35**

### For Hi-Power Amp.

T17R31—860 volts ct. at 325 ma.; 6.3 volts at 8 amps.; 5 volts at 6 a. 3¾x5½x5". **\$7.35**

**K522**—Your Cost..... **\$7.35**

### 6.3 Volts (4 or 5 Tubes)

T70R78—680 volts ct. at 55 ma.; 6.3 volts ct. at 1.5 amps.; 5 volts at 2 amps. 3¾x2½x4¾". **\$1.90**

**K514**—Your Cost..... **\$2.35**

### 6.3 Volts (7 to 8 Tubes)

T70R61—770 volts ct. at 70 ma.; 6.3 volts ct. at 2.5 amps.; 5 volts at 2 amps. 4¾x3¾x4". **\$2.35**

**K321**—Your Cost..... **\$4.41**

### 6.3 and 2.5 Volts (11 Tubes)

T75R50—870 v. ct. at 250 ma. (bias tap 80 v.); 6.3 v. ct. at 1.5 amps.; 2.5 v. ct. at 10 amps.; 2.5 v. at 3 amps.; 5 v. at 3 amps. 3¾x4¾x4¾". **\$4.41**

**K516**—Your Cost..... **\$4.41**

**K461**—Thordarson Transf. Encyclopedia and Service Guide. Just ask for it on your next order. FREE, with order.

## Step Down Transformers

### 220 Volts A.C. to 110 Volts A.C.

Fully shielded. Supplied with 6-ft. heavy lamp cord for 220 volt line, and flush receptacle for 110 volt side.

No.	Watts	Size	Shpg. Wt.	Each
K1969	80	3½x4x5½"	6 lbs.	\$2.05
K1968	160	3½x4x5½"	9 lbs.	2.80
K1422	250	3½x4x5½"	10 lbs.	3.75
K1426	500	3¾x5x4¾"	13 lbs.	4.95



## Universal Step Down Transformers

Like above but input is tapped for 160/180/200/220/240/260 volts a.c.; desired tap selected by means of a switch on the housing. Output 115 volts a.c. With 6-ft. line cord.

**100 Watts.** 4¾x3¾x3¾" high. Shpg. wt. 5 lbs. **K1970**—Each..... **\$2.95**

**250 Watts.** 4¾x3¾x4¾" high. Shpg. wt. 8 lbs. **K1971**—Each..... **\$3.75**

## Line Regulating Auto Transformer

Corrects abnormal line voltage conditions. The switch on the unit permits maintaining output at 115 volts even though line may vary between 95 and 130 volts. Input tapped in 5-volt steps from 95 to 130 volts. Maximum capacity 2 amps. In black metal housing with 6-ft. line cord and output receptacle. 4¾x2½x3¾" high. **K1972**—Shpg. wt. 5 lbs. **\$2.95**



**Each**..... **\$2.06**

**Auto transformer only:** Like above, less case, switch, line cord and socket. For mounting in equipment. Ideal for service testing. **K1973**—Shpg. wt. 5 lbs. **\$2.06**

**Each**..... **\$2.06**

# THORDARSON Replacement AUDIO TRANSFORMERS



2C



2D



2B, 2E



2F



2G



3B, 3E

## Plate-To-Grid Transformers

High quality units, all designed to match a 10,000 ohm plate (56, 76, 37, 27, 65, 85, 77, etc.) to a single class A grid delivering not more than 15 watts.

Stock No.	Thord. No.	Turns Ratio	Dimensions W. D. H.	Mtg. Type	Wt. Lbs.	Your Cost
K599	T-13A34	3:1	2 1/4 x 1 1/2 x 1 1/2	3B	3/4	\$0.79
K265	T-29A99	3:1	2 1/2 x 2 x 2 3/8	2B	1 1/4	1.03
K266	T-57A36	3:1	2 1/2 x 2 1/2 x 2 3/8	2C	1 1/2	1.18
K213	T-47A25	3:1	2 x 1 1/2 x 2 3/8	2F	1	1.03
K268	T-57A38	3:1	3 3/8 x 2 1/2 x 3	2F	2 1/4	1.62
K211	T-75A74*	2:1	2 3/4 x 2 1/2 x 2 3/8	2F	1 1/2	1.47

\*—Has static shield between primary and secondary.

## Push-Pull Input Transformers

Single plate (10,000 ohms) to push-pull grids. Stock No. K301 may also be used as a tapped PP grid impedance with ratios of 1:1, 1:2, or 1:4.

Stock No.	Thord. No.	Turns Ratio	Dimensions W. D. H.	Mtg. Type	Wt. Lbs.	Your Cost
K532	T-14A92	3:1	2 3/8 x 1 3/8 x 1 3/8	3B	3/8	\$0.73
K1600	T-13A35	3:1	2 1/4 x 1 1/2 x 1 1/2	3B	3/4	.88
K281	T-33A91	3:1	2 7/8 x 2 x 2 3/8	2B	1 1/4	1.18
K237	T-86A03	3:1	3 1/8 x 2 x 2	2B	1 1/4	1.18
K216	T-14A29	3:1	2 x 1 1/2 x 2 3/8	2C	1 1/2	1.32
K282	T-57A39	3:1	2 3/4 x 2 1/2 x 2 3/8	2F	1 3/4	1.32
K283	T-57A40	3:1	3 3/8 x 2 1/2 x 3	2B	2	1.62
K284	T-57A41	3:1	3 3/8 x 2 1/2 x 3	2F	2 1/4	1.76
K301	T-74A31	1:1	3 3/8 x 2 1/2 x 3	2F	2 1/4	1.76
K601*	T-13A36	1:1	3 x 1 1/2 x 2	3B	1	1.18
K272*	T-58A70	1.5:1	3 3/8 x 2 1/2 x 3	2F	2 1/4	1.90

\*—Indicates P.P. Plates (10,000 ohms ea.) to P.P. Grids.

## Filtering Chokes

For receivers, amplifiers and transmitter application. All inductance ratings shown are with full rated current flowing through the winding.

Stock No.	Thord. No.	Mount. Type	Induct. H's.	Rated Ma.	Res. Ohms	Wt. Lbs.	Your Cost
K604	T-13C26	3B	8	40	530	1 1/2	\$0.53
K605	T-13C27	3B	10	40	475	3/4	.65
K606	T-13C28	3B	10	65	460	1	.71
K241	T-43C92	2C	10	75	260	1 1/4	.97
K252	T-47C07	3B	12	75	410	1 1/4	.97
K254	T-44C02	3B	12	80	405	1 1/4	.88
K287	T-57C51	2B	6	80	138	1 1/4	.88
K607	T-13C29	3B	9	85	250	1 1/2	.94
K334	T-68C07	2B	15	85	375	2	1.18
K289	T-57C53	2B	10	110	200	2 1/4	1.18
K290	T-57C54	2F	10	110	200	2 1/4	1.32
K335	T-75C49	3B	8	120	290	1 1/4	.88
K269	T-17C00-B	2F	12	150	231	3 3/4	1.62
K608	T-13C30	2B	8	150	200	2 1/4	1.18
K336	T-74C29	2G	15	150	200	5 1/4	2.20
K310	T-67C49	2F	5	200	80	3 3/4	1.62
K366	T-75C51	2G	13	250	121	8	2.94

## AC-DC Filter Chokes

Small but highly efficient filtering chokes for AC-DC receivers, inter-comunicators, etc. All are 2 1/4 x 1 1/2 x 1 1/2" high.

Stock No.	Thord. No.	Mount. Type	Induct. H's.	Rated Ma.	Res. Ohms	Wt. Lbs.	Your Cost
K487	T-14C61	3B	7	55	200	3/4	\$0.59
K488	T-14C62	3B	8	55	250	3/4	.59
K489	T-14C63	3B	8	55	300	3/4	.59
K490	T-14C64	3B	10	55	350	3/4	.59

## Low Imp. Source To Single or P.P. Grid

Stock No.	Thord. No.	Application	Impedance Pri.	Ohms Sec.	Mtg. Fig.	Wt. Lbs.	Your Cost
K375	T-65A73	DB mike to grid	200	100,000	2F	2	\$1.62
K102	T-83A78	S.B. mike to grids	100	*400,000	2F	1 1/4	1.18
K405	T-86A02	S.B. mike to grid	100	*400,000	2B	1	1.03
K377	T-72A59	Plate and S.B. Mike to grid	5000	100,000	2B	3/4	.97
K428	T-83D21	Line to P.P. grids 6L6's or 50's (AB)	500	5100, 12,500	2F	2 1/4	2.06

\*Center tapped secondary.

## Output Transformers

Stock No.	Thord. No.	Class Oper. §	Ohms Impedance Pri.	Sec.	Max. Watts	Mtg. Fig.	Your Cost
K455	T-14S81	S or P-P; A	7000 Ct.—3 to 6		5	3B	\$0.73
K536	T-14S83	S or P-P; A	25,000 Ct.—3 to 6		5	3B	.73
K537	T-14S84	S; A	8000—3 to 6		5	3B	.73
K602	T-13S37	S; A	7000—1-2-4		5	3E	.73
K376	T-13S39	S; A	4000—1-2-4		5	3E	.73
K276	T-33S99	P.P.; A	8000 Ct.—6 to 12		10	2B	.88
K386	T-13S40	P.P.; A	14,000 Ct.—1-2-4		10	3E	.88
K387	T-81S01	P.P.; B	10,000 Ct.—2-4-8		8	2B	.88
K388	T-17S10	S; A	2500—2-4-8-500		8	2F	1.76
K390	T-17S11	P.P.; AB <sub>1</sub>	8000*—4-8-15-250-500		15	2F	2.65
K391	T-17S12	P.P.; AB <sub>1</sub>	4300*—4-8-15-250-500		25	2F	2.65
K392	T-17S13	P.P.; AB <sub>1</sub>	6600*—4-8-15-250-500		34	2G	3.53
K393	T-17S14	P.P.; AB <sub>2</sub>	5500*—4-8-15-250-500		40	2G	3.53
K471	T-17S15	P.P.P.; AB <sub>1</sub>	3300*—4-8-15-250-500		60	2G	3.82
K327	T-67S51	P.P.; A	14,000—4-8-15-500		20	2F	2.06
K329	T-67S48	P.P.; A&B	8000—4-8-15-500		25	2F	2.06
K273	T-58S72	P.P.; A&AB	3000—4-8-15-500		30	2F	2.20
K326	T-67S54	P.P.; A&AB	5000—4-8-15-500		30	2F	2.35
K331	T-67S92	P.P. Par. A and AB	1500—4-8-15-500		40	2F	2.35
K328	T-65S94	P.P.; A, AB <sub>2</sub>	8000—4-8-15-500		40	2F	2.35
K330	T-75S75	P.P.; A, AB <sub>2</sub> &B	10,000—4-8-15-500		40	2F	2.35
K507	T-84S58	P.P.; AB <sub>2</sub>	3800—4-8-15-500		60	2G	3.53
K364	T-89S75	P.P.; AB <sub>1</sub>	6600—4-8-15-500		40	2F	2.35

\*—10% feedback winding. †—Single, Push-Pull or P.P. Parallel specified as well as Class of Operation.

## Universal Output Transformers

Stock No.	Thord. No.	Class	Ohms/1000	Adjust.	Max. Watts	Mtg. Fig.	Your Cost
K603	T-13S38	Sin.	4000/7000	Adjust.	8	3E	\$0.88
K278	T-57S01	or P.P.;	8000/10,000	1 to 29	8	2E	1.18
K474	T-57S02	Cl. A		29	8	2B	1.18
K275	T-17S57		14,000 Ct.		8	2C	1.32
K354	T-13S42	S; A	1500/2000 4000/5000 7000	Adjust. .1 to 29	10	3E	.88
K355	T-13S41	P.P.; A	3000/5000 6600/7000 8000/10,000	Adjust. .1 to 29	20	2E	1.62

## Universal Tube To Line

Stock No.	Thord. No.	Univ. Single Univ. P.P.	2500/4000 5000/8000/7000 8000/10,000 12,000/14,000 c.t.	500	10	2E	Your Cost
K297	T-61S25	Univ. Single	2500/4000	500	10	2E	\$1.91
K298	T-61S26	Univ. P.P.	5000/8000/7000 8000/10,000 12,000/14,000 c.t.	500	10	2E	2.06

## Universal Line To Speaker

Stock No.	Thord. No.	L. to V.C. to 500 ohm L.	V.C.'s to 2500/3000 ohm pri. as 1000 ohm.-12 to 16	500/250 500/1000 1500/2000 2500/3000	4-8-15 Pri. as 500 ohm .06 to 8 pri. as 1000 ohm.-12 to 16	35	2D	Your Cost
K299	T-58S81	L. to V.C.	500/250	500/250	4-8-15	35	2D	\$2.35
K506	T-60S48	L. to V.C. to 500 ohm L.	500/1000 1500/2000 2500/3000	500	4-8-15 Pri. as 500 ohm .06 to 8 pri. as 1000 ohm.-12 to 16	10	2E	1.76
K453	T-14S80	L. to V.C.	500—2-4-8-8			12	2E	1.18
K454	T-76S74	L. to Multiple spkrs.	500—250/166/125/ 100/84 (auto transf.)			30	2E	1.76

## Audio Rectors

Stock No.	Thord. No.	Induct. H's	Max. Ma.	D. C. Ohms	Mtg. Type	Shpg. wt. lbs.	Your Cost
K317	T-67C46*	300	5	6470	2B	2	\$1.03
K5497	T-29C27*	700	5	6150	2B	1	.88
K333	T-18C92*	22	35	405	3B	2	1.88
K318	T-81C15 †	75	5	30	2B	1	1.47
K320	T-93C20 †	250	5	6400	2B	2	1.76
K332	T-74C30	42	15	2100	2B	1	.88
K302	T-14C70	22	0	220	††	1	1.47

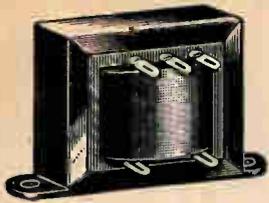
\*—Indicates Plate Impedance. †—Indicates Tuned Audio Circuit, to accentuate a pre-determined band of frequencies. ††—Round can, 2 1/2" h., 1 1/2" o.d.

## Driver Transformers

No.	Type	Mtg.	Input Tubes	Output Tubes	Class	Each
K308	T-67D78	2F	1-46, 59, 6F6, 42, 2A5 Triode	2-46, 59 2-6L6	B AB2	\$1.76
K338	T-74D32	2F	2-6C5, 76, 56	2-6F6, 42, 2A5, 4-2A3, 6B4G	AB AB	1.91
K316	T-78D46	2B	1-30	1-1J6G, 19, 2-30	B	.88
K322	T-54D63	2F	1-30, 1-49, 1-6C5	1-1J6G, 1-19 2-49, 2-6V6	B AB2	1.32
K340	T-81D42	2F	1-6F6, 42, 2A5 Triodes	2-6F6, 42, 2A5 Triodes or Pts.	AB	1.91
K508	T-84D59	2F	2-6C5, 6N7	2-6L6, 6V6	AB2	1.91
K457	T-17D01	3B	2-6A6, 53	2-6N7, 6A6, 53	B	1.91
K458	T-14D93	3B	6F6, 42, 2A5 Tr.	2-6F6, 6L6	AB	1.18
			1-76 Triode	1-6A6, 6N7	B	1.03

We are listing on this page only the most popular numbers in the complete Thordarson audio line. See pages 131, 137 for power transformers. We can, however, supply any unit made by Thordarson at the Dealer Prices.

# Truest ALL PURPOSE Audio Components



## Truest Standard Replacement Audio and Output Transformers

This line of Truest audio components is exceptionally complete. They are not to be confused with inferior types which are built to a price rather than a quality standard. All Truest audio transformers are constructed using a high grade of silicon steel for core material. Coils are wound with unalloyed copper wire of the proper gauge for each particular application. Insulation is tested at 1250 volts a.c. Average size of units is 3 1/4" long, 2" high, 1 1/4" deep; mounting centers 2 1/4". Average shpg. wt. 3 lbs.

## Truest Small Audio and Output X'formers



Extremely compact yet highly efficient transformers particularly suited for use in auto radios and compact a.c.-d.c. sets. Can also be used in any type receiver or amplifier. Unshielded strap mounting with rust resisting frame.

Average shipping weight 1 lb.

### AUDIO TRANSFORMERS

Dimensions of both: 2 1/4 x 1 1/2 x 1 1/2". Mounting centers: 2 1/4".

**K1619**—Interstage audio. Ratio 3 1/2:1.  
**K1620**—Push-pull input. Ratio 1 1/2:1.  
 Either Type  
**Your Cost Each**..... **49¢**

### OUTPUT TRANSFORMERS

All to 5-15 ohm voice coil. Mtg. ctrs. 2 1/4".  
**K1607**—Single 43, 6A5, 45, 25A6, 2A3, etc. Dim.: 2 1/4 x 1 1/2 x 1 1/2".  
**K1609**—Single 6A4, 6F6, 6N6, 42, 2A5, etc. Dim.: 2 1/4 x 1 1/2 x 1 1/2".  
**K1614**—Push-pull 43, 6A5, 45, 25A6, 2A3, etc. Dim.: 2 1/4 x 1 1/2 x 1 1/2 x 2 1/2".  
**K1615**—Push-pull 6A4, 6F6, 6N6, 42, 2A5, etc. Dim.: 2 1/4 x 1 1/2 x 1 1/2".  
 Your Cost, Any Type Above..... **49¢**

### MIDGET OUTPUT X'FORMERS

Smaller than the above—2 3/4 x 1 3/4 x 1 1/4". Mtg. centers 2 1/4". For the compact midget sets. Output windings tapped 2 to 10 ohms.  
**K1610**—Pri. 2000 ohms for 25B6G, 25L6, etc.  
**K1611**—Pri. 4000 ohms for 25A6, 43, 45, etc.  
**K1612**—Pri. 7000 ohms for 42, 59, 6F6, 47, 2A5, etc.  
**K1613**—Pri. 10,000 ohms for 6G6G, 6K6G, 41, etc.  
 Your Cost Each, Any Type Above..... **45¢**

## Lafayette

### Class "A" P.P. Input

Top-quality for Class A amplifiers. Has split secondary for individual biasing of tubes. Ratio—2:1 each side. 2 1/2" L., 3" W., 3" H. Mtg. centers 1 3/4 x 2 1/4". Shpg. wt. 4 lbs.  
**K2570**—Your Cost Each..... **\$2.50**



### 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. **67¢**  
**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. **67¢**  
**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. (4 1/2 x 2 1/2 x 2 1/2"). **\$1.79**  
**Your Cost**.....

### Microphone and Line

**K5448**—Single or double button mike to grid, 200 ohms each side of center tap. **82¢**  
**Your Cost**.....  
**K1574**—Single plate like 56, 27, 6C5, etc., to 500, 200 or 50 ohm line.  
**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**.....

### Universal Output X'former

Accurately matches practically any speaker voice coil to any single or push-pull output tubes either triode or pentode in either class A or B. Can also be used to match magnetic speakers. Has a very cleverly designed universal mounting bracket that permits mounting the transformer in almost every conceivable position. Provides for mounting centers from 1/4" to 2". Overall dimensions: 1 1/4 x 1 1/4 x 3 1/4". Shpg. wt. 1 lb.  
**K1708**  
**Your Cost**..... **69¢**



### Universal Audio X'formers

Universal mounting. Same size as the above transformer but for input and interstage use in receivers and amplifiers.  
**K1709**—Single plate to single grid—3:1.  
**K1710**—Single plate to p.p. grids—2:1.  
**Your Cost, Either Type**..... **69¢**

### 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. **71¢**  
**Your Cost**.....  
**K1552**—Push-pull Inter-stage, between 2 plates and 2 grids. Ratio 1.75:1. **71¢**  
**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.  
**Your Cost**..... **\$1.45**

### R.C.A. 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 cps. 2 1/4 x 2 1/4 x 2". Baked varnish insulation. Lug terminals. Wt. 3 lbs.  
**K5536**—**\$1.18**  
**Your Cost**.....  
 Same as above but shielded in cadmium plated case with i akelite terminal board.  
**K5537**—Your Cost... **\$1.39**



### 2-Button Mike Trans.

Has a turn ratio of 1:45. Impedance ratio 1:2000. Flat response curve from 30 to 7000 c.p.s. 3 1/2 x 2 1/4 x 3 1/4".  
**K1529**—**95¢**  
**Each**.....

### P. P. Inputs

Fully shielded, lug terminals on bottom. High grade core material. Turns ratio 3:1. Size: 2 x 2 1/2 x 2 1/4". Shpg. wt. 2 lbs.  
**K1912**—**73¢**  
**Your Cost**.....  
 Similar to the above, but terminals on sides. 2 1/2 x 2 1/2 x 2 1/2".  
**K5485**—Your Cost..... **85¢**



## Servicemans Special

### P.P. Input Transformer

A type of transformer that you are called upon to replace more often than any other. A real high quality unit. Ratio 3:1. High voltage insulation. 3 x 2 1/2 x 2 1/2". Shpg. wt. 2 lbs.  
**K1843**—Your Cost Each..... **45¢**

### Strap Mounting Universal Outputs

**Small: 3 1/2 to 6" Speakers**  
**Medium: 6 to 8" Speakers**  
**Large: 8 to 12" Speakers**

A series of strap mounting Universal Output Transformers that will match practically any single or push-pull output tubes to any standard voice coil. Each unit has been especially designed to obtain the utmost in performance from the speaker size for which it is intended. Complete instructions furnished with each transformer.

Stock No.	Size	Overall Dimensions (Less Ears) in Inches	Spacing of Mtg. Holes	Your Cost
<b>K19273</b>	Small	1 1/2 H. x 1 1/4 L. x 1 1/2 W.	2"	40¢
<b>K15667</b>	Medium	1 3/4 H. x 1 1/2 L. x 1 1/2 W.	2 3/8"	49¢
<b>K1535</b>	Large	1 3/4 H. x 2 3/8 L. x 1 3/4 W.	2 1/8"	59¢

**Universal Line To Speaker Transformer**  
 Strap mounting similar to above types. Matches 2000, 1500, 1000, or 500 ohm line to 6 to 8 ohm voice coil. Dimensions: 2" high, 2 3/8" long (less ears), 1 1/2" wide. Mounting centers 2 1/8". Wt. 2 lbs.  
**K1536**—Your Cost..... **69¢**

### 30 Watt Universal Output

Universal heavy duty output. Weighs 2 1/4 lbs. Matches P.P. tubes. Primary impedances: 8000 to 10,000 ohms, Secondary: 1 to 30 ohms. 3 x 2 1/2 x 2 1/2"; centers 3 1/2".  
**K1537**—Your Cost... **\$1.35**



### Universal Line To Voice Coil Transformer

1 to 6 speakers can be matched to a 500 ohm line, using one unit on each speaker. Matches any voice coil and reflects prim. impedances of 500/1000/1500/2000/2500/3000 ohms. Centers 3 1/2".  
**K1538**—Your Cost... **\$1.35**



### Jefferson Audios Universal Outputs

Primary and secondary tapped to match all types of output tubes to any voice coil. 2 3/4 x 2 1/4 x 2". Instructions furnished. Shpg. wt. 2 lbs.  
**K5432**—Each..... **\$1.18**  
 Same as above, but with oversized core. 2 3/4 x 2 1/4 x 2".  
**K5433**—Your Cost... **\$1.32**



### Universal Inputs

For use as straight audio, p.p. input or double p.p. input. 2 3/4 x 2 1/4 x 2". Shpg. wt. 2 lbs.  
**K5434**—Your Cost... **\$1.18**  
 Same as above, but with oversized core. 2 3/4 x 2 1/4 x 2 1/2".  
**K5435**—Your Cost... **\$1.32**

### Speaker To Line X'former Handles Up to 40 Watts!

A husky transformer especially designed for public address work and high quality radio installations. Voice coil impedances: 1/2, 3/4, 1, 1 1/2, 2, 2 1/2, 4, 6, 8, 10 and 15 ohms. Line impedances: 50, 250 and 500 ohms. Excellent frequency characteristics. Size: 3" L. x 2 3/8" H., 2 1/8" D. Shpg. wt. 7 lbs.  
**K1565**—Your Cost... **\$2.45**





# Miscellaneous Audio Components



## TRUTEST Strap Mtg. Filter Chokes



Accurately rated. With leads. Current rating is maximum d.c. Offered at exceptionally low prices.

- K1557**—25 Henrys, 25 ma., 830 ohms.  $1\frac{3}{8} \times 2 \times 3\frac{3}{8}$ " ; centers  $2\frac{1}{4}$ " .  
**Your Cost Each** ..... **68c**
- K1558**—11 Henrys, 60 ma., 300 ohms.  $1\frac{3}{8} \times 2\frac{1}{4} \times 2\frac{1}{4}$ " ; centers  $2\frac{3}{8}$ " .  
**Your Cost Each** ..... **65c**
- K1570**—30 Henrys, 125 ma., 200 ohms.  $2\frac{1}{8} \times 2\frac{3}{8} \times 4$ " ; centers  $3\frac{1}{8}$ " .  
**Your Cost Each** ..... **85c**

## A.C.-D.C. Filter Chokes

- K1601**—10 Henrys, 50 ma., 200 ohms.  $1\frac{3}{8} \times 1\frac{1}{2} \times 2\frac{3}{8}$ " ; centers  $2\frac{1}{8}$ " .
- K1602**—11 Henrys, 65 ma., 250 ohms.  $1\frac{3}{8} \times 1\frac{1}{2} \times 2\frac{3}{8}$ " ; centers  $2\frac{1}{8}$ " .
- K1603**—13 Henrys, 50 ma., 350 ohms.  $1\frac{3}{8} \times 1\frac{1}{2} \times 2\frac{3}{8}$ " ; centers  $2\frac{1}{8}$ " .
- K1604**—20 Henrys, 35 ma., 500 ohms.  $1\frac{3}{8} \times 1\frac{1}{2} \times 2\frac{3}{8}$ " ; centers  $2\frac{1}{8}$ " .  
**Your Cost Each, Any Above Type** ..... **29c**

## Field Exciter Transformers



Have primary, high voltage and rectifier filament windings. Primaries for 105-120 volts at 50-60 cycles a.c. Study construction.

Average size:  $3 \times 2\frac{1}{2} \times 2$  inches. Slotted mounting holes to fit any space easily.

- K2291**—Delivers 260 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**



## Exciter Lamp Transformer

Supplies exciter lamp current for 8-volt lamps at 4 amps., or for 10-volt lamps at 7.5 amps. Tapped secondary permits instant changeover.

- $3\frac{1}{2} \times 3\frac{1}{2} \times 3$ " . Shpg. wt. 5 lbs.  
**K2199**—Each ..... **\$2.45**

## WESTON 767 "Filatrol"



For modernizing tube checkers. Permits checking high filament voltage type tubes (35 to 117 volts). Can only be used on obsolete checkers where filaments are wired in parallel.

- One lead from Filatrol plugs into 4-prong socket on tester, other into 110 volt, 60 cycles a.c. outlet. Shpg. wt. 4 lbs.  
**K21698**—Your Cost ..... **\$4.95**

## Bell Ringing Transformer

Primary 110 volts a.c. Secondary 6-8 volts. Wire leads on primary, posts on secondary.  
**K13245**—Each ..... **46c**  
 5 For ..... **\$2.05**



## SERVICEMANS SPECIAL

### Midget A.C.-D.C. Chokes



Similar to those used by manufacturers of the better midget sets. Extra profits for you at this low price. 15 Henrys, 50 ma. maximum d.c. Overall size:  $1\frac{1}{2} \times 1\frac{1}{2} \times 2\frac{1}{4}$ " ; centers 2" . Shpg. wt. 1 lb.  
**K1605**—200 ohms d.c. resistance. .... **21c**  
**K1606**—400 ohms d.c. resistance. .... **10 For \$1.96** ea.

### 30 Henry Choke



Popular strap mtg. type. High grade core. 30 Henrys, 125 ma. max. d.c., 200 ohms.  $2\frac{1}{8} \times 2\frac{1}{8} \times 4$ " ; centers  $3\frac{1}{8}$ " .  
**K1570** ..... **85c**  
**Your Cost Each** ..... **98c**

### 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.).  $3 \times 3\frac{3}{8}$ " . Shpg. wt. 3 lbs.  
**K5638** ..... **98c**  
**Your Cost Each** ..... **98c**

### THORDARSON Tone Control Choke



No. T-14C70. High impedance. 22 Henrys at zero current. Max. d.c. 5 ma. Can  $2\frac{1}{2} \times 1\frac{1}{2}$ " dia. Mtg. lugs; leads. Wt. 1 lb.  
**K302**—Ea. .... **\$1.47**  
**Your Cost Each** ..... **42c**

### 30 Henry Filter Chokes



30H., 50ma. max. d.c., resistance 450 ohms.  $2\frac{1}{2} \times 1\frac{1}{2} \times 2\frac{1}{2}$ " . Shpg. wt. 3 lbs.  
**K246** ..... **42c**  
**Your Cost Each** ..... **42c**

## TRUTEST Filament Transformers



Latest type fully shielded transformers for upright mounting. Primaries for 110 volts, 60 cycles a.c. only. 2000 volt insulation. Finished in attractive black ripple lacquer. All are  $2\frac{1}{4}$ " wide,  $3\frac{3}{4}$ " high and  $2\frac{3}{8}$ " deep. Long insulated connecting leads. With diagrams. Shpg. wt. each 2 lbs.

- | No.                   | Secondary    | Each       |
|-----------------------|--------------|------------|
| <b>K1468</b>          | 2.5 V.—10 A. | <b>79c</b> |
| <b>K1469</b>          | 5.0 V.—5 A.  |            |
| <b>K1470</b>          | 6.3 V.—4 A.  |            |
| <b>K1471</b>          | 7.5 V.—3.3A. |            |
| <b>K1472*</b>         | 2.5 V.—10 A. |            |
| *—5000 v. insulation. |              |            |

## TRUTEST Strap Mtg. Filament Transformers



High grade strap mtg. units with leads. All secondaries are center tapped. Primaries for 110 volts, 60 cycles a.c. only. Approximate size: 2" high, 2" deep,  $3\frac{1}{4}$ " wide. Shpg. wt. 2 lbs.

- | Stock No.    | Filament Volts | Amps. | Your Cost     |
|--------------|----------------|-------|---------------|
| <b>K2388</b> | 2.5            | 5.25  | <b>\$0.65</b> |
| <b>K2443</b> | 2.5            | 5.25  | <b>1.19</b>   |
| <b>K2387</b> | 2.5            | 10.5  | <b>.78</b>    |
| <b>K2441</b> | 5.0            | 4.0   | <b>.85</b>    |
| <b>K5495</b> | 6.3            | 3.0   | <b>.85</b>    |
| <b>K5496</b> | 7.5            | 3.5   | <b>1.10</b>   |

## Midget Filament Transformers



- Strap mtg., with leads. All  $2\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{3}{4}$ " ; centers  $2\frac{3}{8}$ " . All primaries for 115 volts, 60 cycles a.c. only. Shpg. wt. 1 lb.
- | No.          | Volts | Amps. | Each       |
|--------------|-------|-------|------------|
| <b>K1942</b> | 5     | 1.5   | <b>57c</b> |
| <b>K1943</b> | 6.3   | 1.35  |            |
| <b>K1944</b> | 2.5   | 3.0   |            |
| <b>K1944</b> | 2.5   | 3.0   |            |

## TRUTEST X'mitting Filament Transformers



All have 115 V. 50/60 cycles a.c. primaries and 2500 V. insulation except K5512 which has 5000 V. insulation. All are  $3\frac{3}{8} \times 2\frac{3}{8} \times 3\frac{3}{8}$ " . Lug terminals, mounting feet. Average shpg. wt. 3 lbs.

- | Stock No.    | Windings  | Each          |
|--------------|---|---------------|
| <b>K2547</b> | 10 V. CT @ $6\frac{1}{2}$ A.                        | <b>\$1.75</b> |
| <b>K2549</b> | $2\frac{1}{2}$ V. CT @ 5 A.(2), 5 V. CT @ 3 A. .... | <b>1.75</b>   |
| <b>K2033</b> | 3 sec.; $7\frac{1}{2}$ V. @ 3 A. ....               | <b>1.75</b>   |
| <b>K5508</b> | $2\frac{1}{2}$ V. CT @ 20 A. ....                   | <b>1.50</b>   |
| <b>K5509</b> | $7\frac{1}{2}$ V. CT @ $6\frac{1}{2}$ A. ....       | <b>1.75</b>   |
| <b>K5511</b> | 6.3 V. CT @ 5 A., 5 V. CT @ 6 A. ....               | <b>2.00</b>   |
| <b>K5512</b> | $2\frac{1}{2}$ V. CT @ 12 A. ....                   | <b>1.75</b>   |
| <b>K5513</b> | 5 V. CT @ 3 A. (2), 5 V. CT @ 6 A. ....             | <b>1.75</b>   |

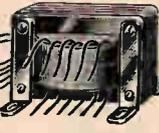
## SPECIAL VALUE!

### 2.5 Volt Filament Transformer



Semi-open strap mounting type with leads. 2.5 volts at 3.5 amps. Suitable for small x'mitters. Primary 110 volts, 50/60 cycles a.c.  $3\frac{3}{8} \times 2\frac{3}{8} \times 1\frac{1}{2}$ " . Shpg. wt. 2 lbs.  
**K1636** ..... **45c**  
**Your Cost** ..... **45c**

## Tube Tester Filament Transformer



- For all tubes with filaments up to 110 volts. Ideal for tube checkers, etc. Open frame type with leads. Size:  $3\frac{1}{2}$ " wide,  $2\frac{3}{8}$ " high,  $2\frac{3}{8}$ " deep. Primary tapped for 105/115/125 volts, 60 cycles a.c. Secondaries: 1.5/2.0/2.5/3.0/3.5/5.0/6.3/7.5/12.6/25/30/35/50/70/85/110 volts. Supplied with complete wiring diagram. Shpg. wt. 3 lbs.  
**K1966** ..... **\$1.39**  
**Your Cost** ..... **\$1.39**

## Shielded Filter Chokes



Fully shielded filter chokes with long leads. For upright mtg. All  $2\frac{1}{2}$ " wide,  $3\frac{3}{4}$ " high,  $2\frac{3}{8}$ " deep. Inductance values are with rated d.c. through coil. Wt. 3 lbs.

- | No.          | Henrys | Ma. | Ohms D.C. |
|--------------|--------|-----|-----------|
| <b>K1577</b> | 25     | 50  | 800       |
| <b>K1578</b> | 20     | 80  | 475       |
| <b>K1579</b> | 12     | 100 | 300       |
| <b>K1580</b> | 10     | 125 | 215       |
| <b>K1581</b> | 6      | 150 | 150       |
| <b>K1582</b> | 4      | 200 | 90        |
- Any Type, Your Cost Each ..... **86c**

## Audio or Plate Choke

High impedance for use as audio choke, filter in "C" bias supplies, screen grid coupler, etc. D.C. resistance 3200 ohms; inductance 80 Henrys (zero current) at 4 ma.  $3 \times 2 \times 2\frac{3}{8}$ " . Quantity limited. Shpg. wt. 3 lbs.  
**K1415**—Your Cost ..... **19c**



## Majestic Pilot Light Dimmer



Exact duplicate of Majestic Part No. 7785. Used in models 300, 300A and 320. Built using high quality material—will stand up. Shpg. wt. 2 lbs.  
**K2514**—Your Cost ..... **85c**

## MICAMOLD 1000 Volt "Kodacap" Tubulars

New cellulose derivative makes these 1000 volt tubulars smaller and longer lasting. Tested at 3000 volts.



- | No.          | Mfd. | Size                                | Each       |
|--------------|------|-------------------------------------|------------|
| <b>K3588</b> | .001 | $\frac{3}{8} \times 1\frac{1}{2}$ " | <b>9c</b>  |
| <b>K3589</b> | .002 | $\frac{3}{8} \times 1\frac{1}{2}$ " |            |
| <b>K3590</b> | .003 | $\frac{3}{8} \times 1\frac{1}{2}$ " |            |
| <b>K3591</b> | .005 | $\frac{3}{8} \times 1\frac{1}{2}$ " |            |
| <b>K3592</b> | .006 | $\frac{3}{8} \times 1\frac{1}{2}$ " |            |
| <b>K3593</b> | .01  | $\frac{3}{8} \times 1\frac{1}{2}$ " |            |
| <b>K3594</b> | .02  | $\frac{3}{8} \times 1\frac{1}{2}$ " |            |
| <b>K3595</b> | .05  | $\frac{3}{8} \times 1\frac{1}{2}$ " |            |
| <b>K3596</b> | .1   | $\frac{3}{8} \times 1\frac{1}{2}$ " |            |
| <b>K3597</b> | .25  | $\frac{3}{8} \times 2$ "            |            |
| <b>K3598</b> | .5   | 1x2"                                | <b>29c</b> |

## Aerovox 1000 V. Condensers

Compact wax-filled and impregnated units in rust-proof metal cans 2" high,  $1\frac{1}{4}$ " wide. 1000 V. Wkg. Wt. 2 lbs.



- | No.           | Mfd. | Depth            | Each          |
|---------------|------|------------------|---------------|
| <b>K5046</b>  | .5   | $1\frac{1}{4}$ " | <b>\$0.88</b> |
| <b>K5047</b>  | 1.0  | $1\frac{1}{4}$ " | <b>1.20</b>   |
| <b>K5048</b>  | 2.0  | $2\frac{1}{4}$ " | <b>1.88</b>   |
| <b>K5049*</b> | 4.0  | $2\frac{3}{8}$ " | <b>3.03</b>   |
- \*  $2\frac{1}{4}$ " wide.

## Oil Impregnated 2 Mfd. 1000 V. Cond.

Unusually well made condenser housed in a bright metal case fitted with porcelain mounted terminals. 2 mfd., 1000 v. wkg. Wt. 2 lbs.  
**K983**—Each ..... **85c**

# TRANSMITTING CAPACITORS

## HAM SPECIAL!



### Filter Capacitors

Special bargain offer of these high voltage filter capacitors. Oil impregnated, paper dielectric. In heavy metal containers with mounting flanges. Perfectly sealed.

Lug terminals mounted on porcelain insulators. Quantity limited.

1000 Working Volts D.C.					
No.	Mfd.	H.	W.	D.	Each
K2735	1	2 1/2	1 1/2	1 1/4	\$0.98
K2736	2	4 1/2	1 1/2	1 1/4	1.25
1500 Working Volts D.C.					
K2737	1	3 1/2	2	2	1.25
K2738	2	4 1/2	2 1/2	2 1/4	1.69
2000 Working Volts D.C.					
K2739	1	4 1/2	2	2	1.49
K2740	2	4 1/2	2 1/2	2 1/4	2.14

## Truest

### 1000 Volts Surge Dry Electrolytics



Especially designed for amateur use. Fully shielded in metal containers only 4 1/2" high by 1 3/4" wide, by 1 1/8" 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. Shpg. wt. 2 lbs.

Stock No.	Cap. Mfd.	Your Cost Each	5 for
K4192	2	\$0.85	\$4.00
K4193	4	.95	4.50
K4194	8	1.39	6.50

### Rubber Terminal Covers

Live rubber; grooved to fit over high-tension terminals on H.V. condensers and other high voltage units.



K2749—Pair ..... **15¢**

## AEROVOX Transmitting Capacitors

### "05" Series



"Hyvol" filled and impregnated units in round aluminum cans provided with terminals mounted on high voltage stand-off insulators. Hermetically sealed. All mount either upright or inverted; mounting ring is furnished. All conservatively rated, for continuous duty. Voltages shown are d.c. working.

Stock No.	Cap. Mfd.	Wkg. Vts.	Size In.	Your Cost
K4820	2.0	600	2 x 2 3/4	\$1.91
K4821	4.0	600	2 x 3 1/4	2.65
K4822	1.0	1000	2 x 3 1/4	1.62
K4794	2.0	1000	2 x 3 1/4	2.20
K4795	4.0	1000	2 1/2 x 3 1/4	2.79
K4797	2.0	1500	2 x 3 1/4	2.79
K4822	4.0	1500	2 1/2 x 3 1/4	3.53
K4798	1.0	2000	2 x 3 1/4	2.65
K4799	2.0	2000	2 1/2 x 3 1/4	2.94
K4828	2.0	2500	2 1/2 x 3 1/4	5.88
K4823	1.0	3000	2 1/2 x 3 1/4	5.28

### "09" Series



Compact high voltage units hermetically sealed in welded steel cans. "Hyvol" filled. Supplied with universal mounting bracket that permits either upright or inverted mtg.

Stock No.	Cap. Mfd.	Wkg. Vts.	Size In.	Your Cost
K4527	2	600	3 1/2 x 1 1/2 x 1 1/2	\$2.50
K4528	4	600	3 1/2 x 2 1/2 x 1 1/2	3.23
K4529	1	1000	2 1/2 x 1 1/2 x 1 1/2	2.20
K4530	2	1000	3 1/2 x 1 1/2 x 1 1/2	2.94
K4531	4	1000	4 1/2 x 2 1/2 x 1 1/2	3.67
K4532	1	1500	4 x 1 1/2 x 1 1/2	2.65
K4533	2	1500	4 1/2 x 2 1/2 x 1 1/2	3.67
K4534	4	1500	4 1/2 x 3 1/2 x 1 1/2	5.00
K4535	1	2000	3 1/2 x 3 1/2 x 1 1/2	3.23
K4536	2	2000	3 1/2 x 3 1/2 x 1 1/2	3.82
K4826	4	2000	3 1/2 x 3 1/2 x 2 1/2	5.23
K4830	2	2500	4 1/2 x 3 1/2 x 1 1/2	7.64
K4825	2	3000	4 1/2 x 3 1/2 x 3 1/2	8.82

## AEROVOX "10" Series

Hyvol filled inverted aluminum cans 1 1/2" diam. Hermetically sealed. With insul. washer.



Stock No.	Cap. Mfd.	Wkg. Vts.	Your Cost
K4519	2.0	600	\$1.62
K4521	4.0	600	2.20
K4522	1.0	1000	1.47
K4523	2.0	1000	1.91
K4524	0.5	1500	1.76
K4525	1.0	1500	1.91

## PARANOL Transmitting Condensers



Paranol filled high voltage capacitors in hermetically sealed metal containers with pre-mounted rigid base brackets. Porcelain insulators.

Stock No.	Cap. Mfd.	Wkg. Vts.	Size In.	Your Cost
K3768	1	600	3 1/2 x 1 x 2 3/4	\$2.06
K3769	2	600	4 x 1 x 2 3/4	2.50
K3770	4	600	4 1/2 x 1 1/2 x 3 1/4	3.23
K3753	1	1000	3 1/2 x 1 x 2 3/4	2.20
K3754	2	1000	3 1/2 x 1 x 2 3/4	2.94
K3755	4	1000	3 1/2 x 1 1/2 x 3 1/4	3.67
K3756	1	1500	3 1/2 x 1 x 2 3/4	2.65
K3757	2	1500	3 1/2 x 1 1/2 x 3 1/4	3.67
K3758	4	1500	3 1/2 x 1 1/2 x 3 1/4	5.00
K3759	1	2000	4 1/2 x 1 1/2 x 3 1/4	3.23
K3760	2	2000	3 1/2 x 1 1/2 x 4 1/4	3.82
K3654	4	2000	3 1/2 x 2 1/2 x 5	5.29

## Mallory Oil Impregnated Tubulars



OW paper tube units 1600 d.c. wkg. volts; OT metal tubes, 2000 volts d.c. wkg.

Type OW		Type OT	
No.	Each	Mfd. No.	Each
K4060	21c	.0025	K4021 35c
		.005	K4022 38c
		.0075	K4023 41c
K4062	21c	.01	K4024 44c
K4063	21c	.015	K4026 44c
K4064	21c	.02	K4027 47c
K4065	21c	.03	K4028 50c
K4066	24c	.04	K4029 50c
K4067	26c	.05	K4030 53c

## SANGAMO X'mitting 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 1/8" long, 1/2" thick and 1 3/4" wide (varies slightly with capacitance). Impervious to moisture.



1000 Volts Test			2500 Volts Test			5000 Volts Test		
Mfd.	No.	Each	No.	Each	No.	Each	No.	Each
.00005	K3051	24c	K3771	41c	K3085	53c		
.0001	K3053	24c	K3772	41c	K3077	53c		
.00015	K3054	24c	K3773	41c	K3078	59c		
.00025	K3056	24c	K3775	41c	K3079	62c		
.0005	K3060	24c	K3776	41c	K3076	73c		
.001	K3061	29c	K3777	53c	K3082	88c		
.002	K3064	29c	K3779	79c	K3081	\$1.32		
.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		
.02	K3766	\$1.09	K3845	2.32				

## SANGAMO ECONOMY MICAS

Voltages given are D.C. Test Volts



Cap.	Mfd.	1000 V. Each	2500 V. Each	5000 V. Each
.00005	K3600	15c	K3609 29c	K3617 35c
.0001			K3610 29c	K3618 35c
.00025	K3601	15c	K3611 29c	K3619 41c
.0005	K3602	15c	K3612 29c	K3620 50c
.001	K3603	18c	K3613 35c	K3621 59c
.002	K3604	21c	K3614 50c	K3622 88c
.005	K3606	26c	K3625 73c	
.006	K3607	32c		
.01	K3608	41c	K3624 98c	
.02	K3623	71c		

## CORNELL-DUBILIER TRANSMITTING CONDENSERS

### 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. Mounting centers 3 3/4" apart, 3 3/4" overall height, 2" deep. Average shpg. wt. 1 lb. each.



Stock No.	Cap. Mfd.	D.C. Volts	Your Cost
K4144	.0001	12,500	<b>\$2.20</b>
K4145	.00025	12,500	
K4146	.0005	7,000	
K4147	.001	3,500	
K4140	.001	12,500	
K4148	.0015	12,500	3.23
K4149	.002	7,000	3.09
K4141	.002	12,500	3.82
K4142	.005	10,000	5.58
K4152	.01	3,500	4.12

### "TLA" DYKANOL Filter Capacitors

In Sealed aluminum containers 4 1/2 x 1 1/2" (2 mfd. 600 v. is 2 1/2" high). Mount in any position. Dykanol dielectric.



No.	Cap. Mfd.	Wkg. V.	Each
K4195	2	600	\$1.62
K4196	4	600	2.20
K4197	1	1000	1.47
K4198	2	1000	1.91
K4199	1	1500	1.91

### "DYR" By-Pass Units

Dykanol filled. Drawn metal cans. 600 volts d.c. working. Low power factor.



No.	Type	Mfd.	Each
K3011	DYR-6010	.1	\$1.03
K3012	DYR-6025	.25	1.06
K3013	DYR-6050	.5	1.15
K3014	DYR-6100	1.0	1.32
K3015	DYR-6200	2.0	1.76

### Type "TJU" DYKANOL Oil-Filled Capacitors

New low prices together with the new universal mounting bracket make these condensers a better buy than ever. DYKANOL filled and impregnated. Porcelain high tension terminals.



Stock No.	Cap. Mfd.	Wkg. Vts.	Ht. Ins.	Your Cost
K2994	1	600	2 1/2	\$2.06
K2995	2	600	2 1/2	2.49
K2996	4	600	3 1/2	3.23
K2997	1	1000	2 1/2	2.20
K2998	2	1000	4	2.94
K3004	4	1000	4 1/2	3.67
K2999	1	1500	4	2.64
K3000	2	1500	4 1/2	3.67
K3005	4	1500	4 1/2	4.98
K3001	1	2000	3 1/2	3.23
K3003	2	2000	4	3.82
K3019	1	3000	3 1/2	7.06
K3020	2	3000	4 1/2	8.82
K3021	4	2000	3 1/2	5.29
K3022	2	3000	6	18.82

### Type "TQ" DYKANOL Oil-Filled Condensers

Designed to stand up under conditions of severe transient voltages and line surges and continuous duty operation. In cylindrical aluminum containers, with 2 insulated terminals and universal mtg. bracket. May be mounted in any position. Hermetically sealed, in non-corrosive container.



Stock No.	Cap. Mfd.	Wkg. V.	Dimen. Ins.	Your Cost
K2962	2	600	2 1/2 x 2	\$1.91
K2963	4	600	2 1/2 x 2	2.65
K2964	1	1000	1 1/2 x 2	1.62
K2965	2	1000	2 1/2 x 2	2.20
K2966	4	1000	3 1/2 x 2	2.79
K2967	1	1500	2 1/2 x 2	2.06
K2968	2	1500	3 1/2 x 2	2.79
K2969	1	2000	3 1/2 x 2	2.65
K2970	2	2000	4 1/2 x 2	2.94
K2971	4	2000	4 1/2 x 3	4.12
K2972	1	3000	3 1/2 x 3	5.29
K2973	2	3000	5 1/2 x 3	6.47

# AEROVOX EXACT DUPLICATE A.C.-D.C. ELECTROLYTICS

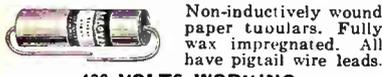
Stock No.	Mfrs. No.	Cap. Mfd.	Wkg. Volts	Your Cost
<b>ATWATER-KENT</b>				
K4540	24602	8-8-8	150	\$0.97
K4541	24955	8-8-8	150	.97
K4538	26158	8-14-8	150	1.15
K4542	27592	4-8-10	450-450-25	1.12
<b>BOSCH</b>				
K3016	105237	4-8x20	450-450-50	1.23
K4544	S4105772	4-12-8x4	200x25	1.26
K3002	103950	8-8-4x4	450x300	1.62
<b>BELMONT</b>				
K3006	C-525-B	5-25-5	100	.94
K2953	A11093-1	5-25-5	200	1.15
K2952	119-24B	5-5	200	.53
<b>COLONIAL</b>				
K3135	R-8053	8-8-8	200	1.12
<b>CROSLY</b>				
K2976	W25857B	8-8	200-25	.59
K2804	W27488A	8-6	25-300	.56
K3826	W29097B	8-8-8	450-450-250	1.26
K504	W29150B	6-7-8	450-450-25	1.06
K3024	W29264A	16-16-8	125-100-20	1.18
K4551	W30962	8-25	150	.85
<b>EMERSON</b>				
K2815	4HC348B	20-20	150	.68
K3830	HC-31	4-4	200	.53
K3831	HC-32	5-5	35	.44
K2956	KC-68	4-8-16	175	1.06
K4554	GGC-137	8-16x5-5	150-25	1.21
K3031	KKC-143	12-8	150	.73
K4555	UUC-179	12-8x5-5	150-25	1.15
K3032	ZCC-192A	4-8-16	150	1.12
K3033	2CC-194	8-16	150	.85
K3030	2DC-203	8-16	150	.79
K2816	2CC-222	12-12	150	1.03
K3034	2WC-239	8-5x5	150-25	.85
K2822	21.C-224	16-4-8	150	1.09
K2838	4DC-345	16-16	150	.82
K4553	TTC159	6-8-12	450-25	1.32

In the listing on this page, only the most popular replacement a.c.-d.c. electrolytic condensers are shown. However, we can supply any standard unit at the lowest net price. When ordering, be sure to specify make of set, model number and part number if possible, or send the defective unit to us for duplication.

Stock No.	Mfrs. No.	Cap. Mfd.	Wkg. Volts	Your Cost
<b>GENERAL ELECTRIC</b>				
K2993	K1216	12-8	450	\$0.91
K2982	K12111	12-8x8-10	450-350-25	1.29
<b>GENERAL HOUSEHOLD (Grunow)</b>				
K3041	27151	4-8-20-4	25-150-150-150	1.29
K4565	30091-1	8-8x8x12-12	450-475-25	1.88
<b>INTERNATIONAL</b>				
K3137	A-407	4-4	150	.50
K4570	A-412	8-30	150	.91
K2856	A-421	3.5-3.5-3.5	150-150-25	.76
K2978	A-424	4-10-10	150	.97
K2980	A-427	3.5-3.5-3.5	100-100-25	.70
K2857	A-443	8-30	150	.68
K2859	A-430	4-10-10	150	.97
K2983	A-468	8-8x8-8	150x250	1.35
<b>MAJESTIC (Grigsby Grunow)</b>				
K2984	4713	8	450	.56
K4569	6277	8-4-4	450	1.18
K2825	9661	8-10-16	150-25-150	1.06
K2827	9979	8-8	350	.82
K4568	10536	10-4-6	25-300-850	1.00
K3836	10827	10-8-8	25-350-350	1.09
<b>MOTOROLA (Galvin)</b>				
K4560	1388	8-8-25	350-25	1.18
K4564	1468	6-4-6	200x12	.82
K2991	1424	2-4	250	.64

Stock No.	Mfrs. No.	Cap. Mfd.	Wkg. Volts	Your Cost
<b>RCA-VICTOR</b>				
K2930	6487	4-4-10-4	300-300-150-25	\$1.21
K2865	6492	3.6-1	100-200	.47
K3839	6535	4-4	150-300	.53
K2893	6661	8-8-5-5	450-450-50-50	1.29
K2889	6691	8-4-4-4	350-150-300-25	1.21
K3840	6703	8-4-4	350-150-300	.97
K2863	7589	4-4	150-450	.62
K4786	11240	12	500	.67
K4786	68597-5	12	500	.67
<b>SIMPLEX</b>				
K2944	Model V	4-20	150	.82
<b>STEWART WARNER</b>				
K4579	81959	4-13-7	150	.97
K3842	83111	8.8-5.5	250-25	1.15
K4581	83962	10-5	25-350	.79
<b>UNITED MOTORS (Delco)</b>				
K4582	6508	8.8-4.4	350-25	1.21
K4584	4038	10-10	300	.91
K3843	6201	4-4-12	200	1.00
K4551	A-443341	8-25	125	.85
K2936	R13183	8-8-12	250-250-20	1.06
K2937	1210514	8-8-12-5	350-25-50	1.26
K2938	1209285	12-8-8	25-350	1.15
<b>WELLS GARDNER</b>				
K3844	80944-E	4-12-16	150	1.09
<b>ZENITH</b>				
K2941	22-484F	4-16-8-4	250	1.59
K2910	22-407B	2-4-8	450	1.15
K3149	22-116F	8-3-2	450	1.18
K3147	22-481F	4-8-16	150	1.09
K3148	22-560	35-16-10	150-150-25	.88

## AEROVOX Paper Tubulars



Non-inductively wound paper tubulars. Fully wax impregnated. All have pigtail wire leads.

No.	Mfd.	Each	No.	Mfd.	Each
<b>430 VOLTS WORKING</b>					
K4725	.001	9c	K4734	.03	9c
K4726	.002	9c	K4735	.05	9c
K4727	.003	12c	K4737	.1	12c
K4728	.005	15c	K4738	.15	15c
K4729	.006	15c	K4739	.25	15c
K4731	.01	21c	K4741	.5	21c
K4732	.015	29c	K4742	1.0	29c
K4733	.02				
<b>600 VOLTS WORKING</b>					
K4746	.001	9c	K4754	.02	9c
K4747	.002	12c	K4755	.03	12c
K4748	.003	12c	K4756	.05	12c
K4749	.005	15c	K4758	.1	15c
K4750	.006	15c	K4759	.15	15c
K4752	.01	21c	K4760	.25	21c
K4753	.015	29c	K4762	.5	29c
K4766	.001	18c	K4772	.01	18c
K4767	.002	18c	K4773	.015	18c
K4768	.003	18c	K4774	.02	18c
K4769	.005	21c	K4775	.03	21c
K4770	.006	21c	K4776	.05	21c
			K4778	.1	29c

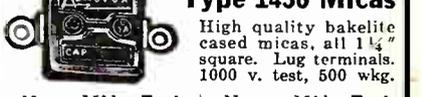
## AEROVOX Silver Micacs



Enclosed in molded XM bakelite housings and provided with pigtail leads. Features: only plus or minus polarity; 0.022 p.p.m. degree F. temperature coefficient; high "Q"; no capacity drift with time 1000 volts test, 500 working.

No.	Mfd.	Each	No.	Mfd.	Each
<b>Type 1469—Fig. B, 7/16x1 1/4"</b>					
K5071	.000005	21c	K5079	.00015	15c
K5072	.00001	18c	K5080	.0002	15c
K5073	.000025	18c	K5081	.00025	18c
K5074	.00004	15c	K5082	.0003	18c
K5075	.00005	15c	K5083	.00035	18c
K5076	.00007	15c	K5084	.0004	18c
K5077	.000075	15c	K5085	.0005	18c
K5078	.0001	15c			
<b>Type 1464—Fig. A, 2 1/2" Square</b>					
K5086	.00075	18c	K5090	.0025	26c
K5087	.001	21c	K5091	.003*	29c
K5088	.0015	21c	K5092	.004*	32c
K5089	.002	24c	K5093	.005*	35c

## Type 1450 Micacs



High quality bakelite cased mica capacitor. 1000 v. test, 500 wkg. Features: only plus or minus polarity; 0.022 p.p.m. degree F. temperature coefficient; high "Q"; no capacity drift with time 1000 volts test, 500 working.

No.	Mfd.	Each	No.	Mfd.	Each
K4601	.00005	21c	K4608	.002	27c
K4602	.0001	21c	K4609	.003	32c
K4603	.0002	21c	K4610	.004	32c
K4604	.00025	21c	K4611	.005	32c
K4605	.0005	21c	K4612	.006	38c
K4606	.001	24c	K4613	.01	47c
K4607	.0015	27c	K4614	.02*	71c

## VIBRATOR TUBULARS

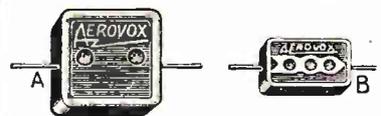
No.	Mfd.	Size Each	No.	Mfd.	Size Each	
K4779	.01	1 1/2x2 1/2	21c	K4782	.04	1 1/2x2 1/2
K4780	.02	1 1/2x2 1/2	21c	K4783	.05	1 1/2x2 1/2
K4781	.03	1 1/2x2 1/2	24c			

## Oil Filled and Oil Impregnated Tubulars

No.	Mfd.	Size Each	No.	Mfd.	Size Each	
K4833	.0075	1 1/2x2 1/2	44c	K4837	.03	1 1/2x2 1/2
K4834	.01	1 1/2x2 1/2	47c	K4838	.04	1 1/2x2 1/2
K4835	.015	1 1/2x2 1/2	47c	K4839	.05	1 1/2x2 1/2
K4836	.02	1 1/2x2 1/2	50c			

No.	Mfd.	Each
K14196	—5 mfd.	29c
K14197	—1.0 mfd.	44c

## AEROVOX Midget Micacs



1000 V. Test, 500 V. Wkg. Type 1467 (A) "Postage Stamp" Micacs only 2 1/2" square. Bakelite case. Type 1468 (B) ultra-tiny units in bakelite cases only 1/4x1/8".

No.	Mfd.	Each	No.	Mfd.	Each	
K4615	.00004	9c	K3417	K4623	.0005	12c
K4616	.00005	9c	K3420	K4624	.001	15c
K4617	.00007	9c	K3421	K4625	.002	18c
K4618	.000075	9c	K3422	K4626	.003	24c
K4619	.0001	9c	K3423	K4627	.004*	26c
K4620	.00015	9c	K3424	K4628	.005*	29c
K4621	.0002	9c	K3425	K4629	.006*	35c
K4622	.00025	12c	K3426	K4493	.01*	44c

## Paper Condensers to Replace Dry Electrolytics



Paper wound units in round metal cans or flanged cardboard containers to replace dry electrolytics rated up to 600 volts. Extremely low power factor and leakage. Leads.

Series	Stock No.	Replaces Mfd.	Actual Cap. Mfd.	Dim. In.	Your Cost
PWC—Round Metal Cans 4 1/2" H.	K5065	4	2	1 3/8"	\$0.79
	K5066	8	2.75	1 3/8"	1.03
	K5067	8-8	1.75-1.75	1 1/2"	1.65
	K5068	4	2	1 3/8x1 1/2"	.71
Series PWP—Cardboard Cases 4 1/2" L.	K5069	8	3	1 1/8x1 1/2"	.94

# AEROVOX-Dependable Quality-CONDENSERS

## Prong-Base Midget Condensers



Compact, economical and easily mounted dry electrolytics. Have base prongs which slip into elliptic washer riveted or eyeletted on chassis. Fibre washer for insulated can; metal for grounded can. Metal and bakelite washers supplied with each condenser. Can negative. **Type F.**

No.	Mfd.	W.V.	DxH	Each
K5922	10	450	1x2	\$0.50
K5323	20	450	1x2	.73
K5124	40	450	1x3	1.18
K5125	10-10	450	1x2	.76
K5126	10-10-10	450	1x3	1.23
K5127	20-20	450	1x3	1.29
K5128	10-10	250	1x2	.76
K5129	20-20	250	1x2	1.00
K5930	20-20	150	1x2	.71
K5931	30-30	150	1x2	.79
K. 12	30	150	1x2	.44
K5033	10-10	450	1x3	1.23

## Inverted Dry Electrolytics



Screw-mount inverted dry electrolytics. Supplied with lock-washer nut, 3/4" screw bushing. All have 8" color-coded leads per section for terminals. Available in single, double and triple section units. Insulated large size can.

**Type GL-690—Single Section 800 V. Peak—600 V. D.C. Wkg.**

No.	Mfd.	Dia.—Ht.	Each
K4516	4	1 1/8 x 4	\$1.08
K4517	8	1 3/8 x 4 1/2	1.52

**Type GL-451—Single Section 525 V. Peak—450 V. D.C. Wkg.**

No.	Mfd.	Dia.—Ht.	Each
K4651	4	1 3/8 x 3	50c
K4652	8	1 3/8 x 4	62c
K4653	12	1 3/8 x 4	82c
K4654	16	1 3/8 x 4 1/2	91c

**Type 2GL-451—Double Section 525 V. Peak—450 V. D.C. Wkg.**

No.	Mfd.	Dia.—Ht.	Each
K4655	4-4*	1 3/8 x 4	\$0.76
K4656	8-8*	1 3/8 x 4	.94
K4686	8-16*	1 3/8 x 4	1.18

**Type 3GL-451—Triple Section 525 V. Peak—450 V. D.C. Wkg.**

No.	Mfd.	Dia.—Ht.	Each
K4657	4-4-4*	1 3/8 x 3	\$1.12
K4658	8-8-8*	1 3/8 x 4 1/2	1.41

\*Each section has 2 leads.

## Midget Dry Electrolytics

Ultra-compact; 2 leads per section.

**Type GLS-450—Single Section 525 V. Peak—450 V. D.C. Wkg.**

No.	Mfd.	Size—Ins.	Each
K4663	4	1x2 1/4	50c
K4664	8	1x2 1/4	62c
K4665	12	1x3 3/8	82c
K4666	16	1x4	91c
K4518	8-8*	1 3/8 x 3	94c

**Type GLS-250—250 V. D.C. Wkg.**

No.	Mfd.	Size—Ins.	Each
K4667	4	1x2 1/4	44c
K4668	8	1x2 1/4	55c
K4669	12	1x2 1/4	67c
K4670	16	1x3 1/4	79c

## Metal Can Dries—Insulated or Grounded Types



**Type I-450—Insulated dry electrolytic. Negative lug on can.**

**Type G-450—Can negative. Both types 450 V. wkg. (525 V. P.); 1/2" bushing; 1 3/8" dia.**

I-450	G-450	Cap. Mfd.	Ht. In.	Your Cost
K4660		8	3 1/4	62c
	K#509	8	3 1/4	62c
K4661	K4510	12	4 1/4	82c
K4662	K4511	16	4 1/4	91c

## "DANDEE" Ultra-Compact Tubular Dry Electrolytics—Type PRS



Space saving, yet full-rated capacity and voltage. Ideal for midgets, A.C.-D.C. and auto radios where maximum capacity and working voltage required in minimum space. Varnished paper insulating jacket over aluminum can. Dual units (Type PRS-A) have two leads plus common negative riveted center mounting strap.

Stock No.	Cap. Mfd.	Wkg. V.	Size Ins.	Your Cost	Stock No.	Cap. Mfd.	Wkg. V.	Size Ins.	Your Cost
K700	10	25	3/16 x 1 3/8	24c	K726	4	350	3/16 x 2 3/8	29c
K701	25	25	3/16 x 1 1/2	29c	K737	8	350	3/16 x 1 1/2	32c
K5050	50	25	1/16 x 1 1/2	35c	K738	12	350	3/16 x 2 3/8	41c
K5051	100	25	1/16 x 1 1/2	53c	K739	16	350	3/16 x 2 3/8	47c
K702	10	50	3/16 x 1 1/2	26c	K5054	24	350	3/16 x 2 3/8	53c
K703	25	50	1/16 x 1 1/2	32c	K753	4	450	1/16 x 1 1/2	32c
K5052	50	50	1/16 x 1 1/2	47c	K754	8	450	1/16 x 1 1/2	35c
K5053	100	50	1/16 x 2 3/8	59c	K755	12	450	1/16 x 1 1/2	44c
K741	4	150	3/16 x 1 1/2	24c	K756	16	450	1/16 x 2 3/8	53c
K742	8	150	3/16 x 1 1/2	26c	K5055	20	450	1/16 x 2 3/8	59c
K748	12	150	1/16 x 1 1/2	29c	K704	10-10	50	5/8 x 2 3/8	47c
K749	16	150	1/16 x 1 1/2	32c	K5056	10-10	25	5/8 x 2 3/8	35c
K750	24	150	1/16 x 2 1/8	35c	K5057	8-8	150	1/16 x 2 3/8	47c
K751	30	150	1/16 x 1 1/2	39c	K5058	8-16	150	3/4 x 2 3/8	50c
K752	40	150	1/16 x 2 3/8	41c	K5059	20-20	150	1/16 x 2 3/8	62c
K718	4	250	5/16 x 1 3/8	26c	K5060	8-8	200	3/4 x 2 3/8	47c
K723	8	250	1/16 x 1 1/2	29c	K5061	8-16	200	1/16 x 2 3/8	59c
K724	12	250	1/16 x 1 1/2	38c	K5062	16-16	200	7/8 x 2 3/8	67c
K725	16	250	1/16 x 2 3/8	44c	K5063	8-8	450	1 x 2 3/8	62c
					K5064	8-16	450	1 x 2 3/8	76c

## 4-Lead Dual-Section "DANDEES" Type PRS-B

Featuring separate sections with separate leads, reduced size. Smallest midget electrolytic on the market. Same high quality.

No.	Mfd.	Volts	Size	Each	No.	Mfd.	Volts	Size	Each
K5034	20-20	150	1x2 1/4	79c	K5036	8-8	450	1x2 1/4	79c
K5035	16-16	250	1x2 1/2	97c	K5037	8-16	450	1x3	\$1.12

## Tubular Dry Electrolytics

Single and double-section dry electrolytics in sturdy cardboard, completely sealed containers. 2 1/2" bare wire leads. Single sections have 2 leads; double section units 3 leads, all riveted to tabs.

PR450—450 V. D.C. Working				Type PR50—50 V. D.C. Working						
No.	Mfd.	Dia.—Lth.	Each	No.	Mfd.	Dia.—Lth.	Each			
K4676	2	3/4 x 2 1/4	\$0.38	K4689	5	3/4 x 2 1/4	50.29			
K4677	4	3/4 x 2 1/4	.44	K4690	10	3/4 x 2 1/4	.38			
K4678	8	3/4 x 2 3/8	.56	K4692	20	7/8 x 2 1/4	.44			
PR200—200 V. D.C. Working				K4693				25	7/8 x 2 1/4	.47
K4682	8	1/2 x 2 1/4	\$0.47	K4694	50	1 1/2 x 2 1/4	.70			
K4683	10	7/8 x 2 1/4	.53	K4695	5-5	7/8 x 2 1/4	.44			
PR100—100 V. D.C. Working				Type PR25—25 V. D.C. Working						
K4684	5	3/4 x 2 1/4	\$0.32	K4696	5	3/8 x 2 1/4	50.29			
K4685	10	3/4 x 2 1/4	.41	K4697	10	3/8 x 2 1/4	.29			
K4688	25	1 1/8 x 2 3/4	.56	K4700	25	7/8 x 2 1/4	.38			
				K4701	50	1 1/2 x 2 3/4	.56			

## PG Wet Electrolytics

Adequate venting. Metal cans.

**Type PG-600—600 Volts Peak**

No.	Mfd.	Size—Ins.	Each
K5938	4	1 3/8 x 3 1/4	\$0.79
K5939	8	1 3/8 x 4	.88
K5940	16	1 3/8 x 4 1/2	1.18

**Type PG50—500 Volts Peak**

No.	Mfd.	Size—Ins.	Each
K4784	4	1 3/8 x 3 1/4	\$0.47
K4785	8	1 3/8 x 3 3/8	.56
K4512	10	1 3/8 x 3 3/8	.62
K4786	12	1 3/8 x 3 3/8	.67
K4831	16	1 3/8 x 4	.79
K4513	18	1 3/8 x 4	.88
K4514	20	1 3/8 x 4 1/2	.88
K4515	30	1 3/8 x 4 1/2	1.00
K4832	40	1 3/8 x 4 1/2	1.12

## Universal Mounting Dry Electrolytics

Multiple units consisting of separate sections with common negative grounded to can. Self-healing; surge proof. Complete with mounting rings for universal mounting. Exact replacement for many of the older sets (Spartan, Zenith, etc.) Shpg. wt. 2 lbs.

**Type E-450—Multiple Section 525 V. Surge—450 V. D.C. Wkg.**

No.	Mfd.	Size—Ins.	Each
K4630	8-8	2 1/2 x 4 1/2	\$1.05
K4494	5-15	2 1/2 x 4 1/2	1.35
K4631	8-8-8	3 x 4 1/2	1.59
K4632	9-9-18	3 x 4 1/2	2.20

## Cardboard Dries

With Adjustimount brackets. 8" leads. 2 leads per section. Wax impregnated.

**Type PB450—Single Section 525 V. Peak—450 V. D.C. Wkg.**

No.	Mfd.	Size—Ins.	Each
K4671	4	3/4 x 1 3/8 x 4 1/2	44c
K4672	8	1 1/8 x 1 3/8 x 4 1/2	56c
K4673	16	1 1/2 x 1 3/8 x 4 1/2	85c

**Type PBM450—Double Section**

No.	Mfd.	Size—Ins.	Each
K4674	4-4	1 1/2 x 1 1/8 x 4 1/2	70c
K4675	8-8	1 1/2 x 1 1/8 x 4 1/2	88c

## "Adjustimount" Midget Dry Electrolytics



Space-saving midget dry electrolytics, feature "adjustimount" swivel mounting bracket with slotted holes. Mounts flat, upright, singly or stacked. Two separate leads for each section. Wax impregnated cases.

**Type PBS600—High Surge 600 Volts D.C. Working**

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4591	4	1 1/4 x 1 1/2 x 2 1/8	\$1.03
K4502	8	1 1/4 x 1 1/2 x 3 1/8	1.44

**Type PBS450—525 V. Surge 450 V. D.C. Working**

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4633	2	1/2 x 3/4 x 2 1/8	\$0.38
K4634	4	3/4 x 1 x 2 1/8	.44
K4635	8	1 1/4 x 1 1/2 x 2 1/8	.56
K4636	10	1 1/4 x 1 1/2 x 3 1/8	.67
K4637	12	1 1/4 x 1 1/2 x 3 1/8	.76
K4495	16	1 1/4 x 1 1/2 x 2 1/8	.85

**Type PBS450—525 Volts Surge 450 Volts D.C. Working**

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4644	4-4	1 1/4 x 1 1/2 x 2 1/8	\$0.70
K4645	8-8	1 1/4 x 1 1/2 x 2 1/8	.88
K4491	8-16	1 1/4 x 1 1/2 x 3 1/8	1.11
K4650	8-8-8	1 1/4 x 1 1/2 x 3 1/8	1.29

**Type PBS250—300 Volts Surge 250 V. D.C. Working—Singles**

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4639	4	1/2 x 3/4 x 2 1/8	\$0.38
K4640	8	3/4 x 1 1/2 x 2 1/8	.47
K4641	10	1 1/4 x 1 1/2 x 2 1/8	.53
K4642	12	1 1/4 x 1 1/2 x 2 1/8	.56
K4643	16	1 1/4 x 1 1/2 x 2 1/8	.62
K4603	20	1 1/4 x 1 1/2 x 2 1/8	.70
K4504	25	1 1/4 x 1 1/2 x 3 1/8	.73
K4505	30	1 1/4 x 1 1/2 x 3 1/8	.82

**Type PBS250—300 Volts Surge 250 V. D.C. Working—Doubles**

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4646	4-4	1 1/8 x 3/4 x 2 1/8	\$0.52
K4647	8-8	1 1/8 x 1 1/2 x 2 1/8	.73
K4648	8-16	1 1/4 x 1 1/2 x 2 1/8	.85
K4507	16-16	1 1/4 x 1 1/2 x 2 1/8	.97

**Type PBS250—300 Volts Surge 250 V. D.C. Working—Triple**

Stock No.	Cap. Mfd.	Size—Ins.	Your Cost
K4649	8-8-8	1 1/8 x 1 1/2 x 2 1/8	\$1.11
K4492	8-8-16	1 1/4 x 1 1/2 x 2 1/8	1.23

## Replacement Cardboard Dry Electrolytics

Universal replacement units in tubular cardboard containers with spade lugs for mounting. Containers are insulated and sections have separate color coded leads. All are 1 1/4 x 4 1/2" except those marked with asterisk.

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost
K4813	8-16	450	\$0.79
K4814	8-8	450	.97
K4815	12-16	200	.91
K4490	20-20	200	1.32
K4816	14-8/10-10	200/25	

# Trutest GUARANTEED CONDENSERS

★ A TYPE FOR EVERY REQUIREMENT ★ MILLIONS NOW IN USE ★



## Dry Electrolytic Filter Condensers

In heavy cardboard containers, with heavy wax impregnation. 525 volt surge, 450 volts d.c. working voltage. Equipped with 6" leads and mtg. flanges. Perfectly sealed;

No.	Mfd.	Inches	Each
K3351	2	2 1/2 x 1 3/4 x 1 1/2	23c
K3346	4	4 1/2 x 1 3/4 x 3/4	27c
K3347	6	4 1/2 x 1 1/2 x 1 1/2	32c
K3348	8	4 1/2 x 1 1/2 x 1 1/2	34c
K3349	10	4 1/2 x 1 1/2 x 1 3/8	41c
K3350	12	4 1/2 x 1 1/2 x 1 3/8	47c
K3352	16	4 1/2 x 1 1/2 x 1 1/2	52c

moisture proof.  
All 525-volt surge, 450 working. 4 1/2" high. Separate sections.

No.	Mfd.	Inches	Each
K3337	4-4	1 3/8 x 1	43c
K3339	4-8	1 3/8 x 1 3/8	49c
K3342	8-8	1 3/8 x 1 3/8	54c
K3366	8-8-8	2 x 1 1/2	80c

## Special Capac Filters For A.C.-D.C. Receivers

Accurately rated, full capacity compact units in heavy cardboard containers with mtg. flanges. Wax impregnated—impervious to moisture. Have long insulated leads for direct connections. All units listed are only 2 1/2" long. Shpg. wt. each 1 lb.

No.	Mfd.	W.	T.	Wkg.	Each
K3210	4	3/4 x 3/4	3/4	23c	
K3212	8	3/4 x 3/4	3/4	29c	
K3213	10	3/4 x 3/4	3/4	32c	
K3214	12	3/4 x 3/4	3/4	34c	
K3215	16	1 1/8 x 1 1/8	1 1/8	38c	
K3216	20	1 x 1	1	43c	
K3217	25	1 1/8 x 1 1/8	1 1/8	45c	

No.	Mfd.	W.	T.	Wkg.	Each
K3219	2	3/4 x 3/4	3/4	23c	
K3220	4	3/4 x 3/4	3/4	27c	
K3222	8	3/4 x 3/4	3/4	34c	
K3302	12	1 1/8 x 1 1/8	1 1/8	47c	
K3218	8-8	1 1/8 x 1 1/8	1 1/8	54c	
K3303	8-8-8	1 1/8 x 1 1/8	1 1/8	80c	

No.	Mfd.	W.	T.	Wkg.	Each
K3206	2	1 3/8 x 1 3/8	1 3/8	34c	
K3207	4	1 1/2 x 1 1/2	1 1/2	41c	
K3209	8	1 3/8 x 1 3/8	1 3/8	56c	

## Dry Electrolytic Cartridge Condensers



In waxed cardboard containers with metal ends and 2" wire leads. Sealed in heavy fibre cylinders. In Lots of 10, Deduct 10%.

Stock No.	Cap. Mfd.	Wkg. Volts	Surge Volts	Your Cost
K3380	5	25	40	16c
K3381	10	25	40	16c
K3382	25	25	40	28c
K3383	50	25	40	35c
K3396	5-5	25	40	25c
K3384	5	50	75	20c
K3295	10	50	75	22c
K3297	25	50	75	28c
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	29c
K3256	8	450	525	33c
K3255	10-10	35	50	28c

## FULLY GUARANTEED FOR 1 YEAR!

For best results, use TRUTEST filter and by-pass condensers. They are manufactured to conform with the highest standards—easily meet all R.M.A. quality standards. All TRUTEST Dry Electrolytics are GUARANTEED to have a power factor of from 4% to 8%; leakage less than .1 Ma. per microfarad; all capacity ratings within a R.M.A. requirements; not affected by humidity (suitable for tropic use). Always specify TRUTEST CONDENSERS—the fully GUARANTEED line with a type for every service and set builders requirement—Accept No Substitutes!



The new Mites are smaller than the common safety match pack.

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K757	10	25	5/8 x 1 5/8	18c	K767	8	450	1 3/4 x 1 5/8	26c
K758	25	25	5/8 x 1 5/8	22c	K768	12	450	1 3/4 x 1 5/8	33c
K759	25	50	1 1/4 x 1 5/8	24c	K788	16	450	1 3/4 x 2 1/8	39c
K760	4	150	5/8 x 1 5/8	18c	K789	20	450	1 3/4 x 2 1/8	44c
K761	8	150	5/8 x 1 5/8	20c	K790	10-10	50	5/8 x 2 1/8	29c
K762	12	150	5/8 x 1 5/8	21c	K791	12-12	200	1 1/2 x 2 3/8	41c
K763	16	150	1 1/4 x 1 5/8	24c	K792	8-16	200	1 1/2 x 2 3/8	41c
K764	20	150	5/8 x 1 5/8	26c	K793	16-16	200	1 1/2 x 2 3/8	45c
K765	40	150	1 3/8 x 1 5/8	29c	K794	8-8	450	1 x 2 3/8	44c
K766	4	450	1 1/8 x 1 5/8	24c	5% Discount in lots of 10.				

## Trutest "MITES"

New, ultra compact units that fill a long felt need in the radio industry. Especially well suited for a.c.-d.c. midgets and wherever space is limited. Self-supporting, provided with stiff wire leads. All in aluminum cans with cardboard outer sleeve. Accurately and conservatively rated; will give long trouble-free service.

## Tubular Cardboard Replacement Units

Universal replacement dry electrolytics provided with spade lugs for mounting. Bright finish fibro-board tubes. All are 1 1/2" in diameter and 4 1/2" high. Spade mounting bolts. Long color coded insulated leads. Ideal for replacement in midget radios.

Stock No.	Cap. Mfd.	Peak Volts	Your Cost
K3369	8-8	500	54c
K3370	8-16	500	68c
K3371	12-16	225	57c
K3372	14-8x10-10	200x35	76c
K3373	16-8x10-10	200x35	79c
K3374	16-12x10-10	200x35	79c

## TRUTEST MIDGET PAPER CARTRIDGE CONDENSERS

Ideal for A.C.-D.C. sets or wherever space is a factor. Highest quality at lowest prices. Finest metal foil and linen paper. Hermetically sealed and impregnated. Supplied in a wide variety of capacities and working voltages to meet practically every service requirement. All provided with long tinned wire leads; units can be made self-supporting

Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost	Stock No.	Cap. Mfd.	Wkg. Volts	Your Cost	
K3173	.01	200	6c	K3185	.002	600	6c	
K3175	.05	200	7c	K3186	.006	600		
K3176	.1	200		K3187	.01	600		
K3177	.25	200	K3188	.02	600			
K3178	.5	200	13c	K3189	.05	600		8c
K3179	.01	400	6c	K3190	.1	600		9c
K3180	.02	400		K3191	.25	600		12c
K3181	.05	400	8c	K3169	.5	600		16c
K3182	.1	400	8c	K3192	.05-.05	200		12c
K3183	.25	400	10c	K3193	-1-1	200		14c
K3174	.5	400	14c	K3194	.25-.25	200	16c	
K3172	1	400	20c	K3195	.05-.05	400	14c	
K3184	.001	600	6c	K3196	-1-1	400	14c	

Deduct 10% when ordering in lots of 10 (may be assorted).

### SERVICEMANS SPECIALS

#### 8 Mfd. 450 V. Tubular Dry Electrolytic

We've never offered a high grade unit like this before at such a low price. Unit is housed in metal tube with outer cardboard container, wax impregnated, with wire leads. Size: 1 1/2" x 1 1/2". GUARANTEED FOR 1 YEAR.

15c

#### Inverted Can Type Wet Electrolytics

Another Lafayette scoop. Aluminum can (1 1/2" x 3 1/2") wet electrolytics; Can negative. Mounting nut supplied. Self healing. 450 v. working, 500 v. peak.

21c

27c



## Inverted Can Dry Electrolytics

For inverted, hole-in-chassis mounting. Standard size, round aluminum can fits hole for 3/4" stud. Can is insulated from condenser sections. Rated at 450 volts d.c. working and 525 volts surge. With 6" insulated leads. With mounting nut. Shpg. wt. each 1 lb.

No.	Mfd.	Diam.	Ht.	Each
K3323	4	1 3/8"	4 1/8"	31c
K3324	8	1 3/8"	4 1/8"	38c
K3328	10	1 3/8"	4 1/8"	45c
K3329	12	1 3/8"	4 1/8"	50c
K3398	8-8	1 3/8"	4 1/8"	58c

## Inverted Can Wet Electrolytics

All tubular metal containers—can is negative. Excellent power factor, and long life. Self-healing, able to withstand voltage overloads without harm. 500 v. peak. Supplied with pal nut. Shpg. wt. each 1 lb.

Stock No.	Cap. Mfd.	Size In.	Your Cost
K491	4	1 x 3 1/8	35c
K492	8	1 3/8 x 3 1/8	38c
K493	10	1 3/8 x 3 1/8	42c
K494	12	1 3/8 x 3 1/8	45c
K495*	8	1 1/2 x 4 3/8	53c

\* 600 volts peak.

## Dry Electrolytic Can-Type Multiple Section

450 volts, d.c. working 525 v. surge. 4 1/2" aluminum can, common negative. Each section a separate electrolytic, self-healing type. Screw term nals. With mounting clamp.

No.	Mfd.	Diam.	Each
K3316	8-8	2 1/2"	\$0.65
K3317	5-15	2 1/2"	.83
K3318	8-8-8	3"	.97
K3320	9-9-18	3"	1.35
K3319	8-8-8-8	3"	1.30
K3321	8-8-18-18	3"	1.89

## Shielded Paper By-Pass

Universal mounting types. Sealed in drawn aluminum shield cans.

No.	Mfd.	Wkg. Volts	Each
K3260	.1	200	13c
K3261	.25	200	17c
K3262	.5	200	22c
K3263	1	200	30c
K3264	2	200	49c

K3269	.1	400	15c
K3270	.25	400	19c
K3271	.5	400	22c

## Midget Molded Micacs

Tiny mica condensers in molded bakelite housings only 3/4" square. Provided with pig-tail leads.

Stock No.	Cap. Mfd.	Cost	Stock No.	Cap. Mfd.	Cost
K3403	.00005	6c	K3416	.001	10c
K3405	.0001	6c	K3400	.0015	10c
K3407	.0002	6c	K3418	.002	12c
K3408	.00025	8c	K3404	.003	12c
K3409	.0003	8c	K3406	.005	15c
K3411	.0005	8c	K3401	.006	25c
K3402	.0006	8c			

To Speed Handling of YOUR Order -- Use Our Order Blank

SPRAGUE  
**600 LINE**

# SPRAGUE

## Famous CONDENSERS

SPRAGUE  
**450 VOLTS**

### Inverted Can Dry Electrolytics Type LC—“450” Line



Cased in aluminum containers. Fit standard mounting holes. Continuous working voltage, 450, maximum peak voltage, 525. With long color-coded leads. Mounting nuts, long leads. Excellent for replacement use.

Stock No.	Cap. Mfd.	Size D.	Ins. L.	Your Cost
K3534	4	1	3	50c
K3535	8	1 1/2	4 1/2	62c
K2789	12	1 3/8	4 7/8	82c
K2790	16	1 3/8	4 7/8	91c
K3536*	4-4	1 1/2	4 7/8	76c
K3537*	8-8	1 1/2	4 3/8	94c

\* 4 leads—separate sections.

### Type PLS—Tiny Mikes

Similar to above, but smaller can size.

No.	Mfd.	Dia.—Ht.	Each
K2796	8	1 x 3"	62c
K2798	16	1 x 3"	91c
K2799	8-8*	1 1/2 x 3"	94c

\* 4 leads—separate sections.

### Type BP Metal-Cased Paper By-Pass Condensers



Indrawn metal case. 1200 v. test; 600 v. surge; 400 volts working. Heat and moisture-proof.

No.	Cap.	Dimen.	Each
K2619	0.1	1 1/2 x 1 x 3/4	38c
K2620	0.25	2 1/2 x 1 x 3/4	44c
K2621	0.5	2 1/2 x 1 1/4 x 3/4	56c
K2622	1.0	2 x 1 3/4 x 1	73c
K2623	1-1	1 3/4 x 1 3/4 x 1 1/2	47c
K2624	.25-.25	2 1/2 x 1 1/4 x 3/4	59c
K2625	.5-.5	2 x 1 1/2 x 1	73c
K2626	1-1-1	2 1/2 x 1 1/4 x 3/4	62c

### Type UC Cased “Hang-Up” Paper Condensers



Oil impregnated and wax filled. Fully cased and sealed to prevent melting of wax. Impervious to moisture. Ideal for X-miting and P.A. work.

### 400 VOLTS WORKING

Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K2779	1	2 3/8 x 1 3/8 x 3/8	44c
K2780	2	2 3/8 x 1 3/8 x 3/8	67c

### 600 VOLTS WORKING

Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K2781	1	2 3/8 x 1 3/8 x 1 1/2	53c
K2782	2	3 1/2 x 1 3/8 x 1 1/2	79c

### 1000 VOLTS WORKING

Stock No.	Cap. Mfd.	Dimen. Ins.	Your Cost
K2783	1	4 1/2 x 1 3/8 x 1 1/2	88c
K2784	2	4 1/2 x 2 1/8 x 1	\$1.47

### Paper Dielectric Units

To replace electrolytics. No polarity. 600 volts. Actual capacity about 1/2 to 1/3 that in same size dry electrolytic can.

**CAN TYPE (Right)**

Stock No.	Repl. Cap. Mfd.	Size—Ins. L. D.	Your Cost
K2752	4	4 3/8 x 1 3/8	\$0.79
K2753	8	4 3/8 x 1 3/8	1.03
K2754	8-8	4 3/8 x 1 3/8	1.65

**CARDBOARD TYPE (Left)**

Stock No.	Repl. Mfd.	Size—Ins. L. W. T.	Your Cost
K2755	8	4 1/2 x 1 1/2 x 1 1/4	\$0.94
K2756	8-8	4 1/2 x 2 x 1 1/2	1.56

### SPRAGUE “ATOMS” Ultra-Compact Dry Electrolytics

Single capacitors sealed in metal tubes with outer insulating sleeve. Protected against “Blow-ups.” All have 3 1/2" bare wire leads riveted to metal end caps.



Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K769	10	25	3/8 x 1 1/8	24c
K770	25	25	3/8 x 1 1/8	29c
K2680	5	50	3/8 x 1 1/8	24c
K2682	10	50	1 1/8 x 1 3/8	26c
K771	25	50	3/8 x 1 1/8	32c
K772	4	150	3/8 x 1 1/8	24c
K773	8	150	3/8 x 1 1/8	26c
K774	12	150	3/8 x 1 1/8	29c
K775	16	150	1 1/8 x 1 3/8	32c
K776	20	150	3/8 x 1 1/8	35c
K777	40	150	3/8 x 1 1/8	38c
K778	4	450	3/8 x 1 1/8	32c
K779	8	450	3/8 x 1 1/8	35c
K780	12	450	3/8 x 1 1/8	44c

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K781	16	450	1 1/8 x 2 1/8	53c
K782	20	450	3/8 x 2 1/8	59c
K783	10-10	50	3/8 x 2 3/8	50c
K3164	8-8	150	3/8 x 2 3/8	47c
K3165	20-20	150	3/8 x 2 3/8	62c
K2683	20-20†	150	1 1/8 x 2 3/8	79c
K784	12-12	200	1 1/8 x 2 3/8	56c
K785	8-16	200	1 1/8 x 2 3/8	56c
K787*	16-16	200	3/8 x 2 3/8	62c
K2684	16-16†	250	1 1/8 x 2 3/8	98c
K786*	8-8	450	1 1/8 x 2 3/8	62c
K2685	8-8†	450	1 1/8 x 2 3/8	79c

(\* 3 leads. (†) 4 leads.

**KIT OF 6 ATOMS:** This special kit of 6 type UT8 (8 mfd., 450 volt, our No. K779) is offered to help you SAVE. Packed in handy carton. Shpg. wt. 1 lb. **\$1.98**

**K2669—Your Cost, Special**

### Save on Tubular Paper Condenser Kits

You save every time you order one of these 600-volt tubular paper condenser kits!

Kit No.	Contents	Size Each	Net
K2614	5—.5 Mfd.	1 1/2 x 1 1/2"	\$1.25
K2615	6—.25 Mfd.	1 1/2 x 1 1/2"	.98
K2617	8—.1 Mfd.	1 1/2 x 1 1/2"	.98
K2650	12—.05 Mfd.	1 1/2 x 1 1/2"	1.20
K2652	15—.02 Mfd.	1 1/2 x 1 1/2"	1.10
K2654	15—.01 Mfd.	1 1/2 x 1 1/2"	1.10

### SPRAGUE “600” LINE Can Type Dry Electrolytics

Extremely durable can-type dry electrolytics unexcelled for exacting P.A., power amplifier and service replacement uses. Full 600-volt surge rating. SC type has special-thread screw mounting. Hardware supplied for insulating can from mounting. AC type packed with special mounting clamps to fit any standard holes.

Type AC				Type SC			
Stock No.	Cap. Mfd.	Size—Ins. L D.	Your Cost	No.	Mfd.	L. D.	Each
K2601	4	3 1/2 x 1	\$0.73	K2616	4	3 1/2 x 1	\$0.73
K2603	8	4 1/2 x 1 1/2	.88	K2618	8	4 1/2 x 1 1/2	.88
K2607*	8-8	4 1/2 x 1 1/2	1.41	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	5 x 1 1/2	1.41

\*Dual section; 4 separate leads.

### WC Wet Electrolytics

Inverted type, furnished with mtg. nut. Non-tamper vent. Self-healing. Chrome can, negative; D.C. peak, 500 volts.

No.	Mfd.	Size—Ins.	Each
K2914	8	4 x 1 3/8	\$0.56
K2915	10	4 x 1 3/8	.62
K2923	12	4 x 1 3/8	.68
K2720	16	4 x 1 3/8	.79
K2721	18	4 x 1 3/8	.85
K2766	30	4 1/2 x 1 1/2	1.00

### Type PTM Tiny Mikes

All have adjustable metal feet for quick easy mounting.

No.	Mfd.	Size Each	Each
K3564	8	3/8 x 3/8 x 2 1/2"	44c
K3565	8	3/8 x 3/8 x 2 1/2"	56c
K3587	16	1 3/8 x 1 1/2 x 2 1/2"	85c
K3567*	8-8	1 3/8 x 1 1/2 x 2 1/2"	88c

### Upright Can Dry Electrolytics

Type LA. Popular replacement for Sparton, Zenith, Crosley, etc. Screw and nut terminals. Low power factor, low leakage. 450 V. Wkg., 525 V. peak.

No.	Mfd.	Size	Each
K3533	8-8	2 1/2 x 4 3/8"	\$1.06
K2791	5-15	2 1/2 x 4 3/8"	1.35
K3521	8-8-8	3 x 4 3/8"	1.58
K3522	9-9-18	3 x 4 3/8"	2.20

### Type PTM—450 V. Wkg.

No.	Mfd.	Size Each	Each
K3564	8	3/8 x 3/8 x 2 1/2"	44c
K3565	8	3/8 x 3/8 x 2 1/2"	56c
K3587	16	1 3/8 x 1 1/2 x 2 1/2"	85c
K3567*	8-8	1 3/8 x 1 1/2 x 2 1/2"	88c

### Type BH—25 V. Wkg.

No.	Mfd.	Size Each	Each
K3538	5	1 1/2 x 1 1/2 x 2 1/2"	29c
K3539	10	1 1/2 x 1 1/2 x 2 1/2"	29c
K3540	25	1 1/2 x 1 1/2 x 2 1/2"	38c
K3541	10-10	1 1/2 x 1 1/2 x 2 1/2"	44c

### Type BH—50 V. Wkg.

No.	Mfd.	Size Each	Each
K3542	10	1 1/2 x 1 1/2 x 2 1/2"	38c
K3543	25	1 x 1 x 2 1/2"	47c

### Type BT—200 V. Wkg.

No.	Mfd.	Size Each	Each
K3549	8	3/4 x 3/4 x 2 1/2"	47c
K3551*	8-8	1 3/8 x 3/8 x 2 1/2"	73c
K3506*	8-16	1 1/8 x 1 1/8 x 2 1/2"	85c

\* Four leads, separate sections.

**FREE MOUNTING STRAPS**  
Mounts round or square Sprague condensers. Lock in place with eyelet.  
K2677—Free on request with any order for Sprague condensers.

### “600” Line—Type TC Paper Tubulars

Non-inductively wound. 600 v. d.c.



No.	Mfd.	Each	No.	Mfd.	Each
K2627	.0001	9c	K2636	.006	9c
K2628	.00025	9c	K2637	.01	9c
K2629	.0004	9c	K2638	.02	9c
K2630	.0005	9c	K2639	.05	12c
K2631	.001	9c	K2640	.06	15c
K2632	.002	9c	K2641	.1	15c
K2633	.003	9c	K2642	.25	21c
K2634	.004	9c	K2643	.5	29c
K2635	.005	9c	K2644	1.0	47c

### Save on “600” Tubular Kit!

You make a real saving when you buy this Sprague kit of 33 TC tubular condensers: 2—.001, 3—.002, 3—.005, 5—.01, 5—.02, 4—.05, 8—.1, 2—.25 and 1—.5 mfd Shpg. wt. 3 lbs.

**K2613—Per Kit..... \$3.50**

### “400” Line—Type AA

Slightly smaller than the above. 400 volts d.c. working voltage.

No.	Mfd.	Each	No.	Mfd.	Each
K2604	.03	9c	K2610	.25	15c
K2605	.05	9c	K2611	.5	21c
K2606	.06	12c	K2612	1.0	29c
K2608	.1	12c			

### “600” Volt Line Cardboard Cased Dry Electrolytics

Type DC. Full sized electrolytics for P.A. and heavy service work. Double seal—moisture-proof construction. Long color-coded leads. 475 V working; 600 V. peak

No.	Mfd.	L. W. T.	Each
K2646	2	2 3/8 x 1 3/8 x 3/8	\$0.56
K2647	4	4 1/2 x 1 3/8 x 3/8	.68
K2649	8	4 1/2 x 1 3/8 x 1 1/2	.79
K2651*	4-4	4 1/2 x 1 3/8 x 1	1.06
K2653*	4-8	4 1/2 x 1 3/8 x 1 1/2	1.18
K2656*	8-8	4 1/2 x 1 3/8 x 1 1/2	1.29

\* 4 leads; separate sections.

### Type LD. Similar to above but 450 V. working; 525 V. peak.

No.	Mfd.	L. W. T.	Each
K3527	4	4 1/2 x 1 3/8 x 3/8	44c
K3528	8	4 1/2 x 1 3/8 x 3/8	56c
K2792	12	4 1/2 x 1 3/8 x 1 1/2	76c
K2793	16	4 1/2 x 1 3/8 x 1 1/2	85c
K3529	4-4*	4 1/2 x 1 3/8 x 1	71c
K3530	8-8*	4 1/2 x 1 3/8 x 1 1/2	88c
K2794	8-8†	4 1/2 x 1 3/8 x 1 1/2	\$1.29

(\* 4 leads; separate sections. (†) 6 leads.

### SPRAGUE MICAS

Type SM—Silvered mica, stable high “Q”. Size 1 1/4 x 3/8" 700 V. wkg.; tolerance ±10%.  
Type 1FM—Standard mica, high quality molded postage stamp unit. Size: 3/4 x 3/4". 600 V. wkg.

Cap. Mfd.	Type SM No.	Type 1FM No.	Each
.0001	K2757	\$0.15 K2769	9c
.0002	K2758	.15 K2770	9c
.00025		K2771	12c
.0005	K2759	.18 K2772	12c
.001	K2760*	.21 K2773	15c
.002	K2761*	.24 K2774	18c
.003	K2762*	.29 K2775	24c
.004	K2763*	.32 K2776	26c
.005	K2764*	.35 K2777	29c
.006		K2778	35c

\* Size 1 1/4 x 3/8".

# MALLYORY CONDENSERS

• SMALLER SIZE • HIGHEST QUALITY • FOR EVERY REPLACEMENT NEED •

## Dry Electrolytic Cardboard Carton Filters



Compact impregnated cardboard carton units with universal mounting flanges. Insulated leads. Internal metal shield. Hermetically sealed as a guarantee against moisture absorption; ideal for use under tropical conditions.

150 V. wkg. have 300 V. peak; 450 V. wkg. have 525 V. peak.

Type CS—Single Sections

No.	Mfd.	Volts	Size	Each
K3856	8	250	3/8x1 1/2x2 1/4	\$0.47
K3858	12	250	3/8x1 1/2x2 1/4	.59
K3860	16	250	1 1/8x1 1/2x2 1/4	.65
K3861	2	450	3/8x1 1/2x2 1/4	.38
K3862	4	450	3/8x1 1/2x2 1/4	.44
K3864	8	450	3/8x1 1/2x2 1/4	.56
K3866	12	450	1 1/8x1 1/2x2 1/4	.76
K3854	16	450	1 1/8x1 1/2x2 1/4	.85

Type CN—Common Negative

No.	Mfd.	Volts	Size	Each
K3876	8-8	250	3/8x1 1/2x2 1/4	.76
K3881	8-8	450	3/8x1 1/2x2 1/4	.88

Type CM—Separate Sections

No.	Mfd.	Volts	Size	Each
K3883	4-4	250	3/8x1 1/2x2 1/4	.53
K3885	8-8	250	3/8x1 1/2x2 1/4	.76
K3996	10-16	250	1 1/8x1 1/2x2 1/4	1.06
K3886	8-8-8	250	1 1/8x1 1/2x3	1.15
K3887	4-4	450	3/8x1 1/2x2 1/4	.71
K3888	4-8	450	3/8x1 1/2x2 1/4	.79
K3849	8-8	450	1 1/8x1 1/2x2 1/4	.83
K3890	8-8-8	450	1 1/8x1 1/2x3	1.23

## Inverted Can Type Dry Electrolytics



Compact filters in round cans. With 2" color coded leads. Palmut and fat washer furnished.

Type RS—Single Sections

Stock No.	Cap.	Wkg.	Size	Your Cost
K4033	50	25	2 1/2x1 1/2	\$0.62
K3917	8	250	2 1/2x1 1/2	.56
K3918	12	250	2 1/2x1 1/2	.65
K4031	30	250	3 1/2x1 1/2	.88
K4034	50	300	3 1/2x1 1/2	1.62
K3920	8	450	2 1/2x1 1/2	.62
K3921	12	450	2 1/2x1 1/2	.62
K4032	16	450	3 1/2x1 1/2	.91

Type RM—Common Negative

No.	Mfd.	Volts	Size	Each
K3923	8-8	250	3x1	.85
K3925	4-8	450	3x1	.85

Type RR—Separate Sections

No.	Mfd.	Volts	Size	Each
K3929	8-8	250	3 1/2x1 1/2	.85
K3970	8-8-8	250	3 1/2x1 1/2	1.24
K3931	8-8-16	250	3 1/2x1 1/2	1.33
K3932	8-10-16	250	3 1/2x1 1/2	1.53
K3933	4-8	450	3 1/2x1 1/2	.85
K3934	8-8	450	3 1/2x1 1/2	.94
K3935	8-8-8	450	4 1/2x1 1/2	1.35

## Wet Electrolytics

Non-forming container and efficient vents are standard on all types. Can is negative. Type "WE"

No.	Mfd.	Peak V.	Size	Each
K4098	8	250	1 1/2x3 1/2	\$0.17
K4099	15	250	1 1/2x3 1/2	.53
K4100*	18	300	1 1/2x3 1/2	.63
K4101*	40	300	1 1/2x3 1/2	.79
K4102*	18	350	1 1/2x3 1/2	.73
K4103*	30	350	1 1/2x3 1/2	.94
K4105	8	500	1 1/2x3 1/2	.56
K4106	8	500	1 1/2x3 1/2	.66
K4107	12	500	1 1/2x3 1/2	.58
K4108	16	500	1 1/2x3 1/2	.79
K4109	20	500	1 1/2x3 1/2	.88
K4110	30	500	1 1/2x3 1/2	1.00
K4111	40	500	1 1/2x3 1/2	1.12
K4113	8	600	1 1/2x4 1/2	.99
K4114	16	600	1 1/2x4 1/2	1.18

\*—Self-Regulating Type.

## "BB" Ultra-Compact Tubular Dry Electrolytics



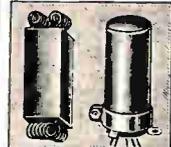
Ideal for use where space is limited. All are full rated capacity, have low power factor and leakage. Maximum voltage protection. Hermetically sealed in tubular metal vented containers with cardboard outer tube. Made with famous FABRICATED PLATE. All 1 1/2" long.

Stock No.	Cap.	Wkg.	Diam.	Your Cost	Stock No.	Cap.	Wkg.	Diam.	Your Cost
K848	10	25	1 1/8	\$0.24	K989	8	250	1 1/8	\$0.29
K875	25	25	1 1/8	.29	K990	12	250	1 1/8	.38
K876	50	25	1 1/8	.35	K991	16	250	1 1/8	.44
K986	5	50	1 1/8	.24	K883	4	350	1 1/8	.29
K987	10	50	1 1/8	.26	K884	8	350	1 1/8	.32
K877	4	150	1 1/8	.24	K885	12	350	1 1/8	.41
K878	8	150	1 1/8	.26	K886	16	350	1 1/8	.47
K879	12	150	1 1/8	.29	K887	4	450	1 1/8	.32
K880	16	150	1 1/8	.32	K888	8	450	1 1/8	.35
K881	20	150	1 1/8	.35	K889	10	450	1 1/8	.41
K882	30	150	1 1/8	.38	K992	12	450	1 1/8	.44
K988	40	150	1 1/8	.41	K993	16	450	1 1/8	.53

We maintain a complete stock of Mallory products at all times. Any item not shown here can be supplied promptly at the standard discount of 40 and 2% from the list price. Use your Mallory Encyclopedia (listed on page 110) as a guide.

## Universal Replacement Dry Electrolytic Condensers

Types SR and UR. Compact, sturdy units designed to replace original manufacturers parts exactly. From the listing below, types for the most popular radio receivers can be selected. All are moisture proofed and have low power factor.

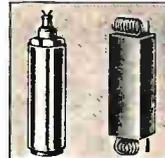


No.	Type	Cap. Mfd.	Wkg. Vlt.	Container	Size In.	Each
K3956	UR180	8-8	250-350	Carton	1 1/8x1 1/2x2 1/4	\$0.76
K3957	UR181	3-2-1-1	450	Round Can	1 1/8x2 1/4	1.23
K3958	UR182	5-25-10	150	Carton	1 1/8x1 1/2x2 1/4	.94
K3959	UR183	4-4-4	150	Carton	5/8x1 1/2x2 1/4	.79
K4069	UR192	20-20	150	Carton	1 1/8x1 1/2x2 1/4	.96
K4070	UR193	5-8-16	150	Carton	1 1/8x1 1/2x2 1/4	1.07
K4071	UR194	19-12	200	Card. Tube	1 1/8x3 1/4	.91
K4075	SR005	8-8	350	Round Can	1 1/8x3 1/4	.91
K4077	SR007	6-4-6	300-300-12	Carton	1 1/8x1 1/2x2 1/4	.91
K4079	SR609	8-8-25	400-400-25	Round Can	1 1/8x2 1/4	1.23
K4080	SR610	8-8-25	400-400-25	Carton	1 1/8x1 1/2x2 1/4	1.12
K4081	SR611	8-8-25	300-300-25	Carton	2 x2 x2 1/2	1.09
K4091	SR617	16-16-10	150-150-25	Round Can	1 1/8x2 1/4	1.15
K4096	SR519	5-5	35	Carton	3/8x3 1/2	.41
K4092	SR621	8-18-5-5	200-50	Tube	1 1/8x2 1/4	1.26

## HEAVY DUTY (HD) AND HIGH SURGE (HS) TYPES

Especially designed for public address and theatre applications; where extra safety factor is desirable. Round cans or rectangular cartons.

No.	Type	Mfd.	Wkg. Vols	Size, In.	Each
K4053	HD682	8	500 (350 P.)	1 1/8x1 1/2x2 1/4	\$0.88
K4054	HD683	8	500 (350 P.)	1 1/8x1 1/2	1.03
K4095	HD684	8	450 (325 P.)	3/8x1 1/2	.62
K4096	HD685	8	450 (325 P.)	3/8x1 1/2	.62
K4097	HD686	8-8	450 (325 P.)	4/8x1 1/2	.97
K4057	HS692	8	600 (700 P.)	1 1/8x1 1/2x3	1.44
K4058	HS693	8	600 (700 P.)	1 1/8x1 1/2	1.53



## Type FP "Fabricated Plate" Metal Cased Dry Electrolytics

New, exclusive Mallory development—now being used extensively by the large radio set manufacturers. Features: compact size; round aluminum cans with lug terminals (coded); improved power factor for better filtering; long-life; new, improved sealing prevents deterioration due to heat or humidity—yet condenser will vent under overload.



Stock No.	Cap.	Wkg.	Size	Your Cost	Stock No.	Cap.	Wkg.	Size	Your Cost
K3655	30	150	2x3 1/2	\$0.44	K3666	30, 20-10	150-25	2x1	\$0.97
K3656	20	250	2x3 1/2	.59	K3667	15, 15-20	250-25	2x1	1.18
K3657	15	300	2x3 1/2	.56	K3668	10-10-50	450-350-25	2x1	1.12
K3658	10	450	2x3 1/2	.50	K3669	20-20-10	150	2x1	1.06
K3659	15	450	2x1	.62	K3670	10-10-10	450	3x1	1.23
K3660	20	450	2x1	.73	K3671	40, 40, 150-25	2x1 1/2	1.50	
K3661	20-20	150	2x1	.71		30-20			
K3662	30-30	150	2x1	.79	K3672	20-15, 450-350-25	3x1 1/2	1.88	
K3663	20-20	250	2x1	1.00		15-20			
K3664	10-10	450	2x1	.76	K3673	10, 10, 450-25	2x1 1/2	1.53	
K3665	20-20	450	3x1	1.29		10-20			

## Mounting Plates For Above Condensers

For	Cap.	Wkg.	Size	Your Cost	For	Cap.	Wkg.	Size	Your Cost
For 3/4" dia. cans	K3674	Bakelite	K3677	Metal	Any Type				
For 1" dia. cans	K3675	Bakelite	K3678	Metal					
For 1 1/2" dia. cans	K3676	Bakelite	K3679	Metal					

3¢ ea.

## "TP" Paper Tubulars



Cil treated non-inductive units, wax filled and impregnated. All triple sea.ed. Not affected by humid climatic conditions. All have wire leads.

No.	Mfd.	Volts	Each
K3896	.01	400	9¢
K3897	.02	400	
K3898	.05	400	
K3899	.1	400	
K3899	.2	400	12¢
K3900	.25	400	
K3901	.5	400	21¢
K3819	1.0	400	

K3902 .0001 600

K3903 .00025 600

K3904 .0005 600

K3905 .001 600

K3906 .002 600

K3907 .005 600

K3908 .006 600

K3909 .01 600

K3910 .02 600

K3820 .03 600

K3821 .04 600

K3811 .05 600

K3812 .06 600

K3813 .1 600

K3914 .25 600

K3915 .5 600

K3916 1.0 600

K3823 1.0 600

12¢

15¢

21¢

29¢

47¢

## Universal Mounting Compact Dry Electrolytics

Ultra compact units ideal for use in midrange A.C.-D.C. sets. Type A has insulated leads at one end and has universal mounting tabs; Type B has insulated leads both ends and an adjustable mounting strap; Type C has bare wire leads both ends.

Single Units—Fig. A

||
||
||

# CORNELL DUBILIER



## "EY" Wet Electrolytics

Have high scintillation point and are mechanically and electrically perfect units. Vented to allow generated gas to escape harmlessly, these self-healing units have remarkably long life and fine filtering efficiency. Possess a certain amount of self-regulating properties. With mounting paint.

Stock No.	Cap. Mfd.	Size, Ins.	Your Cost
<b>200 Peak Volts (150V. Wkg.)</b>			
K1171	20	1 x 4 1/2	64c
K1172	40	1 1/2 x 4 1/2	73c
<b>300 Peak Volts (250V. Wkg.)</b>			
K1173	8	1 x 3 1/2	50c
K1174	16	1 x 3 1/2	62c
<b>350 Peak Volts (300V. Wkg.)</b>			
K1175	8	1 x 4 1/2	53c
K1176	18	1 1/2 x 4 1/2	73c
K1177	24	1 1/2 x 4 1/2	88c
K1178	30	1 1/2 x 4 1/2	94c
K1179	35	1 1/2 x 4 1/2	\$1.03
<b>500 Peak Volts (450V. Wkg.)</b>			
K1180	4	1 1/2 x 4 1/2	47c
K1181	8	1 1/2 x 4 1/2	56c
K1182	8	1 x 4 1/2	56c
K1183	8	1 x 3 1/2	56c
K1184	10	1 1/2 x 4 1/2	62c
K1185	12	1 1/2 x 4 1/2	68c
K1186	16	1 1/2 x 4 1/2	79c
K1187	18	1 1/2 x 4 1/2	88c
K1188	20	1 1/2 x 4 1/2	88c
K1189	24	1 1/2 x 4 1/2	97c
K1190	30	1 1/2 x 4 1/2	\$1.00
K1191	35	1 1/2 x 4 1/2	1.03
K1192	40	1 1/2 x 4 1/2	1.12
<b>600 Peak Volts (500V. Wkg.)</b>			
K1193	4	1 1/2 x 4 1/2	76c
K1194	8	1 1/2 x 4 1/2	88c
K1195	10	1 1/2 x 4 1/2	94c
K1196	16	1 1/2 x 4 1/2	\$1.18

## "BLUE BEAVER" Type BR Dry Electrolytics

Extremely small and very handy to use. Feature: **Electro-Chemical etching** that eliminates corrosion; **Hi-Formation Process** that affords higher voltage breakdown; **Hi-Pressure Centrifuge** that provides better impregnation and gives a lower power factor; **Hi-Purity Aluminum Foil** that makes for better direct current leakage recovery; **Special C-D Super-Purity Cellulose Separator** that gives extra long life; **Rigid chemical purity control** that assures uniform performance; **Double ageing** that provides more stable characteristics.

No.	Mfd.	Wkg.	Vlts.	In.	Each	No.	Mfd.	Wkg.	Vlts.	In.	Each
K1090	10	25	5/8x1 1/2	24c		K1104	40	150	3/4x2	41c	
K1091	20	25	5/8x1 1/2	26c		K1105	4	250	5/8x1 1/2	25c	
K1092	25	25	5/8x1 1/2	29c		K1106	8	250	5/8x1 1/2	26c	
K1093	60	25	5/8x1 1/2	35c		K1107	12	250	5/8x2	38c	
K1094	5	60	5/8x1 1/2	24c		K1108	16	250	5/8x1 1/2	44c	
K1095	10	50	5/8x1 1/2	26c		K1109	20	250	5/8x1 1/2	47c	
K1096	20	50	5/8x1 1/2	29c		K1110	40	250	5/8x2 1/2	56c	
K1097	25	50	5/8x1 1/2	32c		K1111	4	450	5/8x1 1/2	35c	
K1098	50	50	5/8x1 1/2	41c		K1112	8	450	5/8x2	32c	
K1099	4	150	5/8x1 1/2	24c		K1113	12	450	3/4x2	44c	
K1100	8	150	5/8x1 1/2	26c		K1114	16	450	3/4x2 1/2	53c	
K1101	12	150	5/8x1 1/2	29c		K1115	20	450	1x2 1/2	59c	
K1102	16	150	5/8x1 1/2	32c		K1116	8	500	5/8x1 1/2	50c	
K1103	20	150	5/8x1 1/2	35c		K1117	16	500	1x2 1/2	76c	

**"BRL" Dual Beavers (Com. Neg.)**  
Dual "Beavers" with common negative. Provided with sturdy center mounting strap; only one screw mounts under chassis. With long color-coded leads.

No.	Mfd.	Wkg.	Vlts.	In.	Each	No.	Mfd.	Wkg.	Vlts.	In.	Each
K1118	5-5	25	5/8x1 1/2	35c		K1124	20-20	150	3/4x2 1/2	62c	
K1119	10-10	25	5/8x1 1/2	41c		K1125	8-16	250	1x2 1/2	62c	
K1120	5-5	50	5/8x1 1/2	44c		K1126	16-16	250	1x2 1/2	73c	
K1121	10-10	50	5/8x2 1/2	47c		K1127	8-8	450	1x2 1/2	62c	
K1122	8-8	150	5/8x2 1/2	47c		K1128	8-16	450	1 1/2x3 1/4	79c	
K1123	8-16	150	5/8x2 1/2	50c							

## Type BRS Dual Beavers (Common Positive)

No.	Mfd.	Wkg.	Vlts.	In.	Each	No.	Mfd.	Wkg.	Vlts.	In.	Each
K1200	4-8	150	1 1/2x2 1/2	56c		K1204	16-16	150	1x2 1/2	74c	
K1201	8-8	150	1 1/2x2 1/2	59c		K1205	20-20	150	1 1/2x2 1/2	79c	
K1202	4-12	150	1 1/2x2 1/2	59c		K1207	30-10	150	1 1/2x2 1/2	79c	
K1203	8-16	150	1 1/2x2 1/2	65c		K1208	30-20	150	1x2 1/2	82c	

## "KR" Dry Electrolytics

Extremely compact etched foil dry electrolytics with color coded leads. May be mounted in any position—either above or below sub-panel. Seamless drawn aluminum can equipped with mounting nut. Furnished with long insulated, color coded leads. Dual units have separate sections. Mounting nut supplied.

Stock No.	Cap. Mfd.	Size, Ins.	Your Cost
<b>250 Volts DC Working</b>			
K1291	4	1 x 2 1/2	44c
K1292	8	1 x 2 1/2	56c
K1294	8-8	1 1/2 x 2 1/2	85c
<b>450 Volts DC Working</b>			
K1295	4	1 x 2 1/2	50c
K1296	8	1 x 2 1/2	62c
K1297	12	1 x 2 1/2	82c
K1298	16	1 x 3 1/2	91c
K1299	4-8	1 1/2 x 3	85c
K1300	8-8	1 1/2 x 3	94c
K1302	8-8-8	1 1/2 x 4	1.36

## PE-CH & PE-B Paper Dielectric Capacitors

Paper condensers that simulate electrolytics. Have higher voltage breakdown than electrolytics—no polarity.

No.	R-Mfd.	A-Mfd.	Size	Each
<b>PE-CH 1100V. Test—450V. Wkg.</b>				
K1281	4	2	4 1/2x1 1/2x1 1/2	53c
K1282	8	3 1/2	4 1/2x1 1/2x1 1/2	63c
K1283	8-8	2 1/2x2 1/2	4 1/2x1 1/2x1 1/2	1.12
<b>PE-CH 1200V. Test—600V. Wkg.</b>				
K1284	4	2	4 1/2x1 1/2x1 1/2	70c
K1285	8	3	4 1/2x1 1/2x1 1/2	94c
K1286	8-8	2 1/2x2 1/2	4 1/2x1 1/2x1 1/2	1.56
<b>PE-B 1200V. Test—600V. Wkg.</b>				
K1287	4	1 1/2	1 1/2x4 1/2	79c
K1288	8	2 1/2	1 1/2x4 1/2	1.03
K1289	8-8	1 1/2x1 1/2	1 1/2x4 1/2	1.65

R-Mfd = Value of electrolytic condenser to be replaced. A-Mfd = Actual capacity.

## "DT" Paper Tubulars

Halowax impregnated, multi-laminated Kraft tissue, Wax impregnated tube, wax-potted ends, oil-cooled Conservative D.C. rating.

### 400 V. DC Working

Stock No.	Cap. Mfd.	Your Cost
K1221	.01	9c
K1222	.015	9c
K1223	.02	9c
K1224	.025	9c
K1225	.03	9c
K1226	.04	9c
K1227	.05	9c
K1228	.06	12c
K1229	.1	12c
K1230	.2	15c
K1231	.25	15c
K1232	.5	21c
K1233	1.0	29c

### 600 V. DC

Stock No.	Cap. Mfd.	Your Cost
K1234	9c	.0001
K1235	9c	.00025
K1236	9c	.0005
K1237	9c	.001
K1238	9c	.002
K1239	9c	.003
K1240	9c	.004
K1241	9c	.005
K1242	9c	.006
		.007
		.008

### 1600 V. D.C.

Stock No.	Cap. Mfd.	Stock	Your Cost
K1243	9c	.0001	
K1244	9c	.00025	
K1245	9c	.001	
K1246	9c	.015	
K1247	9c	.02	
K1248	12c	.025	
K1249	12c	.08	
K1250	12c	.04	
K1251	12c	.05	
K1252	15c	.06	
		.075	
K1253	15c	.1	
K1254	21c	.2	
K1255	21c	.25	
K1256	27c	.3	
K1257	29c	.5	

\*Auto-Radio Vibrator Units

## Type "UP" Dry Electrolytics

The type UP construction represents the smallest physical size of metallic cans into which any capacity and voltage combination can be supplied and single, dual, triple and quadruple capacity combinations are available. Seamless drawn aluminum cans are fitted with a molded bakelite terminal block. Terminals are lead coated steel lugs which are moulded right into the block. Block is gasket sealed into the can and fitted with a positive quick-acting vent. Projected tongue mountings are provided for mounting cans directly to the chassis. Bakelite plates available for insulated mounting.

No.	Mfd.	Vlts.	In.	Each	No.	Mfd.	Vlts.	In.	Each
K1164	30	250	1x2	\$0.68	K1160	10-10/20	450-350/25	1x2	\$1.12
K1150	10	450	1x2	.50	K1166	10-10/20	450/25	1x3	1.12
K1151	20	450	1x2	.73	K1167	10-10/20	450/25	1x3	1.35
K1152	40	450	1x3	1.18	K1163	10-30-30	150	1x3	1.06
K1153	15-30	150	1x2	.71	K1157	20-20-20	160	1x2	1.06
K1154	20-20	150	1x2	.70	K1168	10-15-15	250	1x2	1.26
K1155	30-30	150	1x2	.79	K1165	10-20-30	250/350	1x3	1.56
K1149	50-50	150	1x3	.88	K1211	20/15-10	450/300-300	1x3	1.53
K1156	20-20	250	1x3	1.00	K1212	15-20-20	450-350-250	1x3	1.59
K1158	16-10	450	1x2	.76	K1213	10-10-10	450	1x3	1.23
K1159	30-20/20	150/25	1x2	.97	K1169	15-15/10	450/300	1x3 1/2	1.35
K1209	50-50/20	150/25	1x3	1.18	K1214	10-10-10/20	450/25	1 1/2x2	1.53
K1159	15-15/20	250/25	1x3	1.18					
K1161	10-10/20	350/25	1x2	1.12					

K1170—Bakelite mounting plate for any of the above. Each .3c

## Type EZ Dual Cardboard Tubular Units

An especially popular type capacitor for radio servicing where low cost replacements are required. Designed with mounting feet for upright mounting to replace inverted can types, spade-lug units, or may be mounted beneath chassis by means of center mounting strap. Unused mounting easily removed by cutting pliers. Completely sealed moisture-proof cardboard casings, special wax compound filling. Provided with insulated wire leads six inches long. Capacities, voltages and color code of wire leads stamped on each unit.

No.	Mfd.	Vlts.	In.	Each	No.	Mfd.	Vlts.	In.	Each
K1326	16	250	1x2 1/2	\$0.44	K1333	30-20/10	150	1 1/2x2 1/2	\$3.88
K1327	8	450	3/4x2 1/4	.35	K1335	20-10/25	400-350/25	1 1/2x3 1/2	1.03
K1328	16	450	1 1/2x2 1/4	.53	K1336	8-8/20	250/25	1 1/2x3	.88
K1329	8-8	450	1 1/2x3	.79	K1337	16-16/20	250/25	1 1/2x3 1/2	1.18
K1330	8-16	450	1 1/2x3 1/4	.97	K1338	8-8/20	450/25	1 1/2x3 1/4	.97
K1331	16-16	450	1 1/2x4 1/4	1.18	K1339	8-8-8	250	1 1/2x3	.88
K1332	30-10/20	150/25	1x3	.85	K1341	30-20	150/25	1 1/2x2 1/4	1.06

\* First Section Separate, Others Common Nervative.

**FREE!** Cornell-Dubilier Capacitor Manual for Radio Servicing, free with order for Cornell-Dubilier condensers.

## "JR" Electrolytics

# WIRE-WOUND RESISTORS

## Trutest 5 and 10 Watt Resistors Wire-Wound



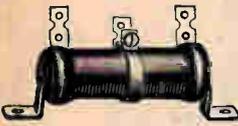
### Tolerance Within 2%

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						
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.

K4439—TRUTEST 5-Watt Resistors	14¢	10 For	\$1.25
Your Cost Each, Any Size			
K4439—TRUTEST 10-Watt Resistors	20¢	10 For	\$1.80
Your Cost Each, Any Size			



## Trutest Semi-Variable Wire-Wound Resistors

Vitreous enamel coated. Adjustable lugs have small contact buttons so that several taps can be used without shorting out much resistance. Brackets and one slider furnished.

25 Watts (2x 1/2")			50 Watts (4x 1/2")			80 Watts (6x 1/2")		
No.	Ohms	Each	No.	Ohms	Each	No.	Ohms	Each
K20740	1		K20770	100		K20800	100	
K20741	2		K20771	200		K20801	200	
K20742	3		K20772	300		K20802	300	
K20743	5		K20773	400		K20803	400	
K20744	10		K20774	500		K20804	500	
K20745	20		K20775	800		K20805	500	
K20746	50		K20776	1000		K20806	1000	
K20747	100		K20777	1500		K20807	1500	
K20748	200		K20778	2000		K20808	2000	
K20750	500	42¢	K20779	2500		K20809	2500	
K20751	750		K20780	3000		K20810	3000	
K20752	800		K20781	4000		K20811	4000	
K20753	1000		K20782	5000		K20812	5000	
K20754	1500							
K20755	2000		K20783	6000		K20813	6000	
K20757	2500		K20784	7000		K20814	7000	
K20759	4000		K20785	8000		K20815	7500	
K20760	5000		K20786	9000		K20816	10000	
			K20787	10000		K20817	15000	
K20761	6000		K20788	12000	73¢	K20818	20000	
K20762	7000		K20789	15000		K20819	25000	
K20763	8000		K20790	20000				
K20765	10000	46¢	K20791	25000		K20820	30000	
K20795	15000		K20792	30000		K20821	40000	\$1.10
K20796	20000		K20793	40000		K20822	50000	
K20797	25000	54¢	K20794	50000	83¢	K20823	100000	1.22

K20825—Extra sliders to fit any of the above resistors. Each .5c

## Trutest Vitreous Resistors

Guaranteed plus or minus 10%. All are non-porous, dissipate heat rapidly, have positive lug contacts and do not change in resistance value. Each marked for resistance.



10-Watt Rating 3/8x1 1/2" Isolantite Tube			
No.	Ohms	No.	Ohms
K4850	5	K4866	100
K4854	1	K4868	150
K4856	10	K4869	200
K4861	30	K4870	250
K4863	40	K4872	400
K4864	50	K4873	500

20-Watt Rating 1/2x2" Isolantite Tube			50-Watt 3/4x4" Tube		
No.	Ohms	Each	No.	Ohms	Each
K4910	25		K4936	2500	
K4911	50		K4938	3000	
K4913	100		K4940	4000	
K4915	200		K4942	5000	
K4919	400	32¢	K4943	6000	32¢
K4920	500		K4946	8000	5 For
K4923	750	5 For	K4947	10000	\$1.42
K4926	1000	\$1.42	K4949	15000	
K4930	1500		K4950	25000	
K4933	2000		K4952	50000	
K4934	2250		K4982	100000	37¢

## TRUTEST Ohm Indicator

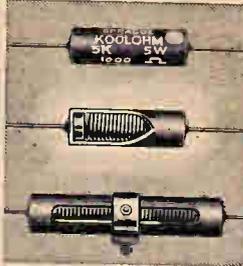
Determines replacement value for burned out resistors. Wire-wound on cement coated Isolantite tube. Test prods and test clips



furnished. Easy to use. Shpg. wt. 21bs. K4997—Your Cost Each \$1.49

## SPRAGUE "KOOLOHM" Resistors

- Guaranteed 5% Accuracy
- New Type of Coating
- With "Teledot" Indicator
- No Shorted Turns



### EXCLUSIVE

Employ new type, completely insulated resistance wire. Insulation has high dielectric strength, withstands red heat, is impervious to moisture and conducts heat rapidly. Units are encased in tubular ceramic shells which permit mounting in contact with metal parts without shorting. A red "Teledot" on one end of unit acts as overload indicator, turning brown at 25% or more overload and resuming its red color when overload is removed. Accuracy guaranteed  $\pm 5\%$ . Non-inductive types show zero inductance up to 50 mc, and distributed capacitance is only 2 mmfd. All have pigtail wire leads.

### STANDARD FIXED

Ohms	Ohms	Ohms	Ohms
10	250	2500	20,000
20	300	3000	25,000
25	400	5000	30,000
30	500	7500	40,000
50	750*	10,000	50,000*
75	1000	12,000*	60,000*
100	1250	12,500†	70,000*
150	1500	15,000	
200	2000	17,500*	

†—5 watt only. \*—10 watt only.

Type 5K—5 Watts. 1 1/2x1 1/2"		
No.	Ohms	Each
K7513	10 to 5,000	18c
K7514	7,500 to 10,000	21c
K7515	12,500 to 15,000	24c
K7516	20,000	27c
K7517	25,000	29c
K7518	30,000	35c
K7519	40,000	44c

Type 10K—10 Watts. 1 3/4x1 1/2"		
No.	Ohms	Each
K7520	10 to 15,000	24c
K7521	17,500 & 20,000	29c
K7522	25,000	32c
K7523	30,000	35c
K7524	40,000	44c
K7525	50,000	53c
K7526	60,000	65c
K7527	70,000	71c

### STANDARD ADJUSTABLE

Type 10AD—10 Watt. 1 3/4x1 1/2"			
With adjustable clip.			
Ohms	Ohms	Ohms	Ohms
10	200	750	3000
25	250	1000	4000
50	300	1500	5000
100	400	2000	7500
150	500	2500	10,000

K7534—Any above

Your Cost Each . . . . . 35¢

### NON-INDUCTIVE FIXED

Type 10NI—10 Watt. 1 3/4x1 1/2"			
Ohms	Ohms	Ohms	Ohms
10	70	500	2500
20	80	750	3000
30	90	1000	3500
40	100	1250	4000
50	250	1500	5000
60	400	2000	7500

Stock No. Ohms Each

K7528 10 to 1000 29c

K7529 1250 to 2000 32c

K7530 2500 to 4000 35c

K7531 5000 41c

K7532 7500 44c

K7533 10,000 59c

## 5-Watt Flat Wire-Wound Resistors

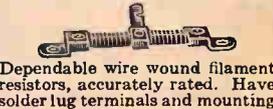


Ideal for replacement work. They are flat and fit into tight places. 1 1/2" tinned leads. Element covered by high temperature electric cement. Sizes: under 10,000 ohms, 1 1/2x1 1/2"; above 10,000 ohms, 2x1 1/2"

100	500	2500	10000
150	750	3000	12500
200	1000	4000	15000
250	1250	5000	17500
300	1500	7500	20000
400	2000	9000	25000

K5300—Your Cost Each, Specify Size . . . . . 15¢

## Filament Resistors

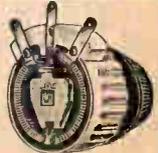


Dependable wire wound filament resistors, accurately rated. Have solder lug terminals and mounting feet. Available with tap at the electrical center or without any tap. Supplied in the following resistances only:

With Center Tap	
Resistance	Cost
10, 20, 30, 40, 50, 60 and 100 ohms.	
K3999—Specify resistance desired. 10 For 71c.	8¢
Your Cost Each . . . . .	
Without Center Tap	
Resistance	Cost
K3998—Specify resistance desired. 10 For 63c.	7¢
Your Cost Each . . . . .	

## IRC All-Metal Rheostats

All-metal units with die-cast aluminum case. Heat is uniformly distributed throughout the element regardless of percentage of element actually used. Flat clockspring (Silent Spiral Connector) gives positive contact between rotor arm and center connector. 25-Watt units 1 1/2" dia., 3 1/2" behind panel; 50-Watt units 2 1/4" dia., 1 3/4" behind panel. Shpg. wt. 2 lbs.



25-Watt Rheostats		
No.	Ohms	Amps. Each
K9150	6	2.04
K9151	10	1.58
K9152	25	1.00
K9153	50	.709
K9154	75	.575
K9155	100	.500
K9156	250	.315
K9157	350	.267
K9158	500	.222
K9159	750	.173
K9160	1000	.155
K9161	1500	.129
K9162	2500	.100
K9163	5000	.070

50-Watt Rheostats		
No.	Ohms	Amps. Each
K7746	6	2.88
K7747	16	1.77
K7748	50	1.00
K7749	125	.680
K7750	225	.470
K7751	300	.407
K7752	500	.315
K7753	1000	.223
K7754	2500	.140
K7755	5000	.100
K7756	10000	.070

# Trutest R.M.A. Coded Carbon Resistors

## Trutest 2-Watt Carbon Resistors



Heavy-duty carbon resistors, absolutely moisture proof. RMA color coded for easy identification; made of the finest material and workmanship. **Guaranteed accuracy, 1% plus or minus.** The average are within 5%. Resistance

values will not vary at normal voltage. Ideal for replacement across small voltage divider sections, bleeders, etc. Also, for public address amplifiers or for test instrument replacement. Size 2" L. x 1/2" O.D.

Ohms	Stock No.	Ohms	Stock No.	Ohms	Stock No.	Ohms	Stock No.
200	K4450	2500	K4460	10000	K4469	70000	K4479
400	K4451	3000	K4461	12000	K4470	75000	K4480
500	K4452	3500	K4462	15000	K4471	100000	K4481
600	K4453	4000	K4463	17000	K4472	125000	K4482
700	K4454	5000	K4464	20000	K4473	150000	K4483
800	K4455	6000	K4465	25000	K4474	200000	K4484
1000	K4456	7000	K4466	30000	K4475	250000	K4485
1250	K4457	7500	K4467	40000	K4476	300000	K4486
1500	K4458	8000	K4468	50000	K4477	500000	K4487
2000	K4459			60000	K4478		

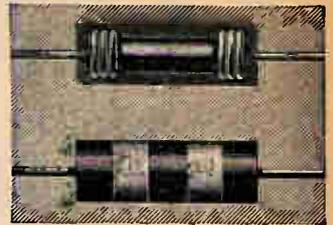
Your Cost Each ..... 89c 25 For ..... \$1.73  
12 For ..... 89c 25 For ..... \$1.73

## Trutest INSULATED 1/2 & 1 Watt Carbon Resistors

★ Molded Insulated Outer Shells

★ Withstand Heat, Moisture and Mechanical Tension

★ Low Drift.



Improved, finer carbon resistors, with heavy molded insulating shells which make them impervious to moisture, heat and mechanical strain. **Guaranteed accuracy 10%;** average 5%. Ideal for congested wiring of receivers. Insulation permits resistors to touch each other without shorting. Top illustration shows internal construction. Half-watt units 3/4 x 1/2" dia. One-watt units 1 1/2 x 1/2" dia. RMA color-coded.

Resis. Ohms	1/2-Watt Stock No.	1-Watt Stock No.	Resis. Ohms	1/2-Watt Stock No.	1-Watt Stock No.
200	K4250	K4300	25000	K4274	K4324
300	K4245	K4348	30000	K4275	K4325
400	K4251	K4301	40000	K4276	K4326
500	K4252	K4302	50000	K4277	K4327
600	K4253	K4303	60000	K4278	K4328
700	K4254	K4304	70000	K4279	K4329
800	K4255	K4305	75000	K4280	K4330
1000	K4256	K4306	100000	K4281	K4331
1250	K4257	K4307	125000	K4282	K4332
1500	K4258	K4308	150000	K4283	K4333
2000	K4259	K4309	200000	K4284	K4334
2500	K4260	K4310	250000	K4285	K4335
3000	K4261	K4311	300000	K4286	K4336
3500	K4262	K4312	400000	K4287	K4337
4000	K4263	K4313	500000	K4288	K4338
			750000	K4298	K4347
5000	K4264	K4314	1	K4288	K4338
6000	K4265	K4315	1.5	K4288	K4338
7000	K4266	K4316	2	K4289	K4339
7500	K4267	K4317	2.5	K4289	K4339
8000	K4268	K4318	3	K4290	K4340
			4	K4291	K4341
9000	K4266	K4349	5	K4292	K4342
10000	K4269	K4319	6	K4293	K4343
12000	K4270	K4320	7	K4294	K4344
15000	K4271	K4321	8	K4295	K4345
17000	K4272	K4322	9	K4296	K4346
20000	K4273	K4323	10	K4297	K4347

1/2-WATT SIZE		1-WATT SIZE	
Your Cost Each.....	5c	Your Cost Each.....	6c
12 For.....	45c	100 For.....	\$3.55
		12 For.....	56c
		100 For.....	\$4.45

## Resistor Color Code Indicator

Permits instant determination of the value in ohms of any R.M.A. color coded resistor. **K3847—Your Cost Each..... 5c**

**This Indicator FREE with purchases of 12 or more Trutest Carbon Resistors.**



## SERVICEMANS SPECIALS

### 1/2 & 1 Watt R.M.A. Carbon Resistors



Here's another Lafayette EXCLUSIVE serviceman's offer that helps you to build profits! Our tremendous buying power makes this offer possible—stock up now and save! All are R.M.A. coded and held to acceptable tolerances. Specify stock number of type and resistance desired.

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

K5239—1/2-Watt Size..... 3c ea. 100 For \$2.25  
K5240—1-Watt Size..... 3c ea. 100 For \$2.25

**KIT OF 100 RESISTORS:** An assortment of 100 popular sizes. Contains (approximately): 25—1/4 watt, 25—1/2 watt and 50—1 watt resistors. All have R.M.A. color code. Shpg. wt. 2 lbs. **\$1.15**

**K3852—Kit of 100, Your Cost..... \$1.15**

### 10-Watt Adjustable Wire Wound



High quality vitreous enamel coated adjustable wire wound units. Lug terminals. 1 3/4 x 3/4" O.D.; with mtg. brackets. Specify resistance. **K4445—**

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms
10	50	150	500	2000	5000
25	100	200	1000	2500	10000

**K4446—Extra Slider for above..... Each 5c**

### Power and Super-Power Clarostats

Heavy duty variable resistors suitable for use by experimenters, radio servicemen, industrial electricians, etc. Power Clarostats will handle 50 watts continuously; Super-Power units handle 100 watts. Resistance material—heavy carbon. Construction permits fine adjustment in each range. Both single hole mounting. With knobs. Shpg. wt. 1 lb. each.



Power Super-Power		Range
No.	No.	Ohms
K6831	K6834	1/4 to 10
K6832	K6835	25 to 500
K6833	K6836	200 to .1 meg.

Power Clarostats **\$2.05**  
Your Cost Each.....  
Super-Power Type **\$3.50**  
Your Cost Each.....



### CENTRALAB Power Rheostats

Ideal for use as motor speed controls, charging rate regulators, etc. All metal frame and core insulated with treated asbestos. Wire wound. Single hole mounting; knob supplied. All 2" diameter. Bushing 3/8 x 1/2" long. Shaft 1/4 x 1/2" long. Depth behind panel: 25-watt, 3/4"; 50-watt, 1 1/4"; 75-watt, 1 3/4". Shpg. wt. 1 lb.

25-WATT UNITS		50-WATT UNITS		75-WATT UNITS	
No.	Ohms	No.	Ohms	No.	Ohms
K8977	2	K8987	25	K8995	50
K8978	6	K8988	60	K8996	150
K8979	15	K8989	150	K8997	300
K8980	50	K8990	500	K8998	500
K8976	100	K8991	1000	K8999	1000
K8981	150	K8992	2500		
K8957	250				
K8982	400				
K8958	500				
K8983	1000				
K8984	5000				

**\$1.18** **\$1.47** **\$1.76**

### BRADLEY 75-Watt Radiostat

For radio transmitters and for industrial uses. Resistance variable from 4 to 150 ohms. Regulates transformers rated up to 500 watts. 3-hole mtg. 3 1/4 x 7". Wt. 5 lbs. **\$5.42**  
K14128—Your Cost Each.....



### HARDWICK-HINDLE 25-Watt 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 1/2"; 1/4" shaft; rotation 285 degrees. All rated 25-watts maximum. Have screw terminals. **Furnished with knob.**

Stock No.	Resis. Ohms	Max. Amps.	Your Cost
K8963	10	1.58	
K8964	25	1.00	
K8965	50	.706	
K8966	100	.500	
K8967	250	.316	
K8968	500	.222	
K8969	1000	.158	
K8970	2500	.100	
K8971	5000	.070	

**\$1.68** **\$1.96**

# IRC RESISTORS IRC



## Type BT Insulated Resistors Type F Metallized Resistors



An all-purpose line of high quality units for all radio work. Type BT employ the famous metallized element sheathed in an overall covering of moisture proof phenolic compound. Type F are the original famous Metallized units housed in Isolantite. Both types are non-inductive. Have pig-tail wire leads. Tolerance  $\pm 10\%$ .

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Mega
1	100	600	3000	10000	30000	125000	1.0
2	150	750	3500	11000	35000	150000	1.5
3	200	800	4000	12000	40000	200000	2.0
5	250	1000	5000	15000	50000	250000	3.0
10	300	1250	6000	17500	60000	300000	4.0
15	350	1500	7000	17500	65000	400000	5.0
20	400	2000	7500	20000	70000	500000	6.0
25	450	2250	8000	22500	75000	600000	10.0
30	500	2500	9000	25000	100000	750000	20.0

### Specify Resistance Desired When Ordering

$\frac{1}{2}$ -Watt BT- $\frac{1}{2}$	1-Watt BT-1	2-Watt BT-2
$1\frac{1}{2} \times \frac{3}{4}$ " 250 ohms up. K5206—Each	$1\frac{1}{4} \times \frac{3}{4}$ " 350 ohms up. K5207—Each	$1\frac{3}{4} \times \frac{3}{4}$ " 500 ohms up. K5263—Each
<b>10c</b>	<b>12c</b>	<b>18c</b>

$\frac{1}{2}$ -Watt F- $\frac{1}{2}$	1-Watt F-1	2-Watt F-2
$1\frac{1}{2} \times \frac{3}{4}$ " 50 ohms to 20 megohms. K5250—Each	$1\frac{1}{4} \times \frac{3}{4}$ " 100 ohms to 20 megohms. K5251—Each	$1\frac{3}{4} \times \frac{3}{4}$ " 50 ohms to 20 megohms. K5252—Each
<b>10c</b>	<b>12c</b>	<b>18c</b>

## "BW" Insulated Wire-Wound Resistors

Similar to the BT units listed above, but contain a wire wound element, completely encased in molded compound. Tolerance  $\pm 10\%$ . Order sizes desired from tabulated listing above.

### Specify Resistance Desired When Ordering

$\frac{1}{2}$ -Watt BW- $\frac{1}{2}$	1-Watt BW-1	2-Watt BW-2
$\frac{5}{8} \times \frac{3}{4}$ " 1 to 750 ohms. K5298—Each	$1\frac{1}{4} \times \frac{3}{4}$ " 1 to 5000 ohms. K5299—Each	$1\frac{3}{4} \times \frac{3}{4}$ " 1 to 8000 ohms. K5299—Each
<b>10c</b>	<b>12c</b>	<b>18c</b>



## Wire-Wound Variables

Preferred by servicemen and amateurs. Dissipate heat rapidly, withstand heavy overloads, have great mechanical strength. All (except 10 watt units) are supplied with a NEW highly improved contact band that has a stainless steel spring spot-welded to it. The spring carries a silver contact Lutton on which the pressure never varies—no torn resistance wire, no corroded contacts. Band is threaded so that no nut is required for the bolt. Mounting brackets furnished with all but the 10-watt units.

the pressure never varies—no torn resistance wire, no corroded contacts. Band is threaded so that no nut is required for the bolt. Mounting brackets furnished with all but the 10-watt units.

Check this list with information given with each unit. Specify resistance desired.

Ohms	Ohms	Ohms	Ohms
5	250	2500	15000
10	500	3000	20000
25	750	3500	25000
50	1000	4000	40000
100	1250	5000	50000
150	1500	7500	75000
300	2000	10000	100000

### Type ABA—10 Watts

$1\frac{1}{2} \times \frac{3}{4}$ " Range up to 10,000 ohms. (See list above).  
K5262  
Your Cost Each **35c**  
K5213—Extra slider for above.  
Your Cost Each **6c**

### Type DHA—25 Watts

$2\frac{1}{2} \times \frac{3}{4}$ " Range up to 25,000 ohms. (See list above).  
No. From To Each  
K5274 5 5,000 50c  
K5275 7,500 15,000 56c  
K5276 20,000 25,000 65c  
K5214—Extra slider (plain). 6c  
K5219—Extra slider (silver). 12c

### Type EPA—50 Watts

$4\frac{1}{2} \times \frac{3}{4}$ " Available in sizes up to 500,000 ohms. See list above. Each with brackets and one slider.  
No. From To Each  
K5286 5 5,000 50.79  
K5287 7,500 25,000 .88  
K5288 40,000 50,000 1.00  
K5289 75,000 100,000 1.18

### Type ESA—80 Watts

$6\frac{1}{2} \times 1\frac{1}{4}$ " Available in all sizes as listed at left. Each with 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

$6\frac{1}{2} \times 1\frac{1}{4}$ " Available in the following resistances.

Ohms	Ohms	Ohms	Ohms
100	2500*	10000*	50000*
500*	5000*	15000	75000*
1000*	7500	25000*	100000*

No.	From	To	Each
K5266	100	5,000	\$1.18
K5267	7,500	25,000	1.32
K5268	50,000	100,000	1.47
K5269	75,000	100,000	1.62

### Type HOA—200 Watts

$10\frac{1}{2} \times 1\frac{1}{4}$ " In sizes marked by asterisk in list above.

No.	From	To	Each
K5270	500	10,000	\$1.76
K5271	25,000	100,000	2.06

### Extra Sliders

Both plain and silver contact types to fit resistor sizes listed.

Size	Plain	Sl. Silver	Sl. Silver
50-80W	K5215	6c	K5217 12c
100-200W	K5216	9c	K5218 15c

## WIRE-WOUND POWER RESISTORS



Accuracy 5%

Machine wound on non-hydroscopic cores; protective coating of special cement. Moisture proof.

Ohms	Ohms	Ohms	Ohms
1	500†	4000†	15000†
5	750*	4500	20000*
10	1000†	5000†	25000†
25	1250*	6000	30000
50	1500†	7000	35000
75	2000†		40000
100†	2250	7500†	60000†
150	2500†	10000†	60000
200	3000	12000	75000†
250†	3500	12500	100000†

Type "AB" 10-Watt Rating  
30,000 ohms and over are 5 watts.  $1\frac{1}{2}$ " long,  $\frac{3}{8}$ " diam. Range up to 50,000 ohms (see list).  
K5210—Your Cost Each **24c**

Type "DG" 20-Watt Rating  
60,000 ohms and over are 10 watts. 2" long,  $\frac{3}{8}$ " 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 (Max.)  
 $4\frac{1}{2}$ " long,  $\frac{3}{4}$ " 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 (Max.)  
 $6\frac{1}{2}$ " long,  $1\frac{1}{4}$ " 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
K5234	50,000 ohms		1.18
K5235	75,000 ohms		1.32
K5236	100,000 ohms		1.47

Type "HO" 200-Watt (Max.)  
 $10\frac{1}{2}$ " long,  $1\frac{1}{4}$ " diam. Range up to 100,000 ohms. Only in sizes marked with (†); see list.

No.	From	To	Each
K5237	100	10,000	\$1.47
K5238	15,000	100,000	1.76



## Precision Wire Wound Resistors



WW-1— $2\frac{1}{2} \times \frac{3}{8}$ " WW-2— $2\frac{1}{2} \times \frac{3}{8}$ "  
Guaranteed accuracy 1%. These resistors are non-inductively wound. Winding is specially impregnated. Type WW-1 and WW-2 have ferules with binding post terminals. WW-4 has lug type terminals.

### Type WW-4

Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
K5125	200		K5136	30000	
K5126	300	50c	K5138	40000	79c
K5124	500		K5139	50000	
K5127	1000	53c	K5140	60000	94c
K5128	2500		K5141	75000	
K5129	5000		K5142	100000	1.09
K5130	7500	59c	K5099	150000	1.38
K5131	10000		K5100	200000	1.38
K5132	12500	65c	K5101	250000	1.53
K5133	15000		K5102	300000	1.68
K5134	20000	79c	K5122	400000	1.76
K5135	25000		K5123	500000	2.00

### Type WW-1

Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
K5150	1		K5148	15000	79c
K5154	5	68c	K5171	20000	
K5159	10		K5174	22500	
K5160	25		K5172	25000	94c
K5161	50	68c	K5173	30000	
K5162	100		K5176	50000	
K5164	200		K5177	60000	1.12
			K5178	75000	

Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
K5200	250		K5179	100000	1.23
K5204	400	68c	K5181	150000	1.56
K5165	500		K5182	175000	1.56
K5166	1000		K5183	200000	1.56
K5143	1500	68c	K5184	225000	1.71
K5144	2000		K5185	250000	

Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
K5167	2500	73c	K5190	275000	
K5145	3000		K5186	300000	1.85
K5168	5000		K5187	400000	
K5147	7500	73c	K5188	500000	2.15
K5169	10000				

### Type WW-2

Stock No.	Res. Ohms	Your Cost	Stock No.	Res. Ohms	Your Cost
K5193	750,000	2.65	K5202	1 1/2 Meg.	4.41
K5194	1 Meg.	3.09	K5115	2 Meg.	5.88

## FUSED RESISTANCE ANALYZER

New continuously variable calibrated indicator. Range: 0 to 1 megohm. Direct reading on etched scale. Attractive Bakelite case. Reads 0-30,000 ohms on wire-wound rheostat element, continues to 1 meg. on metallized element. 4 leads with alligator clips. Mounting flange.

K5273—Shpg. wt. 3 lbs.  
Your Cost **\$4.85**



Range 0-1 Meg.

## IRC Ultra High Range Resistors

Tolerance 20%. No surface leakage. Metallized ends, ceramic insulation  $1\frac{1}{2} \times 1\frac{1}{2}$ ". Max. volts 500.

Resistor	Cost	Resistor	Cost
K5116—100 Meg.	\$1.00	K5119—1000 Meg.	\$1.50
K5117—250 Meg.	1.00	K5120—5000 Meg.	1.50
K5118—500 Meg.	1.00	K5121—10000 Meg.	2.00

## Resisto-Cabinet

Given FREE with any of the following resistor kits. Steel, four drawer (7 compartments in each) cabinets 11x5 1/2 x 5 1/2". Blue and silver finish.

### KIT No. 1

8 Type BT-1/2 half watt resistors, 37 type BT-1 one watt resistors, 10-type AB 10 watt fixed resistors, 4-type ABA 10 watt adjustable resistors. Total 59 resistors having list value of



\$15.16. Cabinet FREE. Shpg. wt. 7 lbs.

Kit	Description	Cost
K5281	Your Cost, Complete	<b>\$8.91</b>
KIT No. 2	Contains 100 type BT-1/2 half watt resistors plus FREE cabinet. List value \$17.00. Shpg. wt. 7 lbs.	<b>\$9.80</b>
K5280	Your Cost, Complete	<b>\$9.76</b>
KIT No. 3	Contains 83 BT-1 one watt resistors plus FREE cabinet. List value \$16.60. Shpg. wt. 7 lbs.	<b>\$9.76</b>
K5282	Your Cost, Complete	<b>\$9.76</b>

# YAXLEY \* IRC \* Centralab

## VOLUME CONTROLS

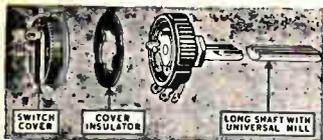
**NOTE:** The listing below, due to space limitations, includes only such Yaxley, IRC and Centralab volume controls as are most often used in the most popular sets. Our stock includes the complete lines of these manufacturers and any volume control will be supplied at 40 and 2% discount from manufacturer's list price.  
\* Asterisk denotes original volume control is supplied with switch which replacement does not include. Switch should be ordered separately when ordering replacement volume control.

	YAXLEY		IRC		CRL	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
<b>ATWATER KENT</b>						
37, 38, 40 series, 52, 53, 56, 57			K9212	\$0.88	K8870	\$0.88
37, 38, 40F, 52, 53 (Strip only)	K6656	.29				
55, 55C, 55FC, 60 (Late)	K6604	1.47	K9230	1.47	K8658	1.76
55, 55C, 55F, 60, (Strip only)	K6657	.29				
60, 60C, 70 (D & L Chassis)	K6604	1.47	K7801	1.47	K8657	1.76
72 (H Chassis)	K6605	1.47	K9167	1.47	K8954	1.76
<b>BOSCH</b>						
28, 29	K6641	.88	K9220	.88	K8849	.88
48, 49 (Early)	K6686	1.47	K7804	1.47	K8774	1.47
<b>COLONIAL</b>						
32AC, 32DC	K6686	1.47	K9166	1.47	K8786	1.47
434, 439, 440, 441, 444, 493			K9016	.88	K8852	.88
<b>CROSLY</b>						
41, 41A, 42, 61, 602, 608, 609, 610, 704, 706	K6693	.88	K9412	.88	K8785	.88
124, 125	K6707*	.59	K9425	1.18	K8677	1.18
<b>FADA</b>						
111, 290, 291, 311	K6581	.88	K9130	.88	K8882	.88
43, 761, 762, 764, 766, 767, KG	K6752	1.47	K9192	1.47	K8775	1.47
<b>GAMBLE SKOGMO</b>						
6-J					K8803	1.18
<b>GENERAL ELECTRIC</b>						
F63, F65, F66, F74, F77			K9031	1.18		
A64, K64, M65, K66, K66M, A67, M68, A70, K80, K85	K6545	.88	K9145	.88	K8779	.88
T-41	K6694	1.47	K9190	1.47	K8905	1.47
F70, F75, F81, F86					K8853	.88
E61, E62, E68, E71, E72, E76, E81, E86, E91, E95, E101, E105, E106	K6586*	.88	K9498	1.18	K8756	1.18
A82, A86, A87	K6601	1.47	K9149	1.47	K8813	1.47
J80, K62, J85, S132, JZ835	K6636	.88	K9215	.88	K8693	.88
D50, D51, D52, D72	K6679*	.59	K9497	1.18	K8757	1.18
M51, M52, M55, M56, C60	K6545*	.88	K9145*	.88	K8691	1.18
<b>GENERAL MOTORS</b>						
120, 130, 140 (Chassis A below Serial No. 29100A; Chassis B below Serial No. 1700B)	K6610	1.47	K9188	1.47	K8899	1.47
120, 130, 140, 150 (Chassis A between No. 29100A and 62100A; Chassis B between 1700B and 1964B), Little General	K6609	1.47	K9191	1.47	K8818	1.47
<b>GRUNOW (GENERAL HOUSEHOLD)</b>						
8A, 9A Chassis, 801, 901, 902	K6581*	.88	K9485	1.18	K8695	1.18
6A, 6C, 6F Chassis, 650, 651, 660, 661, 662	K6581*	.88	K9445	1.18	K8688	1.18
5C, 6C, 6J Chassis, 580, 581, 640, 641, 680, 681	K6546*	.88	K9479	1.18	K8698	1.18
<b>MAJESTIC (GRIGSBY-GRUNOW)</b>						
50, 51, 52	K6753	1.47	K9420	1.47	K8903	1.47
25, 251, 253, 254 (Early)	K6673*	.59	K9221	1.18	K8799	1.18
15, 15B, 55, 56, 57, 58, 150, 161, 153, 154, 155, 156	K6711*	.59			K8797	1.18
90, 90B, 91, 92, 93			K9174	.88	K8767	.88
<b>MONTGOMERY WARD (AIRLINE)</b>						
62-185, 62-186, 62-187, 62-190, 62-196, 7GM	K6611*	1.47	K9464	1.76	K8671	1.76
77, 95, 62-120, 62-122, 62-126, 62-128	K6544	.88	K9164	.88	K8906	.88
62-166, 62-202			K9458	1.18	K8790	1.18
<b>MOTOROLA (GALVIN)</b>						
60, 70, 75, 79, 80 (Golden Voice), (Twin 6)	K6795*	.59	K9481	1.18	K8762	1.18
<b>PHILCO</b>						
20, 20A, 21, 41-DC, 42-DC, 70, 70-A, 77, 77-A, 90 (2-45's), 470, 470-A, 220, 370, 570	K6683	1.47	K9421	1.47	K8973	1.47

	YAXLEY		IRC		CRL	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
<b>PHILCO—(Contd.)</b>						
16 (Code 125, 126, 127), 17 (Code 122), 116-B (Code 121), 116-X (Code 122), 650, 655, 660, 665	K6586*	\$0.88	K9147*	\$0.88	K8994	\$1.18
620, 625, 630, 635, 640	K6579*	.88	K9130*	.88	K8993	1.18
816, 817, 826, 827, 827K, 829, Part No's.: 33-5130, 33-5148, 33-5202			K9460	.88	K8854	.88
Part No's.: 33-5121			K8962	.88	K8855	.88
60, 66, 261, 264, 265, 505	K6680*	.59	K9428	1.18	K9021	1.18
28 (AC-DC), 45 (AC-DC), 29, 245	K6547*	.88	K9441	1.18	K9024	1.18
37-84 (Code 122), 84, 84B, 267E	K6715*	.59	K9115*	.59	K9020	1.18
14, 14 (Late), 507, 17, 18, 49, 118	K6547*	.88	K9146*	.88	K8975	1.18
Part No's.: 33-5067, 33-5088	K6587*	.88	K9476	1.18	K8837	1.18
30, 96, 111, 111A, 112, 112A, 211, 212, 296			K9181	.88	K9019	.88
610					K9023	1.18
37-116, 37-610, 37-623, 37-630, 38-3, 37-9, 37-10, 37-11, 37-611, 37-620, Part No's.: 33-5158, 33-5166	K6593	.88	K9496	.88	K8781	.88
640, 641, 642, 645, 651	K6579*	.88	K9130*	.88	K9022	1.18
16, 97, 144, 98, 506	K6547*	.88	K9146*	.88	K9025	1.18
86, 87, 511					K9015	.88
NT-7 Nash; ST-7X Studebaker, T-7, NT-8 Nash, T-8, 806	K6547	.88	K9208	.88	K8810	.88
38, 38A (Battery) 38 (Code 121)					K8829	.88
38-1, 38-2, 38-4, 38-5, 38-7, 38-8, 38-9, 38-23 (Code 121)					K8856	.88
80					K9026	1.18
<b>RCA</b>						
5T, 8-U-2, 811-K, 6-K-2, T-6-1, C-6-8, 5-T-5, 6, 7, 8, Part No's.: 72291-46, 72558-44, 13144	K6586	.88	K9455	.88	K8798	.88
6-K-12, 9K, 9-K-2, 10-K, 10-T, 9U, 9-U-2, 812-K, Part No's.: 72558-42, 72558-47, 11205, 12861	K6594	.88	K9495	.88	K8800	.88
R-32, RE-45, R-52, 145, Part No's.: 10450	K6698	1.47	K9195	1.47	K8911	1.47
R-14, R-15, RE-17, Radiola 42, 48, Part No's.: 62940	K6694	1.47	K9190	1.47	K8905	1.47
R-8, R-10, R-11, RE-18, RAE-26, Part No's.: 3092, 3094	K6636	.88	K9216	.88	K8693	.88
T-5-2, M-107, 119, 125, Part No's.: 4790, 72291-7	K6545*	.88	K9145*	.88	K8691	1.18
R-35, R-39, RE-57, Part No's.: 62896	K6773	1.47	K9189	1.47	K8904	1.47
M101, M104, M108, M109, Part No's.: 5018			K9497	1.18	K8757	1.18
<b>SEARS ROEBUCK (SILVERTONE)</b>						
1715, 1720, 1721, 1722, 1722X, 1725, 1726X, 1732, 1732X	K6603	1.47	K9486	1.47	K8789	1.47
<b>SPARKS-WITHINGTON (SPARTON)</b>						
69, 79-A, 101, 109, 110-AC, 301, 589, 591, 593, 930, 931	K6699	.88	K9202	.88	K8825	.88
<b>STEWART WARNER</b>						
R-100, 935, Series 950-AC, Part No's.: 66033, 66389	K6701	.88	K9169	.88	K8901	.88
<b>STROMBERG CARLSON</b>						
641, 642, 652, 654 (Rear)	K6651	.88	K9178	.88	K8883	.88
641, 642, 652, 654 (Front)	K6653	.88	K9168	.88	K8884	.88
846, 848 (Rear)	K6651	.88	K9178	.88	K8846	.88
846, 848 (Front)	K6655	.88	K9183	.88	K8848	.88
<b>NOTE: Panel and rear controls are matched. Do not purchase separately!</b>						
<b>UNITED MOTORS SERVICE</b>						
982044, 982045 (Olds), 983526, 983527, 983569 (Pontiac), 985254 (Chev.) Above Serial #B16301					K8852	.88
980534, 980535 (Buick)			K8932	1.18	K8807	1.18
<b>WELLS GARDNER</b>						
6K Series					K8803	1.18
<b>WESTINGHOUSE</b>						
WR-48, WR-48A, WR-53	K6545*	.88	K9145*	.88	K8691	1.18
<b>ZENITH</b>						
6B-107, 6B-129, 6-S-157, Chassis 5634, 5801, Part #63-522	K6586*	.88	K9493	1.18	K8680	1.18
50, 52, 53, 60, 61 (1929) Part #63-227 (Single)	K6584*	.88	K9429	1.18	K8802	1.18
50, 52, 53, 60, 61, 722 (Dual), Part #63-226	K6619*	1.47	K9198	1.76	K8924	1.76
7-S-323, 7-S-342, 7-S-343, 7-S-363, 7-S-366, 7-S-364, 8-S-359			K8923	1.18	K8808	1.18

\* Lafayette Radio - 30 DAY HOME TRIAL OFFER \*

# Centralab Midget and Standard Volume Controls



## Standard Size

Noted for their long noiseless life these famous controls employ a patented non-wearing contact arrangement. A highly polished metal band is pressed into contact with the resistance strip by the rotating arm.

Contact between the arm and the band is by means of an oil-treated wood button that is absolutely noiseless and perfectly smooth in operation. Control dimensions: Diameter— $1\frac{3}{8}$ "; Depth— $\frac{3}{16}$ "; Shaft length—3"; Diameter— $\frac{1}{4}$ "; Bushing diameter— $\frac{3}{8}$ ". Fluted milled shaft. Listing below includes CRL Guide numbers of controls less switch. With switch numbers are the same except for prefix number which is "62" in place of "72"; "52" in place of "70" and "99" in place of "79". These numbers are given for your convenience and to aid you in obtaining the exact control you need, as listed in CRL Guide. Tapers are indicated as follows:

- U — Voltage Divider (uniform)
- S — Antenna Shunt
- A — Antenna Shunt & "C" Bias
- Al — Antenna Shunt & "C" Bias for 1 Tube
- A2 — Ant. Sh. & "C" Bias 2 Tubes
- C — "C" Bias
- T — Tone Control
- GT — Audio Grid or Tone Control
- P — Series in R.F. Plate

Stock No.	CRL No.	Ohms	Stock No.	CRL No.	Ohms	Stock No.	CRL No.	Ohms
K8876	72-118	500U	K8873	72-115	15,000A	K8880	72-122	100,000GT
K8865	72-107	1000U	K8931	79-006	15,000A1	K8697	72-136	150,000GT
K8859	72-101	2000U	K8877	72-119	20,000A	K8878	72-120	200,000GT
K8866	72-108	3000U	K8869	72-111	25,000U	K8694	72-131	200,000C
K8867	72-109	4000U	K9032	70-206	25,000C	K8879	72-121	250,000GT
K8868	72-110	5000U	K8860	72-102	25,000S	K8864	72-106	500,000U
K8842	70-204	5000S	K8861	72-103	50,000U	K8841	70-203	500,000P
K8907	72-139	7500U	K8875	72-117	50,000T	K8863	72-105	500,000GT
K8872	72-114	10,000A	K9033	72-123	75,000T	K8908	72-140	750,000GT
K8871	72-113	10,000A1	K8840	70-202	75,000C	K8874	72-116	1 Meg. GT
K8843	70-205	10,000A2	K8862	72-104	100,000U	K8890	72-137	2 Meg. GT
K8858	72-100	10,000S				K8696	72-132	3 Meg. GT

## WIRE WOUND RADIOHMS

K8959	V-104	6	K8683	V-123	200	K8687	VF-131	2000
K8961	V-108	10	K8684	V-126	400	K8765	VF-133	3000
K8681	V-116	50	K8685	V-127	500	K8804	VF-135	5000
K8682	V-121	100	K8686	VF-129	1000	K8766	VF-137	10,000

Your Cost Each Any Type Listed Above..... **59¢**

## TAPPED RADIOHMS (For Tone Compensation) (Composition Element)

K8891	72-138	250,000 ohms GT						
K8861	72-134	500,000 ohms GT						
K8882	72-135	1 Megohm GT						
K8909	72-142	2 Megohms GT						

List Price \$1.50  
Your Cost Each..... **88¢**

## TWIN REPLACEMENT RADIOHMS

Most popular twin controls for general replacement.

Stock No.	CRL No.	Front Ohms	Rear Ohms
K8912	74-601	10,000	25,000
K8913	74-602	10,000	50,000
K8758	4010805	100,000	100,000
K8768	4010807	250,000	250,000
K8787	4010804	500,000	500,000

List Price \$2.50  
Your Cost Each..... **1.47**

## SWITCH COVERPLATES For Standard Radiohms

K8665	S.P.S.T.	29c	K8669	4 Point	<b>35¢</b>
K8666	S.P.D.T.		K8670	*S.P.D.T.	
K8660	D.P.S.T.	<b>35¢</b>	K8661	*S.P.S.T.	

\*—Open at clockwise position. †—With dummy lug.

## CENTRALAB Midget Radiohms

Small diameter controls for use in auto radio sets or in midget radios. Molded bakelite cases. All potentiometer type, with insulated terminals. Depth, less switch,  $\frac{3}{16}$ ". 3" shaft milled entire length. Separate switches easy to install. Same taper symbols as shown with standard Radiohms above. CRL Guide numbers given below are less switch—CRL Guide numbers for controls with switch have prefix "P" in place of "N".

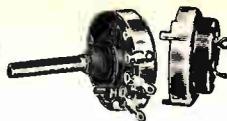
Stock No.	CRL No.	Ohms	Stock No.	CRL No.	Ohms	Stock No.	CRL No.	Ohms
K8187	NF106	5000U	K8230	NF111	15,000A2	K8220	N118	100,000U
K8190	NF107	10,000A	K8231	NF112	20,000A	K8272	N117	100,000GT
K8188	NF100	10,000A1	K8217	NF113	25,000U	K8192	N102	250,000GT
K8189	NF108	10,000A2	K8191	NF101	25,000A	K8273	N118	500,000U
K8278	N109	10,000S	K8218	N114	50,000U	K8193	N103	500,000GT
K8279	NF110	15,000A1	K8219	N115	50,000T	K8194	N104	1 Meg. GT

Your Cost Each, Any Type Listed Above (Less Switch)..... **59¢**

Tapped Midget Radiohms				Midget Switch Plates			
Stk No.	CRL No.	Ohms	Each	Stock No.	Type	Each	
K8274	NT119	250,000	<b>88¢</b>	K8195	S.P.S.T.	<b>35¢</b>	
K8275	NT120	500,000		K8196	S.P.D.T.		
K8276	NT121	1 Meg.		K8197	D.P.S.T.		
K8277	NT122	2 Meg.		K8198	4 Point		
				K8199	*S.P.S.T.		

**A FREE Copy of the extremely valuable CRL Volume Control Guide is given with each order for 5 or more controls. It contains a complete listing of correct replacement controls for several hundred different receivers—plus much valuable technical information concerning volume controls and their application in general.**

## Trutest "TRU-TAPER" Volume Controls



A line of general purpose volume controls for replacement purposes and for the new set circuit. Features: extra-hard composition elements, multi-wiping contacts, accurate tapers. Metal housing. Have  $\frac{1}{4}$ " shafts,  $1\frac{1}{4}$ " long. Bushing  $\frac{3}{8}$ " diameter. Switch coverplates fit all units listed.

Stock No.	Res. Ohms	Taper
K9081	1,000	Antenna Shunt
K9082	2,000	Antenna Shunt or "C" Bias
K9083	5,000	Antenna Shunt
K9084	10,000	Antenna Shunt or "C" Bias
K9085	25,000	Antenna Shunt or "C" Bias
K9086	50,000	Screen Voltage or Tone Control
K9087	75,000	"C" Bias
K9088	100,000	Screen Voltage or Tone Control
K9089	250,000	Audio Shunt or Tone Control
K9090	500,000	Audio Shunt or Tone Control
K9091	1 Megohm	Audio Shunt or Tone

Your Cost Each, Less Switch..... **28¢** Lots of 5, Each..... **25¢**  
K9069—Switch Coverplate only. S.P.S.T..... **12¢**

## TRUTEST Exact Duplicate Controls



For Victor models R-32, RE-45, R-52, and RE-75. Dual Control. K9094—Each..... **88¢**

## RCA-Victor

For RCA-Victor models 42.48, R-14, R-15, R-17. Dual control (25,000 and 10,000 ohms). K9093—Your Cost Each..... **99¢**

RCA No. 11265	For models C11-1, C13-2, T10-1, T11-8, T10-3, D11-2.	Philco No. 33-5155	2 megohms. with switch.	<b>59¢</b>
K9062—Each	<b>88¢</b>	K8832—Your Cost		
RCA No. 13144	For models T8-14, C8-15, T6-1, C6-2, T7-5, C7-6, D7-7, C9-4, T9-9, C6-8, 5T-D8-28.	Philco No. 33-5105	1 megohm with switch.	<b>59¢</b>
K9066—Each	<b>59¢</b>	K8833—Your Cost		
Philco 23, 23A and 220	Dual, 285 & 500 ohms.	Philco No. 33-5106	500,000 ohm control with switch.	<b>59¢</b>
K9092—Each	<b>88¢</b>	K8835—	Your Cost	<b>59¢</b>
Philco No. 33-5139	Midget 350,000 ohms.	Zenith 70 Series	Models 50, 60, 70, 71, 72, 73, 77, 712, 722, 723, 772. Dual unit.	
K8831—Each	<b>49¢</b>	With Switch.		<b>\$1.39</b>
		K9095—Each		

## SERVICEMANS SPECIAL Ultra-Compact Volume Controls



Midget, high quality controls. Four sizes service great majority of sets on the market. Have noiseless elements.  $\frac{1}{4}$ " shafts. With switch,  $\frac{7}{8}$ " behind panel; less switch,  $\frac{1}{2}$ " behind panel.



Without Switch		Ohms		Taper		With Switch	
Stock No.	Ohms	Stock No.	Ohms	Stock No.	Ohms	Stock No.	Ohms
K8115	50,000	K8119	50,000	Antenna Shunt	K8119		
K8116	250,000	K8120	250,000	Tone Control: Audio	K8120		
K8117	500,000	K8121	500,000	Tone Control: Audio	K8121		
K8118	1 Megohm	K8122	1 Megohm	Tone Control: Audio	K8122		

Without Switch Your Cost Each..... **18¢** With Switch Your Cost Each..... **23¢**  
10% DISCOUNT IN LOTS OF 5 (May be Assorted)

## CRL Phonohm Controls



Headphone volume controls in sturdy bakelite cases; with knob. "L" pad type for group installations; potentiometers used with single controls. Supplied less cord.

No.	Ohms	Type	Each	No.	Ohms	Type	Each
K8914	5,000	Pot.	<b>88¢</b>	K8917	5,000	"L" Pad	<b>\$1.18</b>
K8915	10,000	Pot.		K8918	10,000	"L" Pad	
K8916	100,000	Pot.		K8919	100,000	"L" Pad	

## Split Knurl Midget Radiohm



Many 1938-9 and 1940 radios use split-knurl shafts and the knobs will not fit any other type of shaft. Shafts  $\frac{3}{8}$ " long.

Stock No.	CRL No.	Ohms	Each
K8285	NK-139	250M	<b>59¢</b>
K8286	NK-140	500M	
K8287	NK-141	1 Meg.	
K8288	NK-142	2 Meg.	
K8289	NK-143	500M T*	

K8291 NK-144 1 Meg. T\* **88¢**  
T\* are tapped controls.

## "Baby" Volume Controls



Only 1" diam.— $\frac{1}{16}$ " deep. Shaft  $1\frac{1}{2}$ " long. Switches cannot be used. Tapers: U—uniform; C—clockwise; L—counter-clockwise.

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

10 For \$2.70 Each..... **29¢**

# IRC VOLUME CONTROLS IRC

## Type "D" Auto Controls

For most any auto radio application. Friction clutch drive arm. Special shaft for either slotted or tongued shaft.



Stock No.	IRC No.	Ohms	Tapped At	Stock No.	IRC No.	Ohms	Tapped At
K7757	DC13-130	250000	None	K7761	DC13-137	1 Meg.	None
K7758	DC18-130X	250000	60000	K7762	DC13-137X	1 Meg.	250000
K7759	DC13-133	500000	None	K7763	DC13-139	2 Meg.	None
K7760	DC13-133X	500000	125000	K7764	DC13-139X	2 Meg.	500000

Your Cost Each, Less Switch, Any Above Type. **88¢**

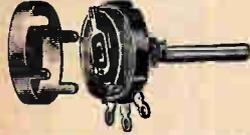
## IRC Control Kit

18 Universal size controls, 6 switches, 5 special shafts, all type D—equips serviceman for 70% of all midget, console or auto radio requirements. In all-metal cabinet, 1 1/2 x 7 1/4 x 4", finished in silver, blue and yellow. Cabinet empty weighs 3 1/2 lbs. All supplied for standard price of controls—cabinet included **FREE!** K7739—Wt. 7 lbs. **\$14.67** Your Cost.



## "W" Wire Wound Controls

Same size as standard CS. Rated 2 watts. 3" aluminum shaft. Less switch, but switch covers can be added. "A" taper. Switch cover plates for use with these controls will be found below at right. Shield dust cover supplied.



Stock No.	IRC No.	Ohms	Stock No.	IRC No.	Ohms	Stock No.	IRC No.	Ohms
K7810	W-6	6	K7818	W-50	50	K7826	W-750	750
K7811	W-8	8	K7819	W-60	60	K7827	W-1000	1000
K7812	W-10	10	K7820	W-75	75	K7828	W-2000	2000
K7813	W-15	15	K7821	W-100	100	K7829	W-3000	3000
K7814	W-20	20	K7822	W-200	200	K7830	W-4000	4000
K7815	W-25	25	K7823	W-300	300	K7831	W-5000	5000
K7816	W-30	30	K7824	W-400	400	K7832	W-7500	7500
K7817	W-40	40	K7825	W-500	500	K7833	W-10000	10000

Your Cost Each, Any Above Type. **59¢**

## Type "CS" Standard Controls

Metallized element on bakelite base; multi-spring contact arm. Silent pigtail connector. Steel coil spring as thrust washer on shaft. Shafts are 2 1/4" long, milled. Bushing 3/8". Units marked with an asterisk include 300 ohm bias resistor. Letter indicates taper listing under type "D" Midget Controls.



Stock No.	IRC No.	Ohms	Stock No.	IRC No.	Ohms	Stock No.	IRC No.	Ohms
K9100	11-103	500A	K9112*	16-118	15000F	K9125	13-130	250000C
K9101	11-108	1000A	K9113*	16-119	20000F	K9144*	14-130	250000D
K9102	11-110	2000A	K9115	11-120	25000A	K7807	13-132	350000C
K9103	11-112	3000A	K9114*	14-120	25000D	K9126	11-133	500000A
K9104	11-113	4000A	K9116	16-120	25000F	K9127	13-133	500000C
K9105	11-114	5000A	K9117	11-123	50000A	K7808	14-133	500000D
K9106	13-114	5000C	K9118	13-123	50000C	K9129	13-137	1 Meg.C
K9097	11-115	7500A	K9119	13-125	75000C	K9131	13-139	2 Meg.C
K9108*	11-116	10000A	K9120*	14-125	75000D	K9132	13-140	3 Meg.C
K9110	13-116	10000C	K9121	11-128	100000A	K9098	11-141	5 Meg.A
K9109*	14-116	10000D	K9122	13-128	100000C	K9099	11-142	7 Meg.A
K9107*	16-116	10000F	K9123	11-129	200000A	K9137	11-143	10 Meg.A
K9111*	14-118	15000D	K9124*	14-129	200000D			

Any Type Above, Your Cost Each. **59¢**

## Tapped Standard Type "CS" Controls

No.	IRC	Ohms	Tapped At	No.	IRC	Ohms	Tapped At
K9145	13-130X	250000A	125000	K9136	VC-539X	1 Meg.A	250000
K7809	18-130X	250000H	60000	K9130	13-137X	1 Meg.H	500000
K9146	18-132X	350000H	75000	K9147	13-139X	2 Meg.H	500000
K9128	13-133X	500000H	125000				

Your Cost Each. **88¢**

## Dual Type "CS" Twin Controls

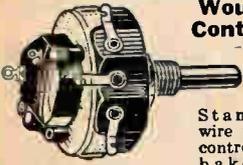
Duals for replacement use. Front Section is nearest shaft.

Stock No.	IRC No.	Ohms Front	Ohms Rear	Stock No.	IRC No.	Ohms Front	Ohms Rear
K9138	35-1620	10000C	25000E	K9141	33-3030	250000C	250000C
K9139	61-1623	10000F	50000A	K9142	33-3333	500000C	500000C
K9140	33-2828	100000C	100000C	K9143	33-3939	2 Meg.C	2 Meg.C

Your Cost Each, Any Type Above. **\$1.47**

**FREE!** With every order for IRC Volume Controls you receive a free copy of the IRC Volume Control Guide—ask for it!

## CLAROSTAT Wire Wound Controls



Standard wire wound controls in bakelite cases. Switch covers easily attached. Control diameter 1 1/2". Mount in 3/8" hole. 1/2" shaft extends 1 1/2". Units marked with asterisk (\*) are rheostat type; all others are potentiometers.

Stock No.	Res. Ohms	Stock No.	Res. Ohms
K7048*	1	K7093	750S
K7049*	2	K7092	1000S
K7050*	3	K7090	2000S
K7051*	4	K7089	2000L
K7052*	6	K7088	2000V
K7053*	10	K7087	3000S
K7054*	15	K7086	3000U
K7055*	20	K7047	4000S
K7056*	25	K7084	5000S
K7057*	30	K7083	5000U
K7058*	40	K7082	5000V
K7059*	50	K7081	7500S
K7099	50S	K7080	7500U
K7060*	60	K7079	7500V
K7061*	75	K7078	10000S
K7062*	100	K7076	10000U
K7098	100S	K7075	10000V
K7097	200S	K7074	10000W
K7096	300S	K7073	15000S
K7095	400S	K7072	15000U
K7094	500S	K7070	20000S

Your Cost Each, Any Above Type. **57¢**

K7068 25000S K7066 40000S  
K7067 30000S K7065 50000S  
Your Cost Each, Any Above Type. **73¢**

K7064 75000S Ea. **\$1.18**  
K7063 100000S  
Switch Cover For Above  
Switch coverplate only, fits all units.  
K6837—S.P.S.T. **20¢**  
Your Cost Each.

## Type "D" Midgets With Plug-In Shafts



Including every feature of type CS, these Universal size controls are recommended for every service need. Only 1 1/2" diameter. With special shafts having tapered, easy-to-fix connection to controls, a small stock of "D" controls and a few special shafts answer most replacement needs. All supplied with "A" shaft, less switch; other shafts should be ordered separately. Taper code:

- A—Uniform
- B—Tone Control or Audio
- C—Antenna Shunt or Audio
- D—Antenna and "C" Bias
- E—"C" Bias
- F—Antenna and Bias
- H—Tapped, Tone Compensation

No.	Type	Ohms	No.	Type	Ohms	No.	Type	Ohms
K7706	D11-103	500A	K7712	D16-119	20000F	K7731	D11-130	250000A
K7707	D11-108	1000A	K7713	D11-120	25000A	K7786	D13-130	250000C
K7703	D11-110	2000A	K7727*	D14-120	25000D	K7719*	D14-130	250000D
K7724	D11-112	3000A	K7714	D16-120	25000F	K7767	D13-132	350000C
K7709	D11-113	4000A	K7715	D11-123	50000A	K7732	D11-133	500000A
K7779	D11-114	5000A	K7734	D13-123	50000C	K7788	D13-133	500000C
K7710	D13-114	5000C	K7728*	D14-123	50000D	K7720	D14-133	500000D
K7725	D11-115	7500A	K7729	D13-125	75000C	K7789	D13-137	1 Meg.C
K7750	D11-116	10000A	K7730*	D14-125	75000D	K7790	D13-139	2 Meg.C
K7711	D13-116	10000C	K7716	D11-128	100000A	K7733	D13-140	3 Meg.C
K7751	D14-116	10000D	K7785	D13-128	100000C	K7721	D11-141	5 Meg.A
K7732	D16-116	10000F	K7717	D11-129	200000A	K7722	D11-142	7 Meg.A
K7726	D14-118	15000D	K7718*	D14-129	200000D	K7723	D11-143	10 Meg.A
K7783	D16-118	15000F						

\*Units include 300 ohm bias resistor. Your Cost Each, Any Above Type. **59¢**

## Tapped Type "D" Midget Controls

Stock No.	IRC No.	Ohms	Tapped At	Stock No.	IRC No.	Ohms	Tapped At
K7736	D13-130X	250000*	125000	K7794	D13-137X	1 Meg.H	250000
K7791	D18-130X	250000H	60000	K7735	D18-137X	1 Meg.*	100000
K7792	D18-132X	350000H	75000	K7795	D13-139X	2 Meg.H	500000
K7793	D13-133X	500000H	125000	K7734	D18-139X	2 Meg.*	1 Meg.

\*Special Taper; for tapped tone compensation. Any Type Above, Your Cost Each. **88¢**

## IRC Plug-In Shafts For Use With Above Controls

K7799—Type "B".	For auto radio controls.	21c
K7737—Type "C".	For special push-on knobs. Knurled.	15c
K7738—Type "D".	For special push-on knobs. Unknurled.	15c

## Switch Coverplates

For IRC Volume Controls  
Switches for use with Types "D", "CS" and "W" controls listed on this page. Underwriter's Lab. inspected.

Single Pole Single Throw  
K7796—Type "D" K7834—Type "W"  
K9133—Type CS  
Your Cost Each. **29¢**

Double Pole, Single Throw  
K7797—Type "D" K7835—Type "W"  
K9135—Type "CS"  
Your Cost Each. **35¢**

Single Pole, Double Throw  
K7798—Type "D" K7836—Type "W"  
K9134—Type "CS"  
Your Cost Each. **35¢**

## UTAH Wire-Wound Midget Controls

Rheostats and potentiometers are 1 1/2" diam. Mount in 3/8" hole and extend 1/2" in back of the panel. 1/4" diam. shafts extend 1 1/2".



3-Watt Potentiometers

Stock No.	Res. Ohms	Stock No.	Res. Ohms
K6515	6	K6520	400
K6516	10	K6521	500
K6517	15	K6522	1000
K6518	20	K6523	1500
K6519	200		

3-Watt Rheostats

Stock No.	Res. Ohms	Stock No.	Res. Ohms
K6524	3	K6529	25
K6525	6	K6530	30
K6526	10	K6531	40
K6527	15	K6532	50
K6528	20	K6533	75

Your Cost Each, Any of the Above Types. **23¢**

## "UM" and "TM" Midget Controls

Ultra-compact controls featuring noiseless composition elements; attachable wipit ches; plug-in type shafts. Both UM and TM types have slotted shafts which will take any one of the 25 different types of special shafts listed below. The TM type are similar to the UM but are provided with a tap as shown. TM type designed for use in tone compensating circuits. All are  $\frac{3}{8}$ " thick,  $1\frac{1}{2}$ " diameter.



### "UM" TYPE MIDGET CONTROLS

Stock No.	Type No.	Ohms & Taper	Stock No.	Type No.	Ohms & Taper	Stock No.	Type No.	Ohms & Taper
K6925	UM114	5M(4A)	K6935	UM133	50M(1)	K6944	UM147	250M(1)
K6927	UM118	10M(1)	K6936	UM134	50M(2)	K6945	UM149	250M(4)
K6928	UM119	10M(2)	K6937	UM135	50M(4)	K6946	UM151	350M(1)
K6929	UM120	10M(4)	K6938	UM137	75M(1)	K6947	UM154	500M(1)
K6930	UM121	15M(1)	K6939	UM138	75M(2)	K6948	UM155	500M(4)
K6931	UM122	15M(2)	K6940	UM140	100M(1)	K6949	UM158	750M(1)
K6932	UM124	20M(1)	K6941	UM141	100M(2)	K6950	UM161	1 Meg(1)
K6933	UM128	25M(2)	K6942	UM142	100M(4)	K6951	UM163	2 Meg(1)
K6934	UM129	25M(4)	K6943	UM144	150M(1)	K6952	UM165	3 Meg(1)

Type UM Controls (less shaft)  
Your Cost, Any Size

**73¢**

### "TM" TYPE TAPPED CONTROLS

No.	Type	Ohms	Tapped	Taper	No.	Type	Ohms	Tapped	Taper
K6953	TM220	250M	50M	5	K6960	TM243	1 Meg	500M	5
K6954	TM221	250M	125M	5	K6961	TM245	2 Meg	5M	6
K6955	TM225	350M	75M	5	K6962	TM246	2 Meg	25M	5
K6956	TM228	500M	5M	6	K6963	TM247	2 Meg	50M	5
K6957	TM230	500M	125M	5	K6964	TM248	2 Meg	200M	5
K6958	TM231	700M	250M	5	K6965	TM249	2 Meg	500M	5
K6959	TM240	1 Meg	200M	5	K6966	TM251	2 Meg	1 Meg	5
					K6967	TM257	3 Meg	1 Meg	4

Type TM Controls (less shaft)  
Any Type Above, Your Cost Each

**73¢**

### YAXLEY Midget Attachable Switches

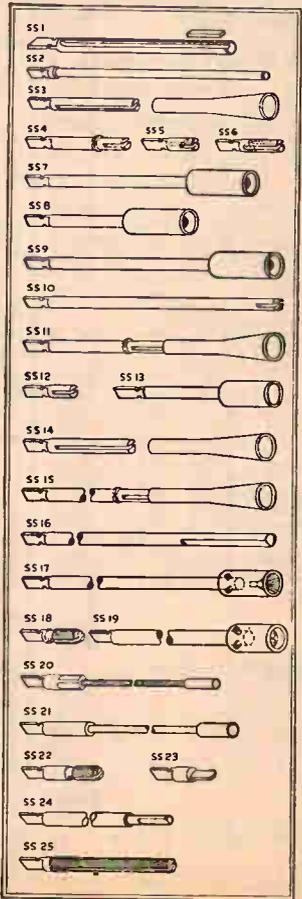
No.	Type	Each	No.	Type	Each
K6968	S.P.S.T.	29¢	K6971*	3-P.S.T.	<b>35¢</b>
K6969	D.P.S.T.	<b>35¢</b>	K6972*	4-P.S.T.	
K6970	S.P.D.T.		* Shorting type.		

### YAXLEY PLUG-IN SHAFTS

25 types fit all UM and TM midget controls. Complete list below will adapt controls for use with most all auto and home receivers.

- K6973—SS-1. Replaces any  $1\frac{1}{2}$ " round shaft or  $1\frac{1}{8}$ " or  $\frac{3}{8}$ " flatted shaft up to 3" long.
- K6974—SS-2. RCA, United Motor Service and any  $\frac{3}{8}$ " diam. shaft up to 4" long.
- K6975—SS-3. Replaces any  $\frac{3}{4}$ " slotted shaft up to 2" long.
- K6976—SS-4. RCA (part No. 12210, 12365, etc.).
- K6977—SS-5. Philco '36, '37, '38 household receivers.
- K6978—SS-6. RCA, Hudson H6.
- K6979—SS-7. Motorola '38, Golden Voice, 70, etc.
- K6980—SS-8. Motorola 35, 45.
- K6981—SS-9. Motorola 65, etc.
- K6982—SS-10. Motorola 60, 80, '36 Golden Voice, etc.
- K6983—SS-11. Replaces any  $\frac{3}{8}$ " slotted shaft 2 to 4" long.
- K6984—SS-12. Philco, United Motor Service, Arvin.
- K6985—SS-13. Belmont, Western Auto Supply, Howard, etc.
- K6986—SS-14. Replaces any  $\frac{1}{2}$ " slotted shaft up to 2" long.
- K6987—SS-15. Replaces any  $\frac{3}{8}$ " slotted shaft 4" to 6" long.
- K6988—SS-16. Exact for RCA, cut to length for many others.
- K6989—SS-17. Replaces any slotted "Inacup" shaft up to 6" long.
- K6992—SS-18. Belmont, Stewart Warner, etc.
- K6993—SS-19. For all 1937-38 Motorolas.
- K6994—SS-20. Replacement for Motorola Model 16C.
- K6995—SS-21. Replacement for Motorola Model 17D.
- K6996—SS-22. For use on Motorola and many others.
- K6997—SS-23. United American Bosch, models 139, 149, 169.
- K6998—SS-24. For Chevrolet model 985425.
- K6999—SS-25. Exactly replaces standard knurled shafts from  $\frac{3}{4}$ " to 3" long.

Your Cost Each, Any Shaft **15¢**



## Type "MR" Midget Controls

Ultra-compact controls are similar to the types UM and TM midget controls listed at left except that they feature standard shafts, 3" long, milled the entire length and furnished with knob adapters (for spring type knobs). All are rated conservatively at  $\frac{1}{2}$  watt.



Stock No.	Type No.	Ohms & Taper	Stock No.	Type No.	Ohms & Taper	Stock No.	Type No.	Ohms & Taper
K6900	MR14	5M(4A)	K6909	MR33	50M(1)	K6918	MR44	250M(1)
K6901	MR18	10M(1)	K6910	MR34	50M(2)	K6919	MR45	250M(2)
K6902	MR19	10M(2)	K6911	MR35	50M(4)	K6920	MR48	500M(1)
K6903	MR20	10M(4)	K6912	MR36	75M(1)	K6921	MR50	500M(4)
K6904	MR21	15M(1)	K6913	MR37	75M(2)	K6922	MR51	750M(1)
K6905	MR22	15M(2)	K6914	MR39	100M(1)	K6923	MR53	1 Meg(1)
K6906	MR24	20M(1)	K6915	MR40	100M(2)	K6924	MR55	2 Meg(1)
K6907	MR28	25M(2)	K6916	MR41	100M(4)	K6925	MR57	3 Meg(1)
K6908	MR29	25M(4)	K6917	MR42	150M(1)			

Type MR Controls  
Your Cost Each, Any Size

**59¢**

### MALLORY-YAXLEY ENCYCLOPEDIA

This current third edition is the biggest 75¢ worth the serviceman can buy to aid him in his daily work. Contains all the data on over 23,000 sets. Over 256 pages of data. Further data on this valuable book, will be found on page 110.

K19730—Your Cost, Only

**75¢**

### Special Midget Controls

These are special midget replacement units. Check your Mallory Encyclopedia for your requirements, then order from this listing. All have single pole single throw switch attached to control.

Stock No.	Type No.	Resistance Ohms	Tapped At	Taper	Your Cost
K6775	SM300	350M	75M	5	\$1.18
K6776	SM301	2 Meg.	500M	4	1.18
K6777	SM302	500M	None	1	1.18
K6778	SM303	6 Meg.	*	1	.88

\* Has stop provision.

### Special Midget Dual Controls

Have fixed concentric shaft and switch.

Stock No.	Type No.	Resistance Front	Resistance Rear	Tap At	Your Cost
K6779	SMD500	2 Meg.	2 Meg.		\$1.76
K6780	SMD501	2 Meg.	1 Meg.	Front 500M	1.76
K6781	SMD502	250M	1 Meg.	Rear 250M	1.76
K6782	SMD503	2 Meg.	1 Meg.	Front 600M	1.76
K6783	SMD504	250M	500M	Front 60M	1.76

### Explanation of YAXLEY Volume Control Tapers

- No. (1) For audio or antenna shunt circuits.
- No. (2) For series circuits such as cathode voltage controls.
- No. (3) For antenna shunt and "C" bias circuits.
- No. (4) Linear taper; for voltage divider circuits.
- No. (4a) Modified linear taper, similar to No. 4.
- No. (5) Special for tapped circuits.
- No. (6) Special variation of No. 1, for tapped controls.
- No. (7) Wire wound element. For antenna and "C" bias.

### COMPACT RHEOSTATS & POTENTIOMETERS

#### TYPE C—2 WATTS



**Wire Wound.** Controls ideal for use where space is limited. Contact arm is grounded to the shaft. Diam.  $1\frac{1}{8}$ " shaft, is  $\frac{3}{8}$ " long.

No.	Ohms	No.	Ohms
K6197	6	K6201	30
K6198	10	K6202	40
K6199	15	K6203	50
K6200	20	K6204	100

Your Cost Each, Any Type **44¢**

#### 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

Your Cost Each, Any of the Above **59¢**

K6215—1000 ohms Ea. **73¢**

K6216—3000 ohms Ea. **73¢**

K6217—5000 ohms Ea. **88¢**

K6218—6000 ohms Ea. **88¢**

K6219—10000 ohms Ea. **88¢**

K6220—15000 ohms Ea. **88¢**

#### TYPE M—4 WATTS

**Wire Wound.** Conservatively rated at 4 watts. Fully enclosed.  $1\frac{1}{2}$ " diam.; mount in  $\frac{1}{2}$ " hole. Shaft  $\frac{3}{4}$ " diam.,  $\frac{3}{8}$ " long. With dust cover.



No.	Ohms	No.	Ohms
K6480	1	K6486	20
K6481	2	K6487	25
K6482	3	K6488	40
K6483	6	K6489	50
K6484	10	K6490	60
K6485	15	K6491	75

Your Cost Each, Any Above Type **44¢**

#### POTENTIOMETERS

No.	Ohms	No.	Ohms
K6503	20	K6496	200
K6492	50	K6497	400
K6495	100		

Your Cost Each **59¢**

K6498—1000 Ohms K6499—2000

K6500—3000 Ohms K6501—5000

Your Cost Each **73¢**

K6502—10000 Ohms K6177—15000

K6178—20000 Ohms K6179—25000

Your Cost Each **88¢**

K6180—50000 Ohms K6181—70000

Your Cost Each **\$1.18**

### Type E—9-Watt Potentiometers

Similar to Type M, but larger.  $2\frac{3}{8}$ " diameter. Arm grounded.

No.	Ohms	Each	No.	Ohms	Each	No.	Ohms	Each
K6188	10000	<b>\$1.47</b>	K6191	25000	<b>\$1.62</b>	K6194	100000	<b>\$1.62</b>
K6189	50000		K6192	50000		K6195	125000	
K6190	20000		K6193	75000		K6196	150000	

# and ACCESSORIES YAXLEY APPROVED RADIO PRODUCTS

## Standard Special Single "SRP" Controls

For receivers requiring other than universal type controls. Each has special electrical or mechanical features. The Mallory-Yaxley Encyclopedia shows control number required. Shpg. wt. 5 ozs. Switch or accessories not included, although some controls have special nuts and washers where required.

Stock No.	Type No.	Resis. Ohms	Stock No.	Type No.	Resis. Ohms	Stock No.	Type No.	Resis. Ohms
K6621	SRP134	4500	K6648	SRP213	250M	K6585	SRP263	32M
K6623	SRP138	450	K6650	SRP216	500M	K6769	SRP284	650
K6624	SRP139	550	K6696	SRP223	1M	K6597	SRP266	600
K6626	SRP141	1200	K6701	SRP245	32M	K6764	SRP267	8M
K6627	SRP142	2900	K6798	SRP251	250M	K6797	SRP269	10M
K6629	SRP144	2M	K6767	SRP252	500M	K6599	SRP271	150
A6300	SRP145	2M	K6754	SRP254	3500	K6599	SRP272	300
K6635	SRP152	60	K6765	SRP255	15M	K6789	SRP282	350M
K6636	SRP153	13M	K6770	SRP256	10M	K6791	SRP284	100M
K6699	SRP154	50M	K6771	SRP257	3M	K6788	SRP289	50M
K6697	SRP160	3200	K6774	SRP258	15M	K6651	SRP900	20M
K6610	SRP170	75M	K6790	SRP259	50M	K6652	SRP901	10M
K6611	SRP179	125M	K6796	SRP260	1M	K6653	SRP901	800
K6693	SRP185	1500	K6584	SRP261	100M	K6654	SRP961	10M
K6792	SRP188	32M	K6768	SRP262	1500	K6655	SRP962	250M

**Any Above Type (List \$1.50), Your Cost Each 88¢**  
**K6656**—SRP239 W. W. Vol. Strip 450 ohms  
**K6657**—SRP241 W. W. Vol. Strip 6000 ohms **Your Cost Each 29¢**  
**K6766**—SRP273 500M Vol. Control with switch  
**K6600**—SRP280 500M Vol. Control with switch **Each \$1.18**

## Standard Special Dual "DRP" Controls

Two separate controls operated by a single shaft. Will service over 90% of sets utilizing this type of control. Refer to the Mallory-Yaxley Encyclopedia for selection. Shpg. wt. app. 8 oz.

Stock No.	Type No.	Resistance		Stock No.	Type No.	Resistance	
		Front	Rear			Front	Rear
K6683	DRP114	250	5M	K6541	DRP245	1 Meg.	3 Meg.
K6698	DRP115	3800	3800	K6700	DRP246	32M	50M
K6694	DRP116	25700	10M	K6773	DRP250	50M	1M
K6751	DRP117	500	2500	K6604	DRP301	5M	2500
K6752	DRP119	3M	10M	K6605	DRP302	100M	2500
K6753	DRP122	645	10M	K6606	DRP303	2500	100M
K6614	DRP169	7500	10M	K6607	DRP304	1 Meg.	3 Meg.
K6619	DRP221	10M	100M	K6608	DRP305	25M	25M
K6756	DRP222	75M	32M	K6609	DRP309	12M	65M
K6757	DRP232	3 Meg.	3 Meg.	K6610	DRP310	25M	25M
K6758	DRP239	25M	25M	K6601	DRP311*	150M	250M*
K6759	DRP240	250M	10M	K6602	DRP313	1M	500M
K6760	DRP241	5M	150M	K6611	DRP314	500M	2500
K6761	DRP242	10M	500M	K6612	DRP315	2 Meg.	2500
K6762	DRP243	3M	750M	K6613	DRP316	200M	1M
K6763	DRP244	25M	6M	K6603	DRP317	250M	3 Meg.

\* Tapped at 160 M ohms.  
**Any Type Above, Your Cost Each \$1.47**

## Universal Tapped Controls

Stock No.	Mfrs. No.	Res. Ohms	Tapped At Ohms	Stock No.	Mfrs. No.	Res. Ohms	Tapped At Ohms
K6542	TRP600	6000	2500	K6587	TRP614	350000	75000
K6543	TRP601	30000	6000	K6588	TRP615	3 Meg.	1 Meg.
K6544	TRP602	63000	3000	K6589	TRP616	500000	50000
K6545	TRP603	250000	125000	K6590	TRP617	60000	10000
K6546	TRP604	350000	25000	K6591	TRP618	2 Meg.	200000
K6547	TRP605	350000	75000	K6592	TRP619	500000	100000
K6577	TRP606	500000	100000	K6593	TRP620	2 Meg.	300000
K6578	TRP607	500000	250000			1 Meg.	1 Meg.
K6579	TRP608	1 Meg.	200000	K6594	TRP621	2½ Meg.	250000
K6580	TRP609	1 Meg.	500000			500000	7000
K6581	TRP610	1 Meg.	20000	K6595	TRP622	44000	14000
K6582	TRP611	1 Meg.	170000			50000	50000
K6583	TRP612	2 Meg.	25000	K6596	TRP623	250000	250000
K6586	TRP613	2 Meg.	450000	K6576	TRP624	2½ Meg.	250000

**Your Cost Each, Any of the above Volume Controls 88¢**

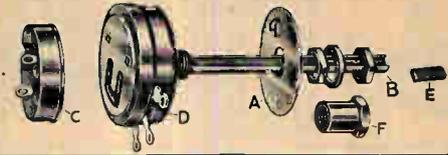
## Universal Dual Controls

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. in Ohms	Rear Res. in Ohms	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	IV	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**

## UNIVERSAL VOLUME CONTROLS



The Yaxley Volume Controls listed on these pages 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 alloy shaft which can be shortened by notching and breaking off; (C) Approved switch; (D) All completely shielded; (E) Knob adapter; (F) Extension bushing.

## UNIVERSAL REPLACEMENT 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	4	K6713	H7	WW	15000	7
K6661	R	WW	6	4	K6714	H12*	Car.	15000	1
K6662	S	WW	20	4	K6741	A20MP*	WW	20000	4
K6663	T	WW	20	4	K6715	Y*	Car.	20000	1
K6664	U	WW	30	4	K6742	Y25MP	Car.	25000	4
K6665	V	WW	60	4	K6676	J	Car.	25000	1
K6666	W	WW	100	4	K6743	Y50MP	Car.	50000	4
K6667	X	WW	200	4	K6677	K*	Car.	50000	2
K6732	A400P	WW	400	4	K6716	K12	Car.	50000	4
K6668	A	WW	500	1	K6717	Z*	Car.	75000	2
K6733	A500P	WW	550	4	K6718	Z12	Car.	75000	1
K6734	A1MP	WW	1000	4	K6744	Y100MP	Car.	100000	4
K6669	B	WW	1000	1	K6673	L	Car.	100000	1
K6719	UC500	WW	1000	2	K6729	FC510*	Car.	100000	3
K6735	A2MP*	WW	2000	4	K6721	UC502	Car.	150000	1
K6670	C*	WW	2000	2	K6745	Y200MP	Car.	200000	4
K6704	C12*	WW	2000	1	K6746	Y250MP	Car.	250000	4
K6736	A3MP*	WW	3000	4	K6679	M	Car.	250000	1
K6671	D*	WW	3000	2	K6730	UC511†	Car.	250000	1
K6705	D7*	WW	3000	7	K6723	UC509*	Car.	250000	3
K6706	D12*	WW	3000	1	K6747	Y500MP	Car.	500000	4
K6737	A5MP*	WW	5000	4	K6680	N	Car.	500000	1
K6738	Y5MP	Car.	5000	4	K6731	UC512†	Car.	500000	1
K6672	E	WW	5000	2	K6795	UC515†	Car.	500000	1
K6707	E7*	WW	5000	7	K6793	UC513	Car.	500000	3
K6708	E12*	Car.	5000	1	K6722	UC503	Car.	750000	1
K6673	F*	WW	7500	2	K6748	Y1000MP	Car.	1 Meg.	4
K6709	F7*	WW	7500	7	K6681	O	Car.	1 Meg.	1
K6710	F12*	Car.	7500	1	K6794	UC514†	Car.	1 Meg.	1
K6739	A10MP*	WW	10000	4	K6682	P	Car.	2 Meg.	1
K6740	Y10MP	Car.	10000	4	K6724	UC504	Car.	3 Meg.	1
K6674	G*	WW	10000	2	K6724	UC505	Car.	4 Meg.	1
K6711	G7*	WW	10000	7	K6725	UC506	Car.	5 Meg.	1
K6712	G12*	Car.	10000	1	K6726	UC507	Car.	5 Meg.	2
K6720	UC501	Car.	10000	2	K6727	UC508	Car.	9 Meg.	1
K6675	H*	WW	15000	2					

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. Supplied Less Switch. List \$1.00  
**Your Cost Each, Any of the above Controls 59¢**

## Control Switches



Stock No.	Part No.	Type	Each
K6288	6-9	S.P.S.T.	29¢
K12853	8	S.P.D.T.	
K6289	7	D.P.S.T.	
K6290	13	3-P.S.T.	35¢
K6291	14	4-P.S.T.	

## Mounting Brackets



For use where control mounts off chassis. Plated metal. Adjustable mounting centers.  
**K6297**—Type RB-248—Mounting centers 1½" to 2½"  
**K6298**—Type RB-249. Mounting centers 2¾" to 2¾"  
**Your Cost Each, Either Type 12¢**

## Extension Shafts



Type A—Length 4"  
**K6561**—¼" diam., ¼" flat.  
**K6562**—¼" diam., ¾" flat.  
**K6563**—¾" diam., ¼" flat.  
**Any Size, Your Cost Each 18¢**  
Type B—2" long, ¼" diameter with ½" slot. Enclosed in tight fitting tube.  
**K6559**—Your Cost 21¢

## Control Hex Nuts

For ¾" bushings.  

No.	For Panels	Each
K6384	¼"	6¢
K6386	½"	9¢
K6385	¾"	12¢

## Volume Control Wrench



For standard volume control nuts.  
**K6387**—No. 178  
**Your Cost Each 12¢**

# PHOTO-ELECTRIC CONTROLS *and* PHOTO CELLS

## EBY Electric Eye Units



Sensational new units at unbelievably low prices! Ideal for use in schools and by beginners and experimenters everywhere.

### Model 120

Designed primarily as an educational toy or for home entertainment and experiment, this unit has all essential operating features. Completely wired and equipped with EBY electric eye and amplifying tube. Can be used to operate a buzzer, electric light, electric counter, etc., depending upon what you choose to connect to the relay circuit. No light supplied but can be operated by any flashlight or electric light. For 110 V. 50/60 cycles s.c. Shpg. wt. 3 lbs. **K14189—Your Cost... \$3.53**

### Model 130

Essentially the same as the model listed above but with more substantial components designed for continuous operation in regular commercial applications. **K14190—Your Cost... \$5.00**

## Experimental Kit



Includes all necessary parts to make up various control circuits. Employs EBY Cell, super-sensitive relay, tube, resistors, etc. EBY Electric Eye Handbook also included. For 115 V. 50 cycle operation. Chassis drilled and punched. Shpg. wt. 3 lbs. **K14185—Your Cost... \$7.94**

### Electric Eye Handbook

**K20016—32-page book on Theory and Practice. Your Cost... 29¢**

## EBY Photo-Cell



As used in above units. Fits 4-prong socket. Requires 150-250 volts. 1 1/2" dia. x 3/4" h. **K14170—Your Cost... \$2.06**

## Sensitive Relays



For all work requiring a highly sensitive relay. Contacts handle 110 v. A.C. at 2.5 amp. or 110 v. D.C. at 1.5 amp.

**K14171—1000 ohm coil Each**  
**K14177—2500 ohm coil**  
**K14178—5000 ohm coil \$3.82**  
**K14179—10,000 ohm coil**

## Photo-Relay Control Units



**For Homes, Stores, Offices and Factories. Easily Installed by Anyone.**



PR-4

The simple basic principle upon which these compact photo-relays operate—namely the interruption or diminution in intensity of a beam of light—can be adapted to so many purposes that it is impossible to list them all here. Perhaps the most popular applications are in stores to announce the entry of customers through an open doorway, in homes for burglary protection, as a safety device in connection with machinery, to start motors, turn valves on and off, counting, sorting, smoke control, etc. See listing below for a partial list of accessories available.

All of the units listed below are for operation from 110 volts. Types PR-1 and PR-4 are for AC and DC, others for AC only. Relay units are fitted with two standard outlets—one "on" with light beam interrupted—the second "on" with light beam on full. Will handle devices requiring up to 300 watts on AC, 100 watts DC. Power consumption of each unit is less than 20 watts.

**Type PR-1.** Operating range up to 15 ft. Requires PR-4 or similar light source. One stage of amplification. Dimensions: 5 1/2 x 4 1/2 x 1 3/4". Shpg. wt. 3 lbs. **\$8.82**

**K15730—Complete with tubes. Your Cost**  
**Type PR-2.** Operating range up to 50 ft. with PR-4 light source. Two stages amplification. 7 1/4 x 5 1/2 x 2 1/4". Wt. 4 lbs. **\$11.76**

**K15731—Complete with tubes. Your Cost**  
**Type PR-3.** Similar to PR-2 but with built-in light source. Must be used with reflecting mirror (Mirror not supplied). **\$14.20**

**K15732—Complete with tubes. Your Cost**  
**Type PR-4.** Light source for use with PR-1 and PR-2. Has tilting bracket. Dim.: 3 1/2 x 1 3/4 x 1 1/2". Shpg. wt. 2 lbs. **\$2.45**

**K15733—Complete with bulb. Your Cost**

### Accessories

110 V. units operate direct—6-8 V. require step-down transformer.  
**K15734—Chime (1-tone). 6-8 V. AC. Each... \$1.00**  
**K15735—Fire Alarm Bell. 110 V. AC. Each... 8.50**  
**K15736—Bell. 6-8 V. AC. Each... .50**  
**K15737—Vibrating Horn. 115 V. AC. Each... 12.00**  
**K15738—Electric Counter without reset. 110 V. AC. Each... 6.00**  
**K15739—Electric Counter with reset. 110 V. AC. Each... 10.00**  
**K15740—Step-down Transformer 110 V. to 6-8 V. A.C. Each... .75**  
**K15741—Reflecting Mirror. Each... 1.50**  
**"Photo Relays, Theory and Application" a valuable booklet with loads of information on this interesting subject. K15790... 25¢**

## WORNER "Photo-Electric" Units

### "Industrial" Unit

A modern control for manufacturing operations. Designed for continuous duty in connection with safety, counting, sorting and similar operations. Quick acting and sensitive. A means is provided for adjusting the sensitivity of the photo-cell to light intensities so that it can be used to operate with variations in density of smoke, paper, translucent material, etc. Relay contacts rated at 1 ampere inductive load and 3 ampere non-inductive load, either AC or DC, up to 110 volts. Black wrinkle finished metal cases: Photo-cell unit—6 3/4 x 7 x 4"; Light Source—7 x 4 x 3 1/4". Shpg. wt. 5 1/2 and 4 lbs. respectively.

**K15665—Model 201-R Relay Unit for 110 V. 50/60 cycles AC. List \$26.50 Your Cost... \$15.58**



**K15666—Model 201-L Light Source for 110 V. 50/60 cycles AC. List \$10.50 Your Cost... \$6.17**

## Photo-Cell Kits

Definitely not toys but well designed units suitable for commercial applications. Will handle 1 A. at 110 volts. Kits are complete in every detail including chassis, tubes, etc. Two models—battery and AC-DC operated. Battery model requires 1-1 1/2 V., 1-22 1/2 V. and 2-45 V. batteries. Battery light source requires 6 V. storage battery. AC-DC model can be used on any 110 V. AC or DC powerline. Shpg. wt.—relay unit 5 lbs.—light source 3 lbs. Instructions included with each model.



**Battery Model**  
**K15668—Relay Unit... \$5.90**  
**K15670—Light Source... 4.40**  
**110 V. AC-DC Model**  
**K15667—Relay Unit... \$5.90**  
**K15669—Light Source... 4.40**

### Reflecting Mirror



Used to reflect visible or invisible light beams. Universal bracket. **K15677—Each... \$2.65**



## 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 1/4" in diameter and 1" thick. Has multitude of uses for research, photography, relay work, etc. Has found numerous uses in industrial work, machine application and light measurement. Shpg. wt. 1 lb. **K14139—Your Cost Each... \$7.50**

## Cetron Cells

Standard Cetron Photo-Cells as used in most of the popular sound projectors and photo-relay controls. **CE-1—4 prong plug-in type base. 3 3/8" high. Cathode area .94".**  
**CE-2—4 prong base. 2 7/8" high. Cathode area 1.33".**  
**CE-3—Flexible leads with phone tips. Cathode 1 1/4" square.**

**Your Cost, Any Type... \$5.40**

**NOTE: We are prepared to furnish any type of photo-cell equipment for industrial purposes. Write us giving full details.**

## WORNER "Announcer"



At last a complete unit for general use in the home, store or office at a sensationally low price! Entirely self-contained and complete with reflecting mirror and external chime! Installed in a few minutes across passage ways, doors, windows, driveways, etc. Operates over distances up to 15 feet. Includes built-in power supply to operate the chime or any other 9 V. AC-operated warning device. Principle of operation is simple—a built-in light source projects a beam which is reflected by a mirror (furnished) back into the built-in photo-cell. Breaking this beam of light causes the chime to sound. For 110 V. 50/60 cycles AC. Steel case finished in grey wrinkle lacquer. Mounts anywhere. Size: 6 1/2 x 7 1/4 x 3". Shpg. wt. 7 lbs. **K15664 List \$19.50 Your Cost... \$11.47**

## Photo-Electric Burglar Alarm



Provides invisible protection for stores, homes, shops, warehouses, etc. Employs

**invisible infra-red light!** Interruption of either the light beam or the 115 volt 50/60 cycle electric power line will cause the alarm to ring and remain ringing until reset by means of a key-less combination locking device, thus providing a completely tamper-proof system. Projection distance up to 75 ft. either direct or by mirrors. Has a built-in bell but batteries for operation not included. External bell can also be added. Relay unit: 6 3/4 x 7 x 4". Light: 7 x 4 x 3 1/4". Shpg. wt. 12 lbs. **K15675—List \$46.50 Your Cost... \$27.34**

**K15676—Additional outdoor bell in weather-proof case with 25 ft. wire and batteries. 10x10x4". Wt. 10 lbs. Each... \$7.64**

## WORNER "Invisible Servant"



A top-quality Photo-Electric unit that can be used for a multitude of purposes. Announces customers as they enter a store, physician's patients as they come into the reception room, warns of movements in or about a baby's crib, safeguards valuable property, etc. Easily installed because it combines both light source and relay in a single unit. Light beam is reflected by a mirror and any break in the beam causes a relay to operate and connect the built-in power supply of 9 V. AC to a suitable alarm bell, chime, etc. Distance between unit and mirror can be up to 25 ft. Operates from any 115 V. 50/60 cycles AC power line. Can be installed by anyone in a short time; instructions furnished. Size: 4 1/2 x 5 x 7". Shpg. wt. 6 lbs. Supplied complete with mirror but without bell or chime. **K15673—List \$28.50 Your Cost... \$16.76**



# Line Noise Eliminators

## TOBE FILTERS AND FILTERETTES

### 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¢**

### Filterette For Electric Razors



The To-be Electric Razor Filterette is scientifically constructed and designed to eliminate radio noise caused by using electric razors. It keeps the radio noise from reaching the light wiring. Works on any make electric razor using 110 volts a.c. or d.c. Shpg. wt. 1 lb. **K12615—Your Cost..... 59¢**

### Power Line Filterette



Reduces noises through the power line. Contains high efficiency inductances in both sides of line, to provide maximum filtering. Excellent for 110 volt AC or DC all-wave receivers. Capacity 250 watts. With cord and plug. Metal case, dim.: 4x3x2". **K12608—Type RF2—Your Cost Each..... \$2.79**

### Filterette Jr.

For small household appliances. For 110-120 volts. For use with motors up to 1/2 h.p. In bakelite case 2 1/4 x 1 1/2". Has ground post for frame of appliance. **K12601—Each..... 73¢**



### Filterette Senior

Like above, for larger noise causing devices. Wt. 4 lbs. **K12600—Each..... \$2.79**

### Heavy Duty Filters

For use on motors, generators, farm lighting systems, etc. In metal cutout box. For 110 volts A.C. or D.C.

No.	Amps.	Shpg. Wt.	Each
K12680	5	10 lbs.	\$7.35
K12681	10	15 lbs.	11.76



### Oil Burner Filter

Like above, but especially designed for oil burners. Only 2x2x4". Rated 2 1/2 amps. Shpg. wt. 8 lbs. **K12609—Your Cost..... \$4.67**

### Radio Noise Cures

By To-be. Describes origin of radio interference, and how to correct. **K12695—Your Cost..... 29¢**

## AEROVOX Interference Filters

### IN-27



Small capacitive type for use between set and outlet. 1 3/8 x 1 3/8". Keeps noise out of line and wiring. Shpg. wt. 1 lb. **K4801—Your Cost Each..... 38¢**

### IN-28



Designed for mtg. directly on the noise causing device. Only 1 3/8 x 1 3/8". **K4802—Your Cost Each..... 56¢**

### IN-29



Affords greater filter action than IN-27 and 28. Ideal for electric razors. 1 3/8 x 2 3/8". Shpg. wt. 1 lb. **K4803—Your Cost..... 44¢**

### IN-30



Similar to the IN-29 listed above, but handles more severe interference. Plugs between noisy appliance and outlet or between the set and the outlet. Only 1 3/8 x 2 3/8". Wt. 1 lb. **K4804—Your Cost Each..... 73¢**

### IN-31



Plugs between attachment cord and electric outlet of either set or appliance. Provides additional inductance for better filtering. 1 3/8 x 2 3/8".

**K4805—Your Cost Each..... 88¢**

### Antenna Substitute ANT-32



Plugs into outlet or light socket. Flexible lead connects with set antenna. Provides good aerial substitute under average wiring conditions. 1 3/8 x 1 3/8". **K4806—Your Cost Each..... 59¢**

### IN-24 Heavy Duty Noise Filter



Overcomes most serious cases of radio interference. Combined capacitive and inductive filter. Plugs into electric outlet; set or appliance plugs into receptacle. For 110-220 volts, AC or DC. Size: 4x2 1/2 x 3 1/8". With cord and plug. Wt. 3 lbs. **K4792—Your Cost..... \$2.79**

## TACO All-Wave Line Filters

### De Luxe Model 100

An effective capacitive-inductive filter designed for radios and appliances drawing no more than 200 watts at 120 volts a.c. or d.c. Eliminates noises (man-made) on broadcast, short-wave and ultra-high frequency bands. In sturdy brown metal case 4x4x5" with receptacle, cord and plug. Shpg. wt. 5 lbs. **K12505—Your Cost..... \$4.41**



### TACO STANDARD Model 104 Filter

Eliminates noises entering through power line. Capacitive-inductive. In round metal housing 3 1/4 x 3 1/2". With cord and plug. For 110-250 volts a.c. or d.c. Max. 200 watts. **K12506—Each..... \$2.35**



### C-D Fluorescent Lamp Filter

#### Capacitive type, ideal for fluorescent lights. In metal case. For 110 v., a.c. or d.c. List 75c.

**K12551—Each..... 44¢**



### Plug-in "Filternoys"

.1 mfd. condenser in bakelite plug-in coupler. Diverts noise caused by lamps, vacuum cleaners, and other appliances. **K12592—Each..... 29¢**



## Cornell-Dubilier "Quietones"

A TYPE FOR USE ON EACH MACHINE. Each have plug end and receptacle, for connecting between noisy device and line.

For These	Use	For These	Use
Adding Machines	IF-18	Dishwashers	IF-19
Addressing Machines	IF-18	Drink Mixers	IF-6
Billing Machines	IF-18	Floor Polishers	IF-13
Dental Machines	IF-19	Food Mixers	IF-19
Dietating Machines	IF-19	Fans	IF-19
Drilling Machines	IF-19	Hair Dryers	IF-6
Sewing Machines	IF-6	Heating Pads	IF-6
Washing Machines	IF-19	Juice Extractors	IF-19
Air Conditioners	IF-18	Massagers	IF-19
Auto Call Systems	IF-18	Radios	IF-18
Barber Clippers	IF-21	Refrigerators	IF-18
Cash Registers	IF-18	Vacuum Cleaners	IF-6

IF-6. Available in Ivory or Walnut. Specify color. For 110 V., 5 A. max. **K12492—Your Cost..... 73¢**

IF-21. All-wave capacitive-inductive filter. For 110 V., 1.6 amps. max. In Ivory or Walnut Bakelite Case. Specify color. **K12495—Your Cost..... \$1.47**

IF-18. All-wave capacitive-inductive filter. For 110 volts, 5 amps. max. In Walnut Bakelite case. **K12493—Your Cost..... \$2.94**

IF-19. Capacitive-inductive filter. For 110 volts, 5 amps. max. Walnut Bakelite case. **K12494—Your Cost Each..... \$2.35**

### Special Type Quietones

IF-22A. For use with Schick, Knapp Monarch and similar type shavers. In Ivory or Black Bakelite case. Specify color. **K12496—Your Cost..... \$1.03**

IF-22B. As above, but for Packard, Zephyr, Remington-Rand, Ronson, etc., shavers. **K12497—Specify color. Your Cost..... \$1.03**

IF-4. For small receivers where noise is not too severe. Ivory or Walnut Bakelite case. **K12490—Specify color. Your Cost..... 44¢**

IF-5. As above, but for small appliances such as mixers, hair dryers, etc. Ivory or Walnut Bakelite case. Specify color. **K12491—Your Cost..... 44¢**

IF-27. Capacitive-inductive filter for severe interference from oil burners, motors, etc. For 110 volts, 5 amps. max. In steel box; flexible leads. **K12498—Your Cost..... \$2.65**

IF-28. Same as above, but for 110 volt equipment drawing up to 10 amps. **K12499—Your Cost..... \$4.70**



IF-22A-B



IF-4-5



IF-27-28

## BELDEN Power Line Filters

### De Luxe Model No. 8100

Underwriters Approved. Effectively prevents power line interference. Has two dual condenser sections and two dual high "Q" choke coils. Eliminates man-made static on both broadcast and short-wave bands. Rated 3 amperes at 115 volts a.c. or d.c. In metal housing with long rubber covered cord and plug; has ground connector. Shpg. wt. 3 lbs. **K12503—Each..... \$5.95**



Standard Model No. 8105. Has dual high capacity, low inductance condenser section. Otherwise like No. 8100. Wt. 3 lbs. **K12504—Each..... \$2.94**

### SPRAGUE IF-21 Filter

Metal cased dual condenser filter. For use across brushes of small motors, etc. 2 1/2 x 1" dia. 6" leads. **K12441—Each..... 59¢**



## Cornell-Dubilier "Industrial Quietone" Model IF-7A

Capacitive-inductive heavy duty filter for eliminating noises caused by motors, oil burners, diathermy machines, elevators, etc. In steel cut-out box 6x6x4", with knock-outs for BX cable or conduit. For single phase 110-220 volts a.c. or d.c. at 5 amps. Shpg. wt. 9 lbs. **K12500—Each..... \$4.41**





# Beginners' Sets and Accessories



## Philmore Crystal Sets



(A) **SUPERTONE:** Has glass enclosed super-sensitive crystal detector with adjustable cats whisker. Gets stations loudly and clearly. Slide contact tuning. Has posts for aerial, ground and earphones. Shpg. wt. 1 lb.  
**K13888—Your Cost..... 69¢**

(B) **LITTLE WONDER:** Like above, but detector is not enclosed. Bakelite housing. Shpg. wt. 1 lb.  
**K13889—Your Cost..... 52¢**

## "SELECTIVE" Cabinet Model

The circuit of this metal cabinet housed crystal set incorporates a tapped coil and a variable tuning condenser. A real tuned receiver! Equipped with a supersensitive glass covered crystal which brings in stations loudly. Two headsets can be plugged in, for two listeners. Shpg. wt. 3 lbs. With crystal.  
**K13886—Each..... 2.35**



## "TEE-NIE" Crystal Set in Cabinet



Looks like a real power set. In Walnut finished cabinet. Has pre-tested crystal. Calibrated dial. Complete with a special lightweight earphone and coil of aerial wire. Size:  $4\frac{1}{2} \times 3\frac{3}{8} \times 2\frac{1}{2}$ ". Shpg. wt. 3 lbs.  
**K13822—Each..... 1.31**  
 Set only, less phone and wire. Shpg. wt. 2 lbs.  
**K13823—Each..... 88¢**

## 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 40¢.  
**K13920—Your Cost..... 5¢**

## Super-Sensitive Crystal

Gets more stations and gets them louder. Each crystal is meter-tested after selection.  
**K13901—10 For 85¢**  
**Your Cost..... 10¢**

## "Economy" Aerial Kit

Contains everything necessary to put up a good broadcast aerial. Includes: 90-ft. of 7/27 stranded wire, 25-ft. rubber covered lead-in, lead-in strip, ground clamp, 2 nail-knobs, 2 porcelain insulators and instructions. Wt. 2 lbs.  
**K16478—Each..... 37¢**

## PHILMORE VACUUM TUBE RECEIVERS

- Completely Wired Models—Ready to Operate
- Kits For Home Construction—Easy to Assemble

### ONE-TUBE BATTERY SET

With this 1-tube battery set you can tune many stations. 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**  
**Parts Kit..... 1.15**  
**K13840—As above, but completely wired. Your Cost..... 1.15**  
**Battery Kit: 1-45 V. "B" and 1-No. 6 "A"..... .72**  
**K13841—Kit of 4 extra coils (13-240 meters)..... .72**  
**Type 30 tube used in above set. Your Cost..... .36**



### 2-Tube Battery Set

Similar to above, but uses two type 30 tubes. More powerful—will get more distance. Complete kit of parts with simple instructions and one plug-in coil to cover 200-530 meters. Less tubes.

**K13842—Kit**  
**Your Cost..... 1.49**  
**K13843—As above, but wired.**  
**Your Cost..... 51.89**  
 Two 30-type tubes. Net. 72¢  
 Battery Kit: 2-45 V. "B" and 1-No. 6 "A". Your Cost. \$2.09  
**K13844—Set of 4 plug-in coils to cover 13-240 meters..... 72¢**

### 2-TUBE A.C.-D.C. SET

A real electric receiver. Operates from any 110-volt outlet either a.c. or d.c. One tube used as rectifier. Simple instructions. With one plug-in coil for broadcast range (200-530 meters). Cord and plug.

**K13845—Less tubes. \$2.25**  
**Your Cost..... 2.25**  
**K13846—As above, but wired.**  
**Your Cost..... 52.65**  
 Two type-76 tubes. Net. 64¢  
**K13844—Set of 4 plug-in coils to cover 13-240 meters..... 72¢**

## 3-Tube Battery Kit With Speaker



A fine, easy to assemble 3-tube battery set that incorporates a permanent magnet speaker for fine tone and volume.

You need only a screw driver and soldering iron to assemble. Uses 1-1C5G and two 1H5G tubes; low battery drain, high sensitivity. Requires only 1-1½ volt "A", 2-45 volt "B" and 1-7½ volt "C" batteries. Broadcast band coil supplied (200-530 meters). Size:  $12\frac{1}{2} \times 5\frac{3}{4} \times 4\frac{1}{2}$ ". Shpg. wt. 4 lbs.  
**Less tubes and batteries.**  
**K13851—Your Cost..... 5.10**  
 Kit of: 1½ volt, 7½ volt and two 45 volt batteries..... 52.67  
**K13852—3 coils to cover from 17-200 meters..... 72¢**

## 2-Tube A.C.-D.C. Kit



A swell 2-tube short-wave receiver that works equally well on either 110 volts a.c. or 110 volts d.c. Employs two 76 tubes (one type 76 used as rectifier). Metal panel finished in telephone black; plated metal chassis. Complete with one plug-in coil for broadcast band (200-530 meters). Shpg. wt. 3 lbs.  
**K13853—Less tubes \$3.23**  
**Your Cost..... 3.23**  
 Two type 76 tubes Net..... 64¢  
**K13844—Kit of 4 coils to cover from 13-240 meters..... 72¢**

## 2-Tube A.C.-D.C. Kit In Plastic Case

Beautiful manufacturers type 2-tube a.c.-d.c. set in neat walnut plastic case  $6\frac{1}{2} \times 5 \times 4\frac{1}{2}$ " deep. Uses a 6J7GT and 32L7GT (rectifier) and has fine P.M. speaker. Sensitivity, tone and volume unusually good. Supplied with broadcast coil (200-530 meters). With instructions. Wt. 4 lbs. Less tubes.  
**K13860—Your Cost..... 6.95**  
 6J7GT and 32L7GT..... 51.20  
**K13857—Set of 3 S.W. coils from 17-200 meters..... 72¢**



## 2-Tube A.C.-D.C. Kit With Speaker

Operates on 110 volts a.c. or 110 volts d.c. Includes a 4" permanent magnet speaker that provides good tone and volume. Employs one 6C6 and one 25A7 rectifier tube. All parts and complete instructions furnished. Size (assembled):  $12\frac{1}{2} \times 5\frac{3}{4} \times 4\frac{1}{2}$ ". With broadcast coil, 200-530 meters. Wt. 3 lbs. Less tubes.  
**K13856—Kit..... 5.75**  
 6C6 and 25A7GT tubes..... 51.06  
**K13857—3 S.W. coils to cover from 17-200 meters..... 72¢**



## Empire Earphones



Phones have clock-steel band permanently attached. 4½ foot cord.  
 Lightweight. 1000 ohms per phone.  
 Single Earphone. **K13896—Ea. 66¢**  
 Double Headset. **K13892—Ea. 97¢**

## 3 Tube A.C.-D.C. Kit

Like above, but uses additional 6C6 tube for increased sensitivity and power. Less tubes.  
**K13858—Kit..... 6.95**  
 2-6C6's and 1-25A7GT..... 51.42  
**K13859—Set of 6 plug-in coils to cover 17-200 meters..... 51.44**

## Philmore Compacts "TINY-TIM" 1-Tuber

Uses a low drain type 1E4G tube for increased sensitivity and volume. Good head-phone reception on local stations. Single control knob. Colorful airplane luggage case with compartment for earphone. Complete with 1E4G tube, single headphone, one two-cell "A" battery and instructions. No "B" battery required. Size:  $5\frac{1}{4} \times 2\frac{1}{2} \times 3\frac{3}{4}$ ". Net 1 lb. Shpg. wt. 3 lbs.  
**K13850—Your Cost..... 3.23**



## "DWARF" 1-Tuber



A more sensitive model that gives you greater volume. Uses a 1E4G low drain tube. Has a volume control, volume and station selector. Comes complete with a single headphone, two 2-cell "A" batteries and complete instructions. In neat airplane luggage type case. Size:  $5\frac{1}{4} \times 4\frac{1}{2} \times 3\frac{3}{8}$ ". Weighs only 1¼ lbs. Push-type "on-off" switch on panel. Requires no "B" batteries. Shpg. wt. 3 lbs.  
**K13849—Your Cost Complete..... 3.90**

## ICA Crystal Set Kit

A complete kit for building your own crystal set. Easy to build—has good volume and is a real nice-looking job. Adjustable glass covered crystal—solenoid coil.  
**K13855—Each..... 75¢**



## Glass-Enclosed Crystal Detector

Dust-proof. An easily adjusted crystal unit equipped with a super-sensitive mineral and a cats whisker.  
**K13916—Each..... 22¢**



## Stand with Crystal

Ball and socket swivel arm for contacting any point on crystal quickly and easily. Attractively mounted. Furnished with crystal that is tested for extra sensitivity. Clip terminals.  
**K13917—Complete..... 12¢**  
 10 For..... \$1.10



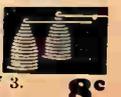
## Fixed Crystal Detector in Bakelite Case

Supersensitive point found by meters and fixed permanently. In Bakelite case with screw connections.  
**K13913—Your Cost..... 43¢**



## Cat Whiskers

Finest wire—correct tension—holds that sensitive spot.  
**K13921—Envelope of 3..... 8¢**



To Speed Handling of YOUR Order -- Use Our Order Blank

# HEADPHONES and ACCESSORIES

## BRANDES "Admiral" Headphones

Compact, efficient phones featuring powerful magnets, molded caps, stainless steel headbands with new type adjustable clips, concealed terminals. With 5-ft. cord.

- K13928—2000 ohms **\$1.89**
- Per Set .....
- K13929—3000 ohms **\$2.06**
- Your Cost, Per Set .....
- K13930—5000 ohms **\$2.49**
- Your Cost, Per Set .....



## BRANDES "Superior" Headphones

The old standby in the radio field. Similar to above, but with exposed screw terminals. 2000 ohms.

- K13925—Your Cost, Per Set .....
- K13936—Bakelite Cap (fits all models). Each .....
- K13935—Aluminum Cap (fits all models). Each .....
- K13937—Diaphragm only (fits all models). Each .....

**\$1.79**

## 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 .....

## Cannon Ball "Chief" All Bakelite Phones



High grade, sensitive phones in molded bakelite housings. Provided with leather covered adjustable head band and 5-ft. cord. Concealed terminals. Phones are sealed—tamper proof. Wt. 2 lbs.

- 2000 ohms imp. K13948—Per Set **\$2.10**
- 3000 ohms imp. K13949—Per Set **\$2.25**

## BRUSH Crystal Phones

Range 60 to 10,000 c.p.s. High impedance. Molded brown cases sealed to insure against tampering. Light and comfortable.

**Double Headset.** Fig. A. Two phones. Padded adjustable headband. With 5 ft. cord. List Price \$9.00.

K13924—Your Cost **\$5.29**

**Single Headset.** Fig. B. Metall c headband with rubber end cushion. 5 ft. cord. List Price \$5.00.

K13922—Your Cost **\$2.94**

**Lorgnette Phones.** Fig. C. Single phone with chromium and black enameled handle. Extends from 12" to 17". 5 ft. cord. Shpg. wt. 1 lb. List \$6.50.

K13923—Your Cost **\$3.82**



## Headphone Adapter

On fibre panel 2x2". For all sets. Three positions; phones, speaker, and both phones and speaker. Full instructions.



K13942—Your Cost **85¢**

## Headphone-Speaker Switching Adapters



Toggle switch disconnects the speaker when phones are in use. Can be attached to any radio. Single adapter type for sets with single output tube; two-adapter type for p.p. tubes.

- | SINGLE | Prongs  | DOUBLE |
|--------|---------|--------|
| K11720 | 4       | K11723 |
| K11721 | 5       | K11724 |
| K11722 | 6       | K11725 |
| K11743 | 8 (oct) | K11744 |
- Single Adapter Type **\$1.45**  
Your Cost Each .....
- Double Adapter Type **\$1.63**  
Your Cost Each .....

## Phone and Speaker Cords



### Cotton Braid Insulation

- | No.    | Type    | Feet | Each       |
|--------|---------|------|------------|
| K13955 | Double* | 5'   | <b>17¢</b> |
| K13956 | Double† | 5'   |            |
| K13957 | Single† | 5'   | 12c        |

### All-Rubber Phone Cord

New double headphone cord for hospitals, institutions, etc. K13959—Double\* 6-ft. **63¢**

### Extension Cords—Tinsel Center

- | Stock No. | Feet | Your Cost |
|-----------|------|-----------|
| K13945†   | 10   | 18c       |
| K13946†   | 20   | 22c       |
| K13947†   | 30   | 33c       |

\*Spade tips one end; straight tips other. †Pin tips both ends.

## CANNON-BALL HEADPHONE KIT



When installed, the user can enjoy headphone reception only, speaker reception only or both together. Complete outfit consists of: 3-ft. connecting cable, adapter with three-way switch and terminal jacks on an insulated panel, special Empire phones with 6-ft. cord and complete installation instructions. Shpg. wt. 3 lbs.

K13944—Your Cost, Complete Kit **\$1.95**

## "EMPIRE" DX TYPE HEADPHONES

Made especially for DX fans. Have featherweight aluminum shells and a one-piece adjustable headband of stainless steel with adjustable clips. Each unit has a powerful bi-polar magnet and a BAKELITE CAP. Highly sensitive. Shpg. wt. 2 lbs.

- 2000-Ohm Headset K13892—Complete. **97¢**
- Your Cost .....
- K13893—3000 ohms **\$1.25**
- Your Cost .....
- K13894—Cap for above. Ea., 12c
- K13895—Diaphragm. Ea., 5c



**"EMPIRE" Single Unit Headsets**  
Similar to above, but one phone. Clock-set band permanently attached; with 4½ ft. cord. K13896—1000-ohm single set. **66¢**  
Your Cost .....

K13897—1500-ohm single set. **79¢**  
Your Cost .....

## TRIMM Featherweight Phones

Lightweight—only 4 ozs. Beautifully made. Bakelite shell and cap. Forged cobalt steel magnets. Adjustable steel headband.

K13919—24,000 ohms impedance. **\$5.88**

K13918—4,000 ohms impedance. **\$5.88**

Your Cost Each .....

**TRIMM Dependable Headset**

Well made low priced set. Bakelite shells and caps. Chrome steel magnets.

K13914—2000 ohms. **\$2.00**

Your Cost Per Pair .....

**Professional Headset:** Similar but 4,000 ohms. K13915—Each **\$2.47**

**Commercial Headset:** DeLux super-sensitive phones. Exceptionally rugged. 3 year guarantee. A favorite of commercial operators.

K13908—17,000 ohms imp., with navy type plug. **\$9.40**

Your Cost .....

K13912—Same as above, less plug. **\$8.23**



## BRUSH Lightweight Xtal Phones Type "B"

Extremely compact construction. Sealed aluminum shell. High impedance. Adjustable metal headband. Lightweight (3½ oz.) makes it especially desirable for continuous use by commercial operators and for the hard of hearing. Furnished complete with 5 ft. cord. Shpg. wt. 2 lbs. List \$9.00.

K13909—Your Cost **\$5.29**



## BRUSH "Hushatone" Pillow Speaker

Ideal for hospitals sanatoriums for convalescents, and bed-ridden patients. Easily attached to any radio. Housed in a sanitary completely sealed rubber housing. Comes complete with rubber covered attachment cable and full instructions. Cannot be heard away from the pillow by others in the same room. 7 ft. cord.

K13911—Your Cost **\$4.41**

## Phone Cushions

Sponge rubber. Protect ears. 10 Pr. for **\$1.98**. K13940—Per Pair **23¢**

## Hearing Aid Volume Control

Cord control for headphones. Imp. 50,000 ohms. 2¼x1½x1¼". With 4 ft. cord. Shpg. wt. 1 lb. K13890—Each **\$1.59**



## TRIMM "Quiet Radio" Headphone Attachment

Outfit consists of a control box with built-in selector switch and a headset of special low resistance type. Easily attached to any radio. Switch permits use of headphone only, speaker only or speaker and phone simultaneously. Shpg. wt. 3 lbs. K13903—Model 647

Your Cost, Complete **\$2.59**



FOR PHONE PLUGS SEE PAGE 90

# Meissner "BUILD-YOUR-OWN" KITS

★ CHOICE of COMPLETE or FOUNDATION KITS ★

## 12-Tube "Custom" Super



Provides complete coverage in FIVE BANDS from 7.15 to 2270 meters (132 kc. to 42 mc.). Features: **Factory Aligned and Wired Tuning Unit**; "television" tubes in R.F. stages; 9" linear scales on slide rule dial; smooth verniers; precision 3-gang condenser; Align-aire (air tuned) coils; two-stage Ferrocator (iron core) I.F. channel with electrically variable band expansion; diode second detector; separate bass and treble controls; phono-jack; inverse feedback, 15-watts output. Tuning "Eye" indicator. Chassis 10x17x3". Complete with all parts, diagrams, etc.

**K21210**—Complete kit of parts but less panel, cabinet, speaker and tubes. Shpg. wt. 22 lbs. No. 10-1156. List \$99.50  
**Your Cost \$58.51**

**K21123**—Front Panel 19 1/4 x 10" ..... \$2.06  
**K21146**—Cabinet 19 1/4 x 10 x 11 1/2" ..... 4.41  
Requires: 2-1853's, 1-6SA7, 2-6K7, 1-6H6, 2-6C5, 2-6L6, 1-5X4G and 1-6G5 tubes. For prices see pages 35, 36 and 37.

### Special Foundation Kit

Consists of chassis, i.f. transformers and completely wired tuning unit incorporating the dial, variable condenser, r.f. coils, switch and air-tuned padders. Shpg. wt. 10 lbs. List \$71.50.

**K21318**—Your Cost ..... **\$42.04**

## 9-Tube "Custom" Super

Essentially the same as the above listed "Custom 12" but for 4 Band operation. 7.15 to 555 meters. Simplified model for low cost, high quality performance. Single I.F. stage. R.F. stage on all bands. Output 8.5 watts. Chassis 9x13x4 1/2". For 110 volts, 50/60 cycles a.c. Shpg. wt. 25 lbs.

**K21208**—Complete kit of parts less panel, cabinet, speaker and tubes. No. 10-1129. List Price \$76.20.  
**Your Cost \$44.81**

**K21139**—Panel 19 1/4 x 10" ..... \$1.76  
**K21146**—Cabinet 19 1/4 x 10 x 11 1/2" ..... 4.41  
Requires: 2-1853's, 1-6SA7, 1-6K7, 1-6F8G, 2-6V6G's, 1-5Y4G, and 1-6G5. See pages 35, 36 and 37 for prices.

### Foundation Kit

Includes chassis, variable condenser, coil assembly with switch, i.f. transformers and dial. Wt. 12 lbs. List \$43.00.  
**K21311**—Your Cost ..... **\$25.28**

### Speakers For Meissner Kits

Specially selected speakers that assure the utmost in performance from each kit.

Kit	Type of Speaker	Stock No.	Each
12-Tube	12" heavy duty dynamic	K10393	\$6.64
9-Tube	10" heavy duty dynamic	K19284	3.09
7-Tube	8" dynamic	K19283	2.25
3-Tube	3" magnetic	K19121	88c



### MEISSNER "How To Build It" Manual

Includes all models from the one tube kit right up to the F.M. and television receiver. Complete technical data, pictorial and schematic diagrams.

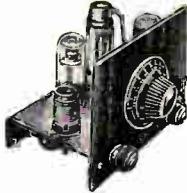
**K19978**—Your Cost ..... **48c**

### TIME PAYMENTS

All Meissner Kits selling at \$20.00 or more (except Television Kits K22402, K22403) are now available on a 6-month easy-payment plan. Write for full details.

## Student's "Midget" Kits

Adopted as standard by a number of high schools for instructional purposes. Excellent for any beginner or experimenter. Not toys but real radio sets that perform surprisingly well. "Add-on" kits available to make the one tube model into a two tube, and the two into a three. **Broadcast coil furnished with each kit (except "add-on" kits).** Shpg. wt. approx. 2 lbs. each.



**K10415**—1 Tube Kit for headphone reception. Requires 1 type 1E4G tube, 1-1 1/2 volt dry cell and 1-45 volt B Battery. Less tube and battery. List \$5.00.  
**Your Cost \$2.94**

**K10416**—2 Tube Kit. Uses 1-1C5G, 1-1E4G, tubes, 1-1 1/2 volt A, 2-45 volt B and 1-7 1/2 volt C batteries. Less tubes and batteries. List Price \$6.00.  
**Your Cost \$3.53**

**K10417**—3 Tube Kit. Uses 1-1E4G, 1-1C5G and 1-1H5G tubes, 1-1 1/2 volt A, 2-45 volt B and 1-7 1/2 volt C batteries. Less tubes and batteries. List Price \$7.50.  
**Your Cost \$4.41**

### "Add-on" Kits

**K10418**—Converts a 1-tube into a 2-tube kit. Less 1C5G Tube.  
**Your Cost \$9c**

**K10419**—Converts a 2-tube into a 3-tube kit. Less 1H5G Tube.  
**Your Cost \$1.09**

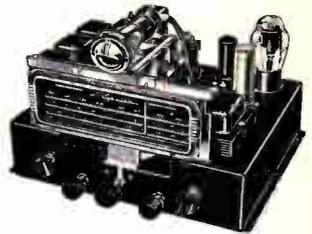
### Accessories For Above Kits

**K10420**—70 to 200 meter plug-in coil } Each  
**K10421**—35 to 70 meter plug-in coil } **35c**  
**K10422**—17 to 35 meter plug-in coil }  
**K10423**—545 to 1500 meter (long wave coil).  
**Your Cost Each** ..... 88c  
**K20182**—1 1/2 volt A Battery ..... 21c  
**K20179**—45 volt B Battery ..... 94c  
**K19868**—7 1/2 volt C Battery ..... 48c

FOR TUBES SEE PAGES 35, 36 and 37.

**K13896**—Single Headset ..... 66c  
**K13892**—Double Headset ..... 97c

## 7-Tube A.C. "Utility" Supers



Moderately priced kits that perform exceptionally well. **Complete kits** contain all hardware, parts, wire, etc. **Foundation kits** contain the chassis, variable condenser, r.f. coils, i.f. transformers, switch, dial and padders. Complete instructions supplied with all kits. For 110 volts, 50/60 cycles a.c. Chassis: 10x12x3". Shpg. wt. 13 lbs. per kit.

### Broadcast Band Only

**Complete Kit. K21124**—Tunes from 530 to 1660 kc. Less tubes, panel, cabinet and speaker. No. 10-1103. List \$35.20.  
**Your Cost \$20.70**

**Foundation Kit. K21312** ..... **\$9.70**  
List \$16.50. **Your Cost** .....

### Broadcast and Short Wave Bands

**Complete Kit. K21125**—Tunes 530 to 1660 kc. and 5.8 to 18.8 mc. Less tubes, panel, cabinet and speaker. No. 10-1104. List \$39.50.  
**Your Cost \$23.23**

**Foundation Kit. K21313** ..... **\$14.55**  
List \$24.75. **Your Cost** .....

### Broadcast, Police and Short Wave Bands Complete Kit. K21126

—Tunes 537-1770 kc., 1.75-5.4 mc. and 5.2-18.5 mc. Less tubes, panel, cabinet and speaker. No. 10-1110. List \$43.50.  
**Your Cost \$25.58**

**Foundation Kit. K21314** ..... **\$16.17**  
List \$27.50. **Your Cost** .....

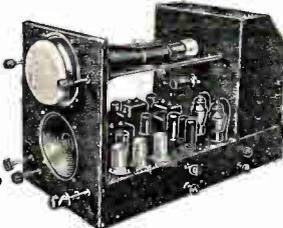
### Accessories for Above Kits

**K21147**—Front panel for **K21124** ..... \$1.09  
**K21129**—Panel for **K21125** and **K21126** ..... 1.09  
**K21130**—Cabinet for all models. 11x14x10". List \$4.50. **Your Cost** ..... \$2.65

Following tubes are required for all models: 2-6K7's, 1-6A8, 1-6Q7, 1-6G5, 1-6V6 and 1-5Y4G. For prices refer to pages 35, 36 and 37.

## Television Kit

At A New Low Price!



Due to the tremendous increase in interest in Television, it now becomes possible to greatly reduce the cost of this highly successful kit. The instructions are easy to understand and the diagrams simple to follow. All parts except tubes and cabinet are included in the kit —there is nothing else to buy. Requires only the use of volt-ohm-meter, an output meter and a service oscillator for complete alignment. It is designed to receive the standard 441 line R.M.A signal and is provided with a switch to tune in both the 44-50 and 50-56 megacycle channels. Space is provided in the switch assembly to add two more coils for any future expansion. **It employs a standard 5" tube.** Perfect focusing at the picture extremities. Shock-proof design. For 110 volt, 50/60 cycles a.c. only. Shpg. wt. 50 lbs.

**K22432**—Complete kit of parts less tubes and cabinet but with detailed diagrams and instructions.  
**Your Cost \$43.36**

**K22403**—Walnut Cabinet ..... \$11.76

Tubes required: 1-1802-P4, 5" Videotron, 1-6J5, 4-1852's, 1-6H6, 1-6F6, 2-6N7, 2-6F8G, 1-1853, 1-6SQ7, 1-6V6, 1-879 and 1-5V4G. For prices see pages 35-37 and 125.

## Wave Traps

### DeLuxe Dual Models

**Dual Universal**—Tunes to both I.F. (400-475 kc.) and broadcast (550-1950 kc.) bands eliminating interference in both channels.  
**K10014**—**Your Cost \$1.55**



**Dual Broadcast**—Similar to above but both sections cover the broadcast band (550 to 1950 kc.). Tuning both sections to the same frequency provides maximum attenuation. Shpg. wt. 1 lb.  
**K9953**—**Your Cost \$1.55**

**Dual Amateur**—Eliminates interference from two amateur bands simultaneously (40 and 80 or 40 and 160 meter bands). Covers 1.5 to 7.5 mc.  
**K10032**—**Your Cost \$1.55**

**Standard Single Channel Models**  
**K9960**—400-700 kc. Low-frequency broadcast.  
**K9961**—650-1000 kc. Med.-freq. broadcast.  
**K9962**—950-1600 kc. High-freq. broadcast.  
**K9963**—20 Meter Amateur Band.  
**K9964**—40 Meter Amateur Band.  
**K9965**—80 Meter Amateur Band.  
**K9966**—160 Meter Amateur Band.  
All above models in crackle finished 1 1/2" square cans. Shpg. wt. 1 lb.  
**Any Type Above Each \$73c**

**Standard 456 kc. I.F. Wave Traps**  
Same as above but for I.F. code elimination only. In shield can.  
**K9967**—**Your Cost Each \$53c**  
**K9969**—Same as above but less shield.  
**Your Cost Each \$38c**

Please refer to page 118 for a complete listing of the new line of Meissner Frequency Modulation Receivers.

# Laboratory Tested Lafayette Kits

## 3-Tube AC Operated Short-Wave Kit

Here is a three-tube a.c. operated short-wave kit that is amazingly sensitive and will supply unusual volume. 4 short-wave coils are furnished with the kit. Front panel attractively finished in professional black crackle. Sturdy cadmium plated metal chassis is completely drilled and punched. Assembly and wiring are made exceptionally simple and the set can be in operation within a few hours after you start. Tubes used: 1-6J7, 1-6V6, 1-80 (rectifier). Kit is furnished complete with all necessary components, wire, hardware, dynamic speaker, and clear instructions. Designed especially for students, beginners and set constructors. For operation on 110 volts, 50/60 cycles a.c.

**K20356**—3-tube short-wave kit, complete, less tubes. Shpg. wt. 10 lbs. **\$8.75**  
**Your Cost**.....  
**K10041**—Set of Broadcast coils for above. **Your Cost**..... **65¢**

## 4-Tube AC Short-Wave Superhet Kit

Here's a real performer! Covers all important short-wave bands. Receives CW signals as well as phone. High gain mixer-oscillator stage and regenerative 2nd detector make this 4-tube receiver as sensitive and powerful as many larger receivers. Attractive black crackle finish drilled panel and cadmium plated drilled chassis. Unusually easy to build. Employs: 1-6A8, 1-6K7, 1-6F6, 1-80. Complete with all parts, dynamic speaker, instructions and necessary coils to cover 15-200 meters. Shpg. wt. 11 lbs.

**K23357**—4-Tube AC Superhet Kit, less tubes and cabinet. **Your Cost**..... **\$13.95**

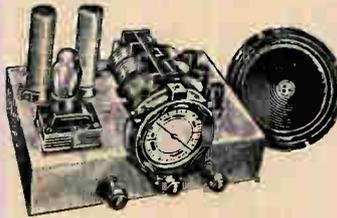
## 4-Tube AC-DC TRF Broadcast Receiver



An excellent performer and capable of operating on both a.c. and d.c. When completed it's a real handy and fine operating receiver. Highly selective; requires only an indoor antenna (supplied) for excellent reception. Extremely simple to build; all parts furnished. Chassis is punched for all necessary holes. Specially matched coils and condensers. Uses 1-39, 1-36, 1-38 and 1-1V (rectifier) tubes. Includes 5" magnetic speaker. Shpg. wt. 5 lbs.

**K23353**—Complete kit of parts, less cabinet and tubes. **Your Cost**..... **\$4.95**  
**K23351**—Modern walnut finished wood cabinet, drilled for above kit. Size: 10x8½x5½" Shpg. wt. 3 lbs. **Your Cost**..... **\$1.98**

## 7-Tube Hi-Fi TRF Kit



A fine 7-tube receiver that will give excellent results. Tunes standard broadcast band. The TRF circuit used is similar to that used in modern high fidelity receivers. Tubes used: 2-6SK7, 1-6SJ7, 1-6SC7, 2-6G6G's and 1-5Y3 (rectifier). Kit is complete in every detail (except for tubes and speaker) and includes all necessary parts, screws, washers, nuts, brackets, lugs, pilot bulbs, hookup wire and solder. All are of fine quality. Any PM dynamic speaker will be used.

**K23359**—7-Tube Hi-Fi TRF kit, less tubes and speaker. Shpg. wt. 16 lbs. **Your Cost**..... **\$9.95**

## 4-Tube Loop-Operated Battery Portable

Gives excellent reception wherever you are! At the beach—in the mountains, or on your boat—plays perfectly without aerial, ground or line current. Power delivered from self-contained batteries. Due to extremely low-drain tubes used battery life is much longer than with ordinary set. Delightfully easy to build from the clearly written instructions and diagrams. Employs 4 new low-drain tubes (use only 250 ma. for four); 1-A7GT, 1-N5GT, 1-H5GT, 1-Q5GT beam power output tube. Requires 1-1.5 V. "A" and 2-45-V. "B" batteries. Uses any type PM dynamic speaker. Matching transformer impedance required is 9000 ohms; the rated impedance of most universal transformers. This kit is the highly popular **"Popular Mechanics"** kit.

**K23362**—4-Tube Loop-Operated Portable Battery Kit. Less speaker, tubes, batteries and cabinet. Shpg. wt. 8 lbs. **Your Cost**..... **\$7.75**

## Accessories For Lafayette Kits

All required accessories for kits listed on this page will be found in this catalog: **BATTERIES** listed on pages 44-45. **HEADPHONES** listed on page 159. **SPEAKERS** listed on page 95. **TUBES** listed on pages 35, 36, 37. **TOOLS** listed on pages 179-182.

## High-Fidelity Amplifier For Phono and P.A. Use

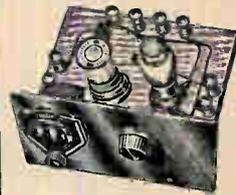
Designed by John T. Wilcox, well-known constructor of quality radio equipment. Will provide 10-12 watts of high fidelity amplification, unexcelled for phono, radio tuners, F.M. units, recorders and P.A. work. With tone control in off-position response is flat within 2 db (plus or minus) from 25 to 15000 c.p.s. on low gain channel. Normal output 10 watts undistorted, 12 watts peak. Kit is complete ready for wiring from foolproof pictorial and schematic diagrams and instructions. Requires: 1-80, 2-6V6G's, 1-6SC7, 1-6SJ7. Extremely simple to construct. Shpg. wt. 20 lbs. Less tubes.



**K20367**—**Your Cost, Complete**..... **\$13.50**

## 1-Tube 5-Band Battery Kit

A baby in size, a giant in performance. Easy to build; works swell on short waves as well as broadcast



band. Supplied with broadcast coils (190-500 meters). Short-wave coil set only a few cents extra. Requires: 1-1½ V. "A" battery and 1-22½ V. "B". 1 type 30 tube used. Supplied in complete kit form including: 7x10" black crackle panel, baseboard and all necessary parts and complete instructions. For headphone operation only. Shpg. wt. 4 lbs.

**K20354**—Complete kit of parts, less tube, batteries and headphones. **Your Cost**..... **\$3.95**  
**K20355**—Set of 4 S-W coils, range 16 to 200 meters. **Your Cost**..... 98¢

## 5-Tube AC-DC Superhet Kit

Build one of these fine 5-tube A.C.-D.C. loop operated superhets. Sensitive, good tone. Tunes broadcast band, 550 to 1600 KC. Uses "beam-power"



50L6GT output and 12A8GT, 12SK7GT, 12SQ7GT, 35Z5GT (as rectifier). Complete kit includes: All tubes, coils, condensers, resistors, punched chassis, 5-inch speaker, controls, antenna, hardware, solder, wire, etc. Pictorial and schematic diagrams.

**K20363**—Complete kit with tubes. Shpg. wt. 6 lbs. **Your Cost**..... **\$8.75**

## 4-Tube TRF AC-DC Kit

A powerful little 4-tube set using the time-tried TRF circuit. "Beam-power" output tube insures high gain, minimum distortion. Tubes: 12SK7GT, 12SJ7GT, 50L6GT, 35Z5GT (rectifier). Kit includes: all coils, condensers, resistors, drilled and punched chassis, speaker, hardware, wire, solder, 25-ft. antenna hank, etc. Chassis 8¾x5¾x4" deep. Complete instructions, diagrams. Shpg. wt. 5 lbs.

**K20365**—Complete, with tubes. **Your Cost**..... **\$6.45**



**Plastic Cabinet**  
 Handsome walnut plastic cabinet designed for 2 kits above. 9½" W. 5½" H., 5½" D. Drilled ready for use. Moderne speaker louvres.

Unbreakable dial bezel. Shpg. wt. 2 lbs. **K20364**—**Your Cost**..... **\$1.25**

## "Popular Mechanics" Blueprints

Clear, easily followed blueprints issued by Popular Mechanics magazine, covering a wide variety of interesting and valuable devices you can easily construct. Full pictorial and schematic diagrams on full size 17x22" blueprints.



No.	Kit	Description
K19774	R278	6-Tube Student Set
K19775	R279	P.M. Portable Vacation Set
K19777	R280	1-Tube Short-Wave Set
K19778	R281	Capacity-Operated V.T. Switch
K19748	R277	Loop Operated Portable*
K19749	R276	1940 Little Giant P.B. Set
K19750	R275	2 Band Flashlight Bat. Set
K19751	R274	Treasure Finder
K19752	R273	4-Tube Broadcast Set
K19754	R272	Portable P.A. System
K19755	R271	1-Tube Beginner's Elec. Set
K19757	R270	"Phantom" Record Player
K19759	R266	Beginner's B'cast Receiver
K19763	R264	Simplified Tube Tester
K19761	R263	Photo-Cell Relay
K19762	R260	Battery Portable
K19763	R259	All-Purpose Power Pack
K19764	R257	Electric Fence Control
K19765	R256	3 Beginner's Receivers
K19766	R253	Hearing Aid for A.C. or D.C.
K19767	R252	One Tube S.W. Set
K19768	R227	Amplifier for R252
K19769	R250	Little Giant "4" 1938 Model
K19770	R249	Inter-Communicator
K19771	R248	5-Meter Transmitter
K19772	R245	2-Tube Portable
K19773	R243	Metal Locator

\* Parts Kit listed at right. **25¢**  
**NOTE:** We can supply all "Popular Mechanics" R number blueprints immediate, upon publication. Our catalogs contain approved parts necessary to construct any of these fine kits.

# COILS and CHOKES for Every Purpose

## TRUTEST Iron Core Ant. and R.F. Coils



The latest HiQ (Iron-core) material adds gain and increases selectivity of r.f. transformers by improving "Q" of windings. The high impedance primary Antenna Coil can be used with any type aerial. Heavy alloy shield cans;  $1\frac{1}{2} \times 1\frac{1}{4} \times 2\frac{1}{2}$ ". Designed to cover broadcast band (540 to 1600 kc.) with a 365 mmf. condenser. For all types of tubes. Spade lug mounting centers  $1\frac{1}{4}$ ".

No.	Type	Imped.	Each
K10276	Ant.	High	<b>84c</b>
K10278	R.F. (Det.)	High	
K10260	R.F. (Inter) Low	Low	

## Litz-Wound AC-DC Coils



175-550 Meters

Matched high-gain coils furnished unshielded for use in r.f. receivers. High impedance primaries with 4-bank Litz-wound secondaries.  $2\frac{1}{4}$ " long,  $\frac{7}{8}$ " diameter. Tunes with .000365 mfd., condenser. Furnished with mounting brackets and diagrams.

K10012	Antenna coil.	<b>27c</b>
K10095	R.F. Coil.	
K10096	Kit of 2	
K10096	Your Cost	<b>53c</b>

## Tube Base Short-Wave Coils



Wound on Bakelite tube bases with 4 prongs. Covers 16 to 225 meters. Tunes with either .00014 or .00015 mfd., condenser.

K9981	Set of 4 coils	<b>49c</b>
	Your Cost, Special	

## Shielded & Unshielded R.F. Chokes



All purpose r.f. chokes, available unmounted or housed in crackle finished metal cans  $1\frac{1}{2}$ " in diam. All types of latest design and universal-wound. Each one is accurately rated and factory tested. Both types mount by means of a single screw and are provided with solder lug terminals. Thoroughly impregnated—will give long, trouble free service.

Unshielded		Shielded		
Stock No.	Each	Milli-hen.	Stock No.	
K10133	18c	2.5	K10240	27c
K10099	18c	5.5	K10241	27c
K10100	24c	8	K10242	33c
K10101	24c	16	K10243	33c
K10134	30c	30	K10244	42c
K10135	38c	60	K10245	47c
K10136	38c	80	K10246	47c

## 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	<b>11c</b>
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## TruTest HIGH GAIN I.F. UNITS

Highly efficient design for use where space is limited. Employs dual tuning trimmer on Ceramic base, adjustable from top of shield can. All leads are RMA color-coded for ease of installation. Size of the aluminum shield can is  $1\frac{3}{8} \times 1\frac{1}{2} \times 3\frac{1}{2}$ "; threaded lug mounting. Diagram furnished. Primary and secondary windings are single pi-wound.



Freq.	Input	Output	Interstage	Each
175 kc.	K10021	K10016	K10015	<b>54c</b>
262 kc.	K10017	K10025	K10018	
456 kc.	K10022	K10034	K10027	

5 For **\$2.55**

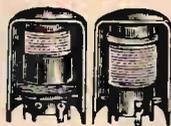
## SERVICEMANS SPECIAL

### 456 Kc. Iron Core I.F. Coils

Here's another Lafayette "can't be beat" special! Now you can buy compact high gain IRON CORE i.f. coils at a price just slightly higher than for ordinary air core coils. Improve your service work. All  $1\frac{1}{4}$ " square,  $2\frac{1}{2}$ " high. Long leads. Aluminum cans. Shpg. wt. 1 lb.



K10045	156 Kc. Input I.F.	<b>74c</b>
K10048	456 Kc. Output I.F.	
	Your Cost, Either Type	
	5 For	<b>\$3.50</b>



## 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  $1\frac{1}{2}$ " diameter,  $2\frac{1}{4}$ " high. Wound for .000365 mfd. condensers. With diagrams. Two 6-32 spade bolts for mounting.

K10077	Antenna Coil	<b>35c</b>
K10085	R.F. Coil	
	Your Cost, Either Type	

### 5-TUBE KIT

K10073—Comprises one antenna and two r.f. coils with instructions and diagrams.

Your Cost	<b>\$1.03</b>
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### 4-TUBE KIT

K10071—Comprises one antenna and one r.f. coil with instructions and diagrams.

Your Cost	<b>69c</b>
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## TruTest Plug-In Coil Kits

Space wound on molded Bakelite forms  $1\frac{1}{4}$ " in diameter and  $2\frac{1}{4}$ " high. Have rims for easy handling. Tune with .00014 mfd. condenser.

4-Prongs—2 Winding		6-Prongs—3 Windings	
K10040	Kit of 4 coils covering 9.5-200 meters. List \$1.65	K10042	Kit of 4 coils covering 9.5-200 meters. <b>\$1.35</b>
Your Cost	<b>85c</b>	Your Cost	<b>\$1.35</b>
K10041	Broadcast coils. Two coils, 100-570 meters. <b>65c</b>	K10043	Broadcast coils. Two coils, 100-570 meters. <b>85c</b>
Your Cost	<b>65c</b>	Your Cost	<b>85c</b>

### PLUG-IN COIL FORMS

Blank Bakelite forms only, for winding coils to your own spec's. K10060—4 prongs K10061—5 prongs K10062—6 prongs

Your Cost Each, Any Above Type	<b>10c</b>
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## Replacement I.F. Coils

### COIL ONLY

Stock No.	Make & Model	Mfrs. No.	Stage I.F.	Your Cost
<b>MAJESTIC</b>				
K8440	15, 15B, 150	4428	Osc.	\$0.30
K8441	15, 15B, 150	4429	2nd	.30
K8451	200	6250	1st	.36
K8453	210	6119	1st	.37
K8454	210	6123	2nd	.37
K8455	210	6127	3rd	.36
K8457	310A, 330	7812	2nd	.39
K8460	400	10149	1st	.35
K2452	400	10253	2nd	.40
K2452	800	11014	2nd	.40
K8463	290, 300, 310, 330, 460, 520, 800	7187	Primary Coil	.36
<b>R.C.A.-VICTOR</b>				
K2503	80, 82, 86	8567	1st	.49
K2504	80, 82, 86	8565	2nd	.49
K2505	80, 82, 86	8566	3rd	.49

\*Complete, less shield can.  
We can supply replacement coils for all standard receivers. Let us know model number, make, where coil is used, band covered, etc., or send defective coil. We will quote lowest price.

## Antenna and R.F. Coil Primary Windings

Designed to replace defective or burned-out antenna and r.f. coil primaries. Will fit over the old coil. All high impedance.



K10116	For $1\frac{1}{4}$ " O.D. coils	<b>15c</b>
K10117	For $1\frac{1}{2}$ " O.D. coils	<b>14c</b>
K10118	For $\frac{3}{4}$ " O.D. coils	
K10119	For $\frac{3}{4}$ " O.D. coils	<b>11c</b>
K10114	For $\frac{1}{2}$ " O.D. coils	

## "Dowel" Type Windings

Similar to above, but fit inside the coil form. Type A for sets with regular antenna; Type B for sets with short "hank" or a.c.-d.c. type antenna; type C for r.f. coils (3500 microhenry type requires a 15 or 20 mmfd. shunt condenser).



Stock No.	Type	Dia.	Len.	Micro-hen.
K9859	A	$\frac{3}{8}$ "	$1\frac{1}{2}$ "	1700
K9860	A	$\frac{3}{8}$ "	$1\frac{1}{2}$ "	1700
K9861	A	$\frac{3}{8}$ "	$1\frac{1}{2}$ "	1700
K9862	B	$\frac{3}{8}$ "	$1\frac{1}{2}$ "	2250
K9863	B	$\frac{3}{8}$ "	$1\frac{1}{2}$ "	2250
K9864	B	$\frac{3}{8}$ "	$1\frac{1}{2}$ "	2250
K9865	C	$\frac{3}{8}$ "	$1\frac{1}{2}$ "	3500
K9866	C	$\frac{3}{8}$ "	$1\frac{1}{2}$ "	7500
K9867	C	$\frac{3}{8}$ "	$1\frac{1}{2}$ "	7500

Your Cost Each, Any Above Type	<b>15c</b>
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## Bakelite Ribbed Plug-In Coil Kit



On ribbed, natural color Bakelite forms. Space windings. Wave-range printed on card on each coil. For .00015 mfd. tuning. Windings comprise tickler and grid input.

4-PRONGS—2 WINDINGS	Set of four 4-prong coils cover 15 to 200 meters. <b>\$1.15</b>
K9982	Your Cost
Two coils to cover broadcasting 185-565 meters. <b>94c</b>	
K9983	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 dia. With rimmed tops.

Stock No.	Prongs	Your Cost
K9988	4	<b>12c</b>
K9989	5	
K9990	6	

## GIANT Coil Forms

Low-loss amber, ribbed for air-spaced winding. Have knurled flange for easy handling, and groove for wave-band index.  $2\frac{1}{4}$ " in diameter,  $3\frac{1}{2}$ " high,  $3\frac{1}{4}$ " winding space; eight ribs.



<b>RIBBED FORMS</b>		
K14385	4 Prongs	<b>38c Each</b>
K14386	5 Prongs	<b>41c Each</b>
K14387	6 Prongs	<b>44c Each</b>

Medium Coil Forms  
As above, but undrilled and  $1\frac{1}{2}$ " diameter,  $2\frac{1}{2}$ " high. Bakelite.

K9630	4-Prong	<b>17c</b>
K9631	5-Prong	
K9632	6-Prong	

## Millen RF Choke

Brass tap insert molded in die cast end, with Steatite standoff at other end. 2.5 mh.; 50 ohms D.C. resistance, 125 ma. capacity.



K058	Your Cost	<b>36c</b>
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# Meissner COILS FOR EVERY REQUIREMENT

## NEW! Compact Ant. and R.F. Coils

Lowest prices ever for Meissner quality! Compact coils designed particularly for use where space is limited. 190-550 meters with 365 mmf. variable condenser. High impedance primary. Litz secondary. Form is  $\frac{5}{8}$ " diam.  $1\frac{1}{2}$ " long. Shielded coils mounted in  $1\frac{1}{2}$ " d. cans 2" high. Shpg. wt. 1 lb. ea.

SHIELDED	
K10005—Ant. Coil	<b>35¢</b>
K10006—R.F. Coil/Each	
UNSHIELDED	
K10003—Ant. Coil	<b>26¢</b>
K10004—R.F. Coil/Each	

## De Luxe Midget Ant. and R.F. Coils

High quality compact coils for Broadcast band coverage with a 365 mmf. condenser. Same overall gain as large coils. 4 bank Litz wire windings, high impedance primaries. Black crackle cans  $1\frac{3}{4}$ " x  $1\frac{1}{2}$ " x 2".

K10046—Ant. Coil	<b>59¢</b>
K10047—R.F. Coil/Each	

## "Universal-Adjustable" Iron Core Antenna, R.F. and Osc. Coils

Will replace broadcast band coils in practically any receiver. Will accurately track with other coils in the receiver when properly adjusted. Exact inductance of burned out coil easily matched with screw driver adjustment of the iron core. Will improve gain and selectivity. Oscillator coil can be adjusted from 175 to 520 kc. and used with either cut plate or padding condenser circuits. Black crackle cans  $1\frac{3}{4}$ " square, by  $2\frac{1}{4}$ " high.

Stock No.	Type	Each
K10120	Antenna	<b>\$1.18</b>
K10121	R.F.	
K10123	Oscillator	

Unshielded Coils			
As above but without shield cans.			
K10007	Antenna	Each	<b>73¢</b>
K10008	R.F.		
K10009	Oscillator		

## OSCILLATOR COILS

For 190 to 550 meter broadcast band. Used with .000365 mfd. condenser; impregnated. Shielded type is  $1\frac{3}{4}$ " high,  $1\frac{1}{2}$ " diam. These coils can be used with any I.F. x'formers, and any r.f. and antenna coils. Padder condensers not supplied.

No.	Freq. Kc.	Padder Mmfd.	No. Unshielded	Your Cost Each
K10029	175	900	K10028	<b>56¢</b>
K10031	456	350	K10030	
Shielded				
List 95c. Your Cost Each <b>44¢</b>				
Unshielded				
List 75c. Your Cost Each <b>44¢</b>				
Padders for above, Each				
K9779	900 mfd.			30c
K9773	350 mfd.			24c

## "Wireless" Phonograph Oscillator Coils

Has knob for frequency adjustment. Instructions and diagram furnished.  $1\frac{3}{8}$ " x  $1\frac{3}{8}$ " x  $3\frac{1}{4}$ ".

K10117—Oscillator Coil for Phonos.	<b>\$1.45</b>
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## Meissner "Plastic" I.F. Transformers



**Stable—Compact—Wide Range**  
A new transformer in which the trimmer base and the coil form (dowel) are moulded in one piece. The use of a special plastic material permits holding dimensions to within .0005". Trimmers "floated" away from the base with an air-gap between the bottom plate and plastic base. Wide range. Compact in size;  $1\frac{1}{4}$ " square by  $2\frac{1}{2}$ " high. Underwriters approved live rubber leads, specially-served Litz wire. Double tuned. Aluminum shield can. Unaffected by temperature, humidity and vibration. Remarkably stable. Excellent for replacements or in new receivers.

Set at KC	Range KC	Input	Interstage	Output
175	140-200*	K10373	K10374*	K10375
262	240-310	K10376	K10377	K10378
370	305-480	K10379	K10380	K10381
456	400-550	K10382	K10383	K10384

\*Note: Range in KC of K10374 is 148-250. List \$1.00

**YOUR COST EACH, Any Type **59¢****

## Ferrocart (Iron Core) I.F. Transformers

For Servicemen who want to "pop up" old radio sets and give them more gain and selectivity than they had when new—also for experimenters who want high-gain I.F. systems with exceptionally good selectivity—Meissner Ferrocart (Iron Core) I.F.'s are just the thing. Double tuned with low-loss trimmers. Accurately made of the best materials and oscilloscope-tested for gain and selectivity. Mounted in  $1\frac{3}{4}$ " square by  $3\frac{1}{4}$ " high black crackle-finished cans. Leads are RMA-color-coded. Servicemen try installing a set of them in your next job and see how pleased your customer will be with the improved performance of his old radio.



Set at KC	Range KC	Input	Interstage	Output
175	127-206*	K9690	K9697*	K9688
456	360-600	K9689	K9698	K9687
1500	1050 to 2000	K9753	K9753	

\*Note: Range in KC of K9697 is 144-320. List Price \$2.00.

**YOUR COST EACH, Any Type **\$1.18****

## NEW! "Cart-Wheel" I.F. Replacement

Same size and style of I.F. transformer as used in most of the \$9.95 midgets on the market such as RCA, Belmont, Emerson, etc. Trimmer base and supporting dowel made of molded plastic. Accurately wound coils. May be used as input or as output transformer. Designed for 456 kc. operation. Can be used as replacement or in new receiver construction. For under chassis mounting. Size:  $1\frac{1}{4}$ " x  $1\frac{1}{4}$ " x  $1\frac{1}{2}$ " high overall.



**K10385—Your Cost Each **59¢****

## Ferrocart (Iron Core) Band Expanding I.F. Transformers

Razor sharp to "high fidelity" selectivity at will for C.W. or broadcast reception. Two units provide almost "single signal" selectivity in the "sharp" position. Simple 2 or 3 position switch provides change-over in band width. Black crackle metal can  $1\frac{3}{4}$ " x  $1\frac{3}{4}$ " x  $3\frac{1}{2}$ ". Double tuned with mica trimmers. K10184—2 position—"Sharp" or "High Fidelity". Range 340-640 kc. List Price \$3.00.

**Your Cost Each **\$1.76****

K10185 3 position—"Sharp" "Medium" & "Hi-Fidelity". Range 340-640 kc. List Price \$3.50.

**Your Cost Each **\$2.06****



any 410 mfd. variable condenser. K9992—5 Band Assembly—42 mc. to 132 kc. (7.1 to 2270 meters). List \$23.50. **Your Cost **\$13.82****

## De Luxe Air-Tuned Iron Core I.F. X'formers

High gain Ferrocart (iron core) I.F. transformers tuned with the famous "Align-Aire" air-tuned trimmers. Excellent for communications and other receivers where absolute stability is essential. Stable under any condition of temperature or humidity change. Dust proof cover. Non-microphonic. Air trimmers permit 3600 degrees of micrometer smooth tuning. Double tuned. Black crackle finished cans  $2x2x\frac{3}{4}$ ".



Stock No.	Set at KC	Type	Freq. Range
K10264	456	Input	415
K10265	456	Interstage	415
K10266	456	Output	540
K10267	456	Output CT	540
K10153	1500	Input— or Interstage	1325 to 1750
K10155	1500	Output	1750

List \$5.00. **Your Cost Each **\$2.94****

## "Permeability Tuned" I.F.'s

Drift-proof transformers similar to the above but permeability tuned with adjustable iron cores.  $1\frac{1}{2}$ " x  $1\frac{1}{2}$ " x  $3\frac{1}{2}$ ".

K10386—456 kc.\* Input  
K10387—456 kc.\* Interstage  
K10388—456 kc.\* Output  
\*Range 440-500 kc. **Any Above Each **\$1.76****

## De Luxe Multi-Wave 5-Band Coil Assembly

For use in building all-wave receivers. Contains all coils, range switch, shunt trimmers, series padders, A.V.C. by-pass condensers and necessary shielding. Provides for high gain R.F. stage. Align-Aire (air) trimmers on all bands. Tunes with

## Dual Band Coils

Exceptionally efficient two-band coils for Broadcast and Short-Wave reception. Both bands wound on same bakelite form. Two mica-dielectric trimmers mounted in cans of shielded coils. For use with 365 mmf. condenser and 456 kc. i.f. channel. Can size:  $1\frac{3}{4}$ " x  $1\frac{3}{4}$ " x  $3\frac{1}{2}$ ". Cover 15.8-51.7 and 181-565 meters.

Stock No.	Type	Unshielded
K10253	Ant.	K10256
K10254	R.F.	K10257
K10255	Osc.	K10258

Shielded, List \$2.70  
**Your Cost Each **\$1.59****  
Unshielded, List \$1.85  
**Your Cost Each **\$1.09****

K10231—Padding Condenser Kit for above. **73c**  
K10232—3-gang 2-position Rotary Switch for above. **88c**

## Three-Band Coils

Similar in design and construction to Dual Band Coils above, but cover three bands. All types are in shield cans  $1\frac{3}{4}$ " x  $1\frac{3}{4}$ " x 4" and are designed for use with 456 kc. i.f.s.

## B'Cast-Police and S.W.

Covers 16.2 to 555 meters with any 450 mmf. condenser.

No.	Type	Each
K10338	Ant. Coil	<b>\$2.06</b>
K10339	R.F. Coil	
K10340	Oscillator	
K10341	Pad. Cond. Kit	73c
K10389	3-gang 450 mmfd. Variable Condenser for above	\$2.26
K10390	3-gang, 3-position Rotary Switch for above	\$1.18

## Align-Aire Trimmers

Air-dielectric coaxial cylinder type with metal case  $\frac{3}{8}$ " dia. x  $1\frac{1}{2}$ " long. 3600 degrees of micrometer smooth tuning. Not affected by moisture; dust-proof. Ceramic insulation. Capacity adjusted by slotted screw head.



Stock No.	Cap. Range	Your Cost Each
K9741	5-25 mmfd.	53c
K9742	25-50 mmfd.	59c
K9743	40-100 mmfd.	73c

## Midget Align-Aire

Similar to above but has Bakelite body  $\frac{1}{4}$ " dia. x  $1\frac{1}{2}$ " long. Range 1-12 mfd. Has mounting bracket. K9740. **Your Cost **21¢****

## High "Q" Coil Dope and Cement

High "Q" Cement. Ideal for R.F. coils, etc. Maintains "Q". Sticks fast. In 2 oz. can. **K15365—Your Cost **29¢****

Thinner #2. High quality solvent, for "High Q" cement only. 2 oz. can. **K15369—Each **18¢****

Radio Cement. For use where great tensile strength must be maintained. 2 oz. can. **K15366—Your Cost **24¢****

Collodion. Quick drying. For ordinary coils, speakers, cones, etc. 2 oz. can. **K15367—Your Cost **18¢****

Thinner #1. Universal solvent for lacquers, cement, collodion, etc. 2 oz. can. **K15368—Your Cost **29¢****

Thinner #1. Universal solvent for lacquers, cement, collodion, etc. 2 oz. can. **K15368—Your Cost **29¢****

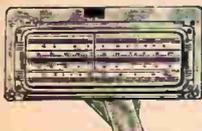
We can supply any Meissner product not listed at usual discounts. Give Meissner number when ordering.

# DIALS and BELTS



**Kurz-Kasch Bakelite Vernier Dials**  
 Molded black bakelite. Require only one small hole for condenser shaft and two or three small holes to secure to panel. Dial ratio 8 to 1. No back lash. Fits 1/4" shafts.  
**K9806**—3"—0-100-0 ..... **38¢**  
**K9803**—4"—200-0\* ..... **45¢**  
**K9805**—4"—100-0-100 ..... **45¢**  
 \*For counter-clockwise condensers.

## 2-Band 6 3/4" Dial



Calibrated from 550 to 1500 and 1600 to 550 kc (also 0-100 and 100-0) for clockwise or counter-clockwise condensers. Cable driven. Ratio 6 to 1. Knob shaft 1 1/4 x 1/4". Hub takes 1/4" and 3/8" condenser shafts. Bronze finished escutcheon with pyralin window. Panel opening required: 5 1/2 x 2 1/4". With pilot light socket.  
**K9901**—Your Cost ..... **\$2.06**

## FADA Drums & Brackets



Exactly duplicate the original components.  
**Tuning Bracket Casting.**  
**K6154**—No. 858MP ..... **88¢**  
**K6155**—No. 872MP ..... **88¢**  
**Dial Scale and Drum**  
**K6160**—No. 871MP ..... **\$1.26**  
**Friction Drive Shaft**  
**K6152**—No. 1724X ..... **59¢**  
**Tuning Drum**  
**K6153**—No. 1716X ..... **82¢**

## Linen Dial Cable

Both weights are of black wove linen exactly as used in most receivers. High tensile strength.

### Light Cable

(approx. 1/16" diam.)  
**K9942** 5 ft. ..... **18¢**  
**K9943** 25 ft. ..... **65¢**  
**K9944** 100 ft. ..... **\$2.15**

### Heavy Cable

(approx. 1/8" diam.)  
**K9939** 5 ft. ..... **19¢**  
**K9940** 25 ft. ..... **78¢**  
**K9941** 50 ft. ..... **\$1.45**  
**K9822** 100 ft. ..... **2.45**

## Phosphor Bronze Dial Cable



Maximum strength. 16 strand type closely braided. 42 strand type consists of seven, 6 strand cables wound over linen core.

No.	Strands	Feet	Each
<b>K9933</b>	42	5	\$0.19
<b>K9934</b>	42	25	.70
<b>K9935</b>	42	50	1.25
<b>K9872</b>	42	100	2.25
<b>K9936</b>	16	5	.06
<b>K9937</b>	16	25	.22
<b>K9938</b>	16	50	.36
<b>K9881</b>	16	100	.54

## Non-Slip Compound

Cures slipping dial cables. Generous size carton.  
**K9897**—Each ..... **18¢**

## Modern Slide-Rule Dials

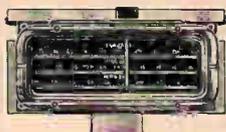


**Type A.** Requires panel opening 1 1/2 x 5 1/4". Ratio 7-1 over 180°.  
**K9811**—For Clockwise Condenser.  
**K9812**—For Counter-clock Cond.  
**Your Cost, Either Type** ..... **\$1.41**



**Type B.** Requires opening 1 1/2 x 3 3/4". Mtg. holes in front plate.  
**K9816**—For Clockwise Condenser.  
**K9817**—For Counter-clock Cond.  
**Your Cost, Either Type** ..... **95¢**

## 6 1/2" Slide Rule Dial



Beautiful Pyralin scale calibrated from 550 to 1700 kc., 5.5 to 18 mc. and 100 to 0 degrees. Panel opening 5 3/4 x 2". Ratio 9 to 1. Hub takes 1/4" or 3/8" shafts. 1/4" diam. knob shaft. With bronze escutcheon and crystal. 2 pilot light sockets. Shpg. wt. 3 lbs.  
**K9807**—For clockwise condensers.  
**K9808**—For counter-clockwise condensers.  
**Either Type Each** ..... **\$2.59**

## Giant 11" Dial



Panel opening: 9 3/4 x 2 1/4". Scale: 550 to 1700 kc., 5.5 to 18 mc. and 1.6 to 5.0 mc. Hub takes 1/4" or 3/8" shafts. 1/4" knob shaft. Ratio 9 to 1. With bronze escutcheon and crystal. 2 pilot light sockets. A beautiful and readable dial. Shpg. wt. 4 lbs.  
**K9809**—For clockwise condensers.  
**K9810**—For counter-clockwise condensers.  
**Either Type Each** ..... **\$3.76**

## 3 5/16" Airplane Dial



Has 2 1/2" dia. scale guaranteed from 550 to 1600 kc. and 0 to 100 degrees. Ratio 5:1 in 360°. Takes 1/4" or 3/8" shafts; knob shaft 1/2". With 3 1/8 x 1/8" bronze escutcheon, glass bezel and two pilot light sockets. Wt. 2 lbs.  
**K9912**—For Clockwise Cond.  
**K9911**—For Counter-clockwise Condensers.  
**Either Type, Your Cost Each** ..... **63¢**

## "GIANT" 6" Dial



Has 5 1/4" scale. Three bands: 520-1600 kc.; 1500-4600 kc.; 5.8-15.8 mc. Mc. scale also in meters and word description. Ratio 5 1/2 to 1 in 360°. Has two pilot sockets. Takes 1/4" or 3/8" shafts.  
**K9906**—For Clockwise Cond.  
**K9907**—For Counter-clockwise Condensers.  
**Either Type, Each** ..... **\$1.39**

## 4 1/2" Edge Lighted Oval Dial



Black glass dial with translucent calibration from 0-100 on outer and 100-0 on inner scale. Friction drive. 2 pilot light sockets and bronze oval escutcheon plate. Hub takes oval shafts. 1/4" knob shaft. Universal scale 5 1/4 x 1 1/4" for both c.w. and c.c.w. condensers. Wt. 2 lbs. List \$2.25.  
**K9883**—Your Cost ..... **\$1.32**

## 4 1/2" Slide Rule Dial



Calibrated from 550 to 1500 and 1600 to 550 kc. for c.w. and c.c.w. condensers. Knob shaft is 1 1/4 x 1/4". Hub takes both 1/4" and 3/8" condensers. Bronze escutcheon plate with pyralin window and 2 pilot light sockets included. Requires 1 1/2 x 3 1/2" panel opening. Wt. 2 lbs.  
**K9900**—Your Cost ..... **\$1.62**

## Molded Dials



Bakelite dials. All have 1/4" split bushing except rheostat dial which has 1/8" insert with set screw. Black glossy finish. White engraved calibrations.  
**3" Dials**  
**K9820**—100-0 ..... **23¢**  
**K9821**—0-100 ..... **23¢**  
**Either Type Each** ..... **23¢**  
**4" Dials**  
**K9824**—100-0 ..... **26¢**  
**K9825**—0-100 ..... **26¢**  
**Either Type Each** ..... **26¢**  
**K9827**—Rheostat dial as above but 2" diam. 1/2" deep hole. Calibrated 100-0.  
**Each** ..... **15¢**

## Exact Duplicate Drive Cables

We can supply any cable, band or belt on order at lowest prices.  
**K9822**—Atwater Kent 85, 37 ..... **15¢**  
**K9823**—Atwater Kent 42, 44, 24c ..... **24¢**  
**K9920**—Atwater Kent 40, 46 ..... **15¢**  
**K9826**—Bosch 48A ..... **15¢**  
**K9828**—Bosch 58, 60 ..... **15¢**  
**K9921**—Brunswick 15, 22 front 24c ..... **24¢**  
**K9922**—Brunswick 15, 22 rear 24c ..... **24¢**  
**K9833**—Colonial 31, 32 ..... **21¢**  
**K9844**—Kolster 6J ..... **24¢**  
**K9847**—Majestic 70, 71, 72, 12c ..... **12c**  
**K9848**—Majestic 70, 71, 72, 9c ..... **9c**  
**K9925**—Majestic 52, 60 ..... **15¢**  
**K9927**—Phileo 71 ..... **13c**  
**K9828**—Phileo 91 ..... **13c**  
**K9852**—RCA 44, 46, 47 ..... **18c**  
**K9853**—RCA 16, 17, 18, 33 ..... **15c**  
 † 42 strand. † 18 strand.

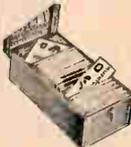
**FREE! 80-Page Book list- ing replacement belts and ballasts for over 1100 receivers—FREE with orders for 25 or more belts listed above or at left.**



## Drive Rubbers

Eight different types of friction drive rubbers for popular receivers including: Atwater Kent, RCA, Stewart Warner, etc. Kit of 24 pieces.  
**K9400**—Per Kit ..... **84¢**

## JFD Woven Fabric Dial Belt Kit



Assortment of 25 fabric belts which will replace those used on a great number of dials of popular radios. The assortment is housed in a handy enameled steel case and is furnished with a measuring chart. **FREE** 80 page book on replacement belts and ballasts included!  
**K9832**—Shpg. wt. 2 lbs.  
**Your Cost, Per Kit** ..... **\$3.67**

## JFD Woven Fabric Belts

Belts also available separately as listed below. **IMPORTANT! Order by Stock No. Give Belt No.**

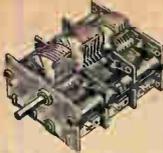
Belt Size	For	Belt Size	For	Belt Size	For
1 6 13/16"	Zenith	22 10 11/16"	RCA	49 15 11 1/2"	Zenith
2 7"	Zenith	23 10 7/8"	RCA	50 16 3/8"	RCA
3 7 7/16"	Emerson	24 10 1/2"	Airline	51 16 1/2"	Airline
4 8 1/2"	Emerson	27 10 3/4"	Airline	56 7 1/2"	Emerson
4 8 3/4"	Belmont	28 10 1/2"	Zenith	59 8 3/8"	Emerson
6 7 1/2"	RCA	30 11 1/8"	Fada	60 8 1/2"	Zenith
7 7 1/2"	Belmont	30 11 1/8"	Grunow	61 7 3/8"	Emerson
10 8 1/4"	Fada	33 11 1/8"	RCA	62 8 1/2"	Emerson
11 8 3/8"	Emerson	34 11 1/8"	Sparton	63 9 1/4"	Airline
12 8 3/8"	RCA	36 11 3/8"	Crosley	64 10 1/8"	Airline
13 8 1/2"	RCA	37 11 3/8"	Fada	65 11 3/8"	Airline
14 8 1/2"	Airline	38 12 1/8"	Zenith	67 12 1/8"	Admiral
14 8 5/8"	Fada	39 12 3/8"	Admiral	68 17 5/8"	Admiral
15 9 1/2"	Silvertone	41 12 3/8"	Fada	72 8 1/2"	Emerson
16 9 5/8"	RCA	42 12 1/2"	RCA	76 9 1/8"	Zenith
17 9 5/8"	Zenith	43 12 1/2"	RCA	77 13 1/8"	Zenith
17 9 11/16"	Airline	45 12 3/8"	Silvertone	79 11 3/8"	Zenith
18 10 1/2"	Zenith	46 13 1/8"	Zenith	80 9 3/8"	Zenith
19 10 1/2"	Emerson	47 14 1/8"	Sparton	84 9"	Zenith
20 10 7/8"	Garod	48 15 1/2"	RCA	87 16 3/8"	Admiral
20 10 7/8"	Garod		Arvin		

**K9909** (Specify Belt No.) **Your Cost Each** ..... **15¢**

# VARIABLE CONDENSERS and Accessories

## Trustest Gang Condensers

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. Shafts  $\frac{1}{4}$ " dia.,  $1\frac{1}{4}$ " long. Each with split bushing for  $\frac{3}{8}$ " dials. All  $1\frac{1}{2}$ " high,  $3\frac{1}{2}$ " wide. Shpg. wt. 2 lbs.



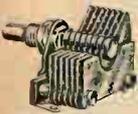
### COUNTER-CLOCKWISE      CLOCKWISE

.000365 Mfd. for T. R. F. Circuits

No.	Gangs	Lgth.	Each	No.	Gangs	Lgth.	Each
K9710	1	$1\frac{1}{8}$ "	50.72	K9720	1	$1\frac{1}{8}$ "	50.72
K9711	2	$2\frac{1}{8}$ "	.89	K9721	2	$2\frac{1}{8}$ "	.89
K9712	3	$3\frac{1}{8}$ "	1.29	K9722	3	$3\frac{1}{8}$ "	1.29

### .000365 Mfd. for 456 Kc. Superhets

K9798	2	$2\frac{1}{2}$ "	.89	K9796	2	$2\frac{1}{2}$ "	.89
K9799	3	$3\frac{1}{8}$ "	1.29	K9797	3	$3\frac{1}{8}$ "	1.29



## Trustest Midget Condensers

For short-wave receivers and transmitters. Compact, rugged and highly efficient. All types listed employ non-corrosive aluminum plates, wiping phosphor-bronze rotor contact, **Ceramic Insulation**, sturdy lug terminals for heavy wiring, single-hole mounting features, etc. Shaft is of brass and  $\frac{1}{4}$ " in dia., plated to resist corrosion. With mounting nut. Wt. 1 lb.

### Single Spaced Units

Stock No.	Cap. Min.—Max.	Mmfd.	No. Plates	Your Cost
K9724	3-15	3	3	33c
K9728	3.5-25	4	4	36c
K9729	4-50	7	7	45c
K9731	6-80	11	11	49c
K9727	6-100	14	14	46c

### Single Spaced Units

Stock No.	Cap. Min.—Max.	Mmfd.	No. Plates	Your Cost
K9714	7-140	19	19	55c
<b>Double Spaced Units</b>				
K9706	6.5-35	10	10	49c
K9707*	5-50	16	16	59c

\*Bakelite Insulation.

## Trustest Midget Single Gang Condensers

With all the features and characteristics of larger units. Ideal for limited space apparatus; such as transmitters, receivers, test instruments, short-wave equipment, etc. Aluminum rotor and stator plates, firmly staked in position. Low-loss bakelite insulation. Improved ball bearing. Counter-clockwise rotation for all types.  $\frac{1}{4}$ " shafts. Overall dim.:  $1\frac{1}{4} \times 1\frac{1}{4} \times 1\frac{1}{2}$ " deep. Less trimmers. Shpg. wt. 1 lb.



Stock No.	Capacity	Each	Stock No.	Capacity	Each
K10189*	15 mmf.	49c	K10194	100 mmf.	52c
K10190*	25 mmf.		K10195	150 mmf.	
K10191*	35 mmf.		K10196	250 mmf.	
K10192*	50 mmf.	50c	K10197	365 mmf.	54c
K10193*	75 mmf.		K10198	410 mmf.	
			K10199	450 mmf.	

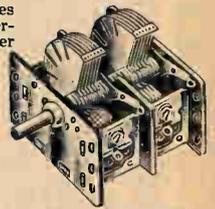


## TRUSTEST 2 Gang Compacts

Compact 2 gang condensers normally used in midgets. With trimmers.  $2\frac{1}{2} \times 1\frac{1}{4} \times 1\frac{1}{8}$ ". Counter clockwise.  
K9738—.000365 TRF. K9739—.000365 Superhet.  
**Your Cost Either Type . . . . . 59c**

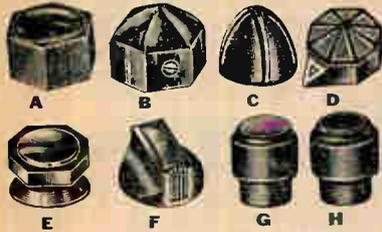
## Trustest SHORT-WAVE CONDENSERS

Low shield type. Have heavy aluminum plates and ball bearing rotors. All units have counter-clockwise rotation. Shafts are  $\frac{1}{4}$ " in diameter and extend  $1\frac{1}{4}$ ". Size: 1-gang— $3\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ "; 2-gang— $3\frac{1}{2} \times 1\frac{1}{2} \times 2\frac{1}{2}$ "; 3-gang— $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$ ". Supplied with trimmers. Shpg. wt. each 2 lbs.



Stock No.	Cap. Mfd.	No. Gangs	Your Cost Each
K9718	.0001	2	85c
K9719	.00015	3	
K9766	.00014	3	

## Brown Bakelite Knobs



Fit  $\frac{1}{4}$ " shafts. \*Push button knobs.

Type	Stock No.	Dia.	Each	10 For
A	K9692	$\frac{3}{8}$ "	5c	40c
B	K9691	$\frac{1}{2}$ "		
C	K9736	$\frac{3}{4}$ "		
D	K9737	$\frac{1}{2}$ "	6c	45c
E	K9660	$\frac{3}{8}$ "		
E	K9657	$\frac{1}{2}$ "		
F	K9658	$\frac{3}{8}$ "	7c	65c
F	K9655	$\frac{1}{2}$ "		
G*	K9661	$\frac{3}{8}$ "		
H*	K9696	$\frac{3}{8}$ "	3c	25c

## Ceramic Trimmers and Padders



Molded low-loss ceramic bases. Adjustment screw permits fine setting. Sizes from 25-100 to 225-650 mmfd. are  $\frac{1}{8} \times 1\frac{1}{8}$ "; others  $1 \times 1\frac{1}{8}$ ".

No.	Mmfd.	Each	No.	Mmfd.	Each
K10173	25-100	14c	K10179	325-1000	29c
K10174	75-225	16c	K10180	400-1200	31c
K10175	125-350	19c	K10181	500-1400	34c
K10176	175-500	20c	K10182	600-1600	37c
K10177	225-650	23c	K10183	700-1800	39c
K10178	275-825	27c			

DUAL SECTIONS $1\frac{1}{2}$ " Square				
K10186	20-90†	14c	K10188	100-300† 19c
K10187	50-180†	16c	†Cap. Per Section.	

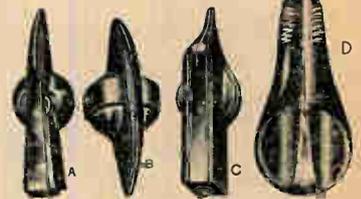
## Midget Trimmers

Compact trimmers for all purposes. Each is 3-30 mmfd.

No.	Insulation	Each	10 For
K9775	Bakelite	6c	50c
K9776	Ceramic	8c	75c
K9777	Bakelite*	12c	\$1.10

\*—Dual unit, each section 3-30 mmfd.

## Pointer and Lever Knobs



All highly polished bakelite knobs. All except type "D" have filled pointers; "D" has ridged top which serves as indicator. For  $\frac{1}{4}$ " shafts.

No.	Lgth.	Ht.	Type	Each	10 For
K13027	$2\frac{1}{2}$ "	$\frac{5}{8}$ "	(A) Black	7c	59c
K13028	$1\frac{1}{2}$ "	$\frac{5}{8}$ "	(A) Black	5c	40c
K13029	$2\frac{1}{2}$ "	$\frac{5}{8}$ "	(B) Black	9c	85c
K13055	$2\frac{1}{2}$ "	$\frac{5}{8}$ "	(C) Black	6c	50c
K13052	$2\frac{1}{2}$ "	$\frac{5}{8}$ "	(C) Red	8c	75c
K13053	$1\frac{1}{2}$ "	$\frac{5}{8}$ "	(C) Black	4c	35c
K13024	$1\frac{1}{2}$ "	$\frac{5}{8}$ "	(C) Red	7c	65c
K9650	$1\frac{1}{2}$ "	$\frac{5}{8}$ "	(D) Black	7c	65c
K9651	$2\frac{1}{2}$ "	$\frac{5}{8}$ "	(D) Black	8c	75c



## Howard Inertia Knob

Can be placed on the main tuning or band spread shaft of any receiver to provide true "Flywheel" tuning. Simplifies and makes for smoother tuning—gives that roller bearing touch. 2" diameter black knob, fits  $\frac{1}{4}$ " shaft. Shpg. wt. 2 lbs.

K13002—Your Cost . . . . . **53c**

## Millen Shaft Couplers

Permit angle drive as high as 45°. "A" is of standard flexible design; "B" is double flexible. Isolantite insulation. List 60c.



K8038—(A)  
K8039—(B)  
Your Cost Each . . . . . **36c**

## Dial Drive Spring Assortment



Six different size hard-to-get dial drive tension springs. Kit of 25 springs. Shpg. wt. 1 lb.  
K9892—  
Your Cost . . . . . **59c**

## Shaft Couplings and Bushings



For coupling controls, condensers, etc.

Size Inches	Fig. No.	Purpose	Insul.	Stock No.
$\frac{1}{4} \times \frac{1}{4}$ "	A	Coupling	K15014	K15000
$\frac{3}{8} \times \frac{3}{8}$ "	A	Coupling	K15006	K15001
$\frac{1}{2} \times \frac{1}{2}$ "	A	Coupling	K15008	K15002
$\frac{3}{4} \times \frac{3}{4}$ "	B	Extender	K15017	K15004
$1 \times 1$ "	B	Extender	K15018	K15005
$1\frac{1}{2} \times 1\frac{1}{2}$ "	B	Extender	K15009	K15003

10 For . . . . . 85c  
Your Cost Each, Any Type . . . . . **9c**

**SPLIT BUSHING**

Fig. C. For increasing shaft diam. from  $\frac{1}{4}$ " to  $\frac{3}{8}$ " Brass,  $\frac{1}{4}$ " long.  
K9730—Your Cost Each . . . . . **5c**  
10 For . . . . . 35c

## BRASS AND FIBRE SHAFTINGS

Fine for extensions.  $\frac{1}{4}$ " diameter.

Each	Each
K15010—6" Brass <b>9c</b>	K15012—12" Brass <b>18c</b>
K15011—6" Fibre <b>9c</b>	K15013—12" Fibre <b>18c</b>

## FLEXIBLE $\frac{1}{4}$ " SHAFT COUPLER

For use in coupling two  $\frac{1}{4}$ " shafts or for extending a shaft at an offset angle. Insulated.



K9751—Bakelite  
Your Cost Each . . . . . **21c**  
K9750—Ceramic. Each . . . . . 29c

## Panel Bearing Assembly

For use with rigid or flexible couplings when mtg. volume controls, condensers, etc., back from panel. For up to  $\frac{3}{8}$ " panels.

K9563—3" long. $\frac{1}{4}$ " Shaft.	Each . . . . . 18c
K9562—6" long. $\frac{1}{4}$ " Shaft.	Each . . . . . 24c
K9564—Bearing only.	Each . . . . . 5c

## Dial Drive For RCA Sets

Duplicate replacement RCA Part No. 2999. Used in Models R-7A, R-9, R-43, R-10, R-11, R-8, RE-18, RE-26, RE-16A, R-4 and R-6. Comes complete with friction rubber, screws and lock-washers.



K9744—Each . . . . . **21c**

# ★ YAXLEY RADIO PRODUCTS ★

APPROVED RADIO PRODUCTS

## YAXLEY Midget Jacks

Extremely compact. Mount in  $\frac{3}{8}$ " hole. Type A-1 "Infantry" jack is not illustrated.



No.	Part	Type	Each
K6182	A-1	Open Circuit	15c
K6183	A-2	Circuit Closing	21c
K6184	A-2A	Two Circuit	24c
K6185	A-3A	Cir. Reversing	35c

## YAXLEY Junior Jacks



Compact, extend only  $1\frac{1}{2}$ " behind the panel. Heavily plated springs.

No.	701—Open Circuit.	702—Your Cost	702. Circuit closing.	702A. Two circuit.	702B. Three circuit microphone.
K6450	23c				
K6451					
K6449					
K6435					
K6452					
K6453					
K6459					

Your Cost, Any Type... **32c**  
K6452—No. 703. Single circuit filament control.  
K6459—No. 703A. Circuit reversing.

K6466—No. 703B. 3-circuit Mike, one circuit closing.  
Your Cost, Any Type... **38c**

K6453—No. 704. Interstage.  
K6478—No. 704A. 2-circuit filament control.  
Your Cost, Any Type... **44c**

K6479—No. 705. 2-circuit filament lighting... **50c**  
K6448—No. 706. Interstage filament control.  
Your Cost... **56c**

## Long Frame Jacks



Extend  $3\frac{1}{2}$ " behind panel. Pure silver contacts. Bakelite separators.

No.	1. Open Circuit.	2A. Two Circuit.
K6400	29c	
K6401		
K6402		

Either Type, Your Cost Each... **35c**

## YAXLEY Junior Jack Switches



Furnished with black knob; on-off plate. Mounts in  $\frac{1}{8}$ " hole.

up to  $\frac{1}{4}$ " thick.  $1\frac{1}{4}$ " deep.

No.	Part	Type	Each
K6470	720	S.P.S.T.	.50
K6471	730	S.P.D.T.	.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

No.	Part	Type	Each
K6440	732	S.P.D.T.	.50
K6441	762	D.P.D.T.	.70
K6442	763	3-P.D.T.	.91
K6443	764	4-P.D.T.	1.15

## YAXLEY Push Button Switches



Non-locking Types  
Furnished with black Bakelite knob. Mounts in  $\frac{1}{4}$ " hole, panels up to  $\frac{1}{4}$ ".

No.	Part	Type	Each
K6460	No. 2001.	Make Contact.	
K6461	No. 2002.	Break Contact.	
K6462	No. 2003.	S.P.D.T.	53c
K6457	No. 2004.	2-pole, 2-contact.	70c

## YAXLEY Gang Switches

Contact members are heavily silver plated, and given a smooth hard finish. Contact shoe, of the self-cleaning type is of silver alloy. All switches are provided with one permanent stop and one adjustable stop. Bushings  $\frac{3}{8}$ " and extend  $\frac{3}{8}$ ". Pointer type, Bakelite knob supplied.



### SINGLE GANG SWITCHES

Shorting Stock No.	Non Shorting Stock No.	Total No. Circuits	Points	Your Cost Each
K6247	K6263	1 Circuit	1 to 6 points	\$0.59
K6248	K6264	1 Circuit	1 to 11 points	.68
K6249	K6265	2 Circuit	1 to 5 points each	.73
K6250	K6266	3 Circuit	1 to 3 points each	.79
K6251	K6267	4 Circuit	1 to 2 points each	.85

### TWO GANG SWITCHES

K6252	K6268	2 Circuit	1 to 6 points each	.94
K6253	K6269	2 Circuit	1 to 11 points each	1.03
K6254	K6270	4 Circuit	1 to 5 points each	1.18
K6255	K6271	6 Circuit	1 to 3 points each	1.23
K6256	K6272	8 Circuit	1 to 2 points each	1.32

### THREE GANG SWITCHES

K6257	K6273	3 Circuit	1 to 6 points each	1.29
K6258	K6274	3 Circuit	1 to 11 points each	1.38
K6259	K6275	6 Circuit	1 to 5 points each	1.47

### FOUR GANG SWITCHES

K6260	K6276	4 Circuit	1 to 6 points each	1.62
K6261	K6277	4 Circuit	1 to 11 points each	1.76
K6262	K6278	8 Circuit	1 to 5 points each	2.06

### SIX GANG SWITCHES

K6281	K6283	6 Circuit	1 to 11 points each	2.59
K6286	K6287	12 Circuit	1 to 6 points each	3.29



## YAXLEY Ceramic "Hamband" Switches

No.	Gangs	Circuits	Each
K6642	1	1	\$1.00
K6643	2	2	1.59
K6644	3	3	2.29
K6645	4	4	2.88
K6646	5	5	3.59

Low loss ceramic insulation, wide contact spacing, improved heavy silver plated contacts. For transmitters with power up to 100 watts. 4 contacts per circ. With knob. Special dial plate for above. Numbered from 1 to 4. Your Cost Each... **9c**

## Special Switches



No. 1400L—12 positions; opens one line at a time while maintaining circuit through others.  $1\frac{1}{2} \times 2\frac{1}{2}$ " wide.  $\frac{3}{8}$ " bushing. 2" notched shaft. With knob and dial plate. List \$4.50. K6370—Your Cost... **\$2.65**

## Multiple Tap Switches



No. 150J: 15 point switch, shorting type. Mounts in  $\frac{3}{8}$ " hole. K6372—Your Cost Each **88c**  
No. 13124L: 24 point switch, non-shorting type. K6371—Your Cost... **\$1.55**

## BIAS CELLS

1 and  $1\frac{1}{2}$  volt types. For biasing high-gain amplifiers. K6419—1 volt. K6424— $1\frac{1}{2}$  volt. Your Cost Each... **18c**

Holders Only for Above	Your Cost Each
K6420—For 1 Cell.	.6c
K6421—For 2 Cells.	12c
K6422—For 3 Cells.	15c
K6423—For 4 Cells.	21c

## Midget Jack Switches

Same general construction as Junior types. Mount in  $\frac{1}{8}$ " hole. Include black knob and pointer. K6446—No. 10. S.P.S.T. Your Cost **29c**  
No. 11—S.P.D.T. K6447—Your Cost... **38c**

## "3100" Series Single-Gang Tap and Circuit Selector Switches



Suitable for use in many types of test circuits. 2" notched shafts,  $\frac{1}{4}$ " diam. With black bar knob and mounting nut.  $\frac{3}{8}$ " bushings. Same features as gang switches (listed above). \*Have adjustable stop.

Shorting Stock No.	Non-Shorting Stock No.	No. of Circuits	Contacts Per Circuit	Base Diam.	Your Cost
K6878	K6888	One	5	$1\frac{1}{2}$ "	\$0.44
K6879	K6889	One	12	$1\frac{1}{2}$ "	.44
K6890	K6890	Two	2	$1\frac{1}{2}$ "	.44
K6891	K6891	Two	3	$1\frac{1}{2}$ "	.44
K6880	K6892	Two	6	$1\frac{1}{2}$ "	.44
K6881	K6893	Three	4	$1\frac{1}{2}$ "	.53
K6882	K6894	Four	2	$1\frac{1}{2}$ "	.50
K6883	K6895	Four	3	$1\frac{1}{2}$ "	.53
K6884*	K6896*	One	17	$1\frac{1}{2}$ "	.79
K6885*	K6897*	Two	9	$1\frac{1}{2}$ "	.79
K6886*	K6898*	Three	6	$1\frac{1}{2}$ "	.88
K6887*	K6899*	Six	3	$1\frac{1}{2}$ "	.88

## 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.



No.	Marking	No.	Marking
K6224	1 to 2	K6243	1 to 15
K6225	1 to 3	K6244	Volume
K6226	1 to 4	K6235	Off—1 to 3
K6227	1 to 5	K6236	Off—1 to 4
K6228	1 to 6	K6237	Off—1 to 5
K6229	1 to 7	K6238	Off—1 to 6
K6230	1 to 8	K6239	Off—1 to 7
K6231	1 to 9	K6240	Off—1 to 8
K6232	1 to 10	K6241	Off—1 to 9
K6233	1 to 11	K6242	Off—1 to 10
K6234	1 to 12		

Any Type, Your Cost... **9c**  
K6223—Marked "0-100". Each **15c**

## Push-Button Switches



Type 2190: New series for use in test instruments, meter switching circuits, etc. Circuit transfer, non-shorting type; each button provides d.p.d.t. action. Low loss contact construction. With escutcheon, brown bakelite knobs, blank inserts and transparent strip for windows.

No.	Buttons	Type	Each
K6615	4	2194	\$2.35
K6616	6	2196	2.94
K6617	8	2198	3.53

## YAXLEY Plugs & Jacks



No. 75. Bakelite Shell. Screw terminal. Two conductor. K6295—Your Cost... **29c**  
No. 75TC. Bakelite Shell, with loop for tie-cord. K6345—Your Cost... **29c**



No. 75N. Nickel Shell. Screw terminal. Two conductor. K6293—Your Cost... **44c**  
No. 75A. Same as above, with special cable clamp. K6346—Your Cost... **73c**  
No. 75NTC. With tie cord loop and nickel shell. K6294—Your Cost... **50c**



No. 100. 2-way Extension Jack. Fibre shell. K6348—Your Cost... **44c**  
No. 100N. Same as above, but with nickel shell. K6342—Your Cost... **73c**  
K100A. As above, but with nickel shell, cable clamp. K6349—Your Cost... **\$1.03**

## Microphone Plugs—Jacks

No. 76. 3-Way Mike Plug. Bakelite shell. K6296—Your Cost... **44c**  
No. 76A. Same as above, but with nickel shell. K6347—Your Cost... **88c**  
No. 101. 3-Way Mike Jack for both above plugs. Fibre shell. K6343—Your Cost... **88c**

To Speed Handling of YOUR Order -- Use Our Order Blank

# SWITCHES

## CENTRALAB "Positive" & "Spring Return" Switches

**Lever Action**  
Space saving lever action switches. Each switch supplied with knob. Plates available for mounting singly or in groups up to five.

**Shorting Type Switches**

Shorting Type No.	Poles	Pos.	Non-Shorting Type Action No.
K12825	2	3	Positive K12799
K12826	2	3	Spring K12800
K12801	4	2	Spring K12802
K12804	4	2	Positive K12803
K12905	2	3	Pos. & Spr. K12806

Any Type Above, Each **59c**

**Mounting Plates**  
Black crackle finished mounting plates for above switches. Range from single to 5 gang mounting.

No.	Gangs	Dimen.	Each
K12794	1	2 3/8 x 3/4"	12c
K12795	2	1 1/2 x 3/4"	18c
K12796	3	2 1/4 x 1 1/2"	21c
K12797	4	3 x 2 1/2"	26c
K12798	5	3 3/4 x 3"	29c

**CENTRALAB Tone Switches**  
Rotary Action  
All are rotary type; have 2 1/2" dia. bushing with 1/2" insulated steel shaft, 2 1/4" long. No knobs or plates supplied.

Stock No.	Description	Each
K12768*	S.P. 2 pos.	29c
K12769*	S.P. 3 pos.	29c
K12770*	D.P. 2 pos.	35c
K12771†	S.P. 2 pos.	38c
K12772†	D.P. 2 pos.	44c
K12773†	4 P. 2 pos.	59c

\*—Pos. Action. †—Spring Return

**CLAROSTAT Rotary Switches**  
Compact, positive contact Underwriter's Approved

Switches. Bakelite molded construction. Rated 1 amp., 250 volts; 3 amps., 125 volts. 1 1/2" dia., 1/2" body depth; bushings are 3/8" dia. 1 1/2" shaft.

Stock No.	Description	Each
K12845	S.P.—S.T.	29c
K12846	D.P.—S.T.	35c
K12847	S.P.—D.T.	35c
K12848	4-Wire. S.T.	35c

**Miniature Bakelite Knife Switches**  
Nickel plated metal parts, bakelite base. Single pole type 1 1/2" long; double pole 2 1/2".

Stock No.	Type	Your Cost
K16830	S.P.S.T.	32c
K16831	S.P.D.T.	38c
K16832	D.P.S.T.	44c
K16833	D.P.D.T.	50c
K16834	3-P.S.T.	62c
K16835	3-P.D.T.	76c
K16836	4-P.S.T.	88c
K16837	4-P.D.T.	94c

**Midget Panel Switches**  
Panel mounting. Have black Bakelite bases, nickle plated brass parts. Single pole type 1 1/2" long, 1/2" wide; double pole 1 1/2" long, 1" wide. With mtg. nuts.

Stock No.	Type	Each
K16842	S.P.S.T.	9c
K16843	S.P.D.T.	15c
K16845	D.P.S.T.	21c
K16844	D.P.D.T.	24c

## CUTLER-HAMMER Switches

Cutler-Hammer Switches are approved by the Underwriters.

**Toggle Switches**  
Approved type with nickel plated metal parts. All rated at 3 amperes at 250 volts except K12834 (3 amps. at 125 v.). Stems 1 1/2" diam.

**Single Pole—Single Throw**  
K12836—1/2" Stem **17c**  
Your Cost, Each..... \$1.53  
10 for..... \$1.90

**Single Pole—Double Throw**  
K12834—1/2" Stem **21c**  
Your Cost, Each..... \$1.89  
10 for..... \$2.15

**Double Pole—Double Throw**  
K12833—1/2" Stem **35c**  
Your Cost, Each..... \$3.15  
10 for..... \$3.45

**Double Pole—Single Throw**  
K12817—1/2" Stem **30c**  
Your Cost, Each..... \$2.70  
10 for..... \$2.90

**S.P.S.T. Slide Switch**  
Approved by Underwriters. Bakelite case, metal "on-off" plate. 6 amp., 125 v. Requires 3/64x1 1/2" hole.

K12841—Your Cost..... **33c**  
10 for..... \$3.10

**S.P.—3 Throw**  
Exposed type. Dead center position. 1/2" shaft, with hex. nut.

K12831—**69c**  
Each..... \$6.50  
10 for..... \$6.50

**Single Pole—Double Throw**  
Similar to above. 1/2" shaft.  
K12832—10 for \$1.80  
Your Cost, Each..... **20c**

**"On-Off" Switch Plates**  
Heavily nickel plated. With locating projection. Marked "on" and "off".

K12818—**2c**  
Your Cost Each..... \$1.20  
10 for..... \$12.00

**C-H POWER SWITCHES**  
Heavy duty switches. Ratings at 250 volts A.C. or D.C. Wiping contacts. 1 1/2" bushings.

Stock No.	Type	Ratings	H.P.	Ea.	For 10
K12813	S.P.S.T.	5 amperes	3/4	35c	\$3.20
K12814	D.P.S.T.	5 amperes	3/4	39c	3.50
K12815	S.P.S.T.	10 amperes	3/4	59c	5.45
K12816	D.P.S.T.	10 amperes	3/4	65c	5.95

**Slide Lever Switches**  
Compact type with silver plated contacts. Rated 1 1/2 amps. at 110 v. 1 1/2x1 1/2" centers 1 1/2".

No.	Type	Each
K12842	S.P.S.T.	12c
K12843	S.P.D.T.	13c
K12844	D.P.S.T.	14c

**H. & H. Rotary Panel Switches**  
Rated 3 amps., 125 volts. Approved type. With locknuts. Shaft extends 1". Bushing 3/8" in diameter. With lug terminals.

No.	Type	Each	10 For
K12779	S.P.S.T.	16c	\$1.44
K12693	S.P.D.T.	20c	1.79
K12780	S.P.S.T.*	22c	2.05
K12781	D.P.S.T.	23c	2.88
K12782	D.P.S.T.*	34c	3.20
K12783	D.P.D.T.	37c	3.33
K12784	D.P.D.T.*	38c	3.60

\*Bushings extends 1". Others 3/4".

**Porcelain Base Knife Switches**  
Especially suitable for aerial and ground. Copper contacts and blades.

Stock No.	Type	Your Cost
K16820	S.P.S.T.	9c
K16821	S.P.D.T.	11c
K16822	D.P.S.T.	17c
K16823	D.P.D.T.	19c
K16825	3-P.D.T.	49c

**"Phono-Radio" Plate**  
Etched aluminum and black 1 1/2" dia.  
K9899—Each..... **7c**

**Terminal Strips**  
Hi-quality bakelite terminal strips, 1/4" thick, with cadmium plated terminal lugs. Plain, no markings.

No.	Term.	Length	Ea.	10 For
K13145	2	2 1/4"	4c	33c
K13123	3	2 1/2"	6c	55c
K13112	4	2 3/4"	9c	82c
K13113	6	3 1/2"	10c	90c

**BAKELITE MOUNTING STRIPS**  
For mounting parts which are to be insulated from chassis. Tinned.

Stock No.	Lugs	Each	10 For
K13124	1	2c	14c
K13133	2	3c	16c
K13134	3	3c	18c
K13135	4	4c	33c
K13137	6	4c	33c

**Heavy Bakelite Strips**  
Screw and collar terminals mounted on 1/2" bakelite strips, 3/8" wide.

No.	Term.	Length	Ea.	10 For
K13140	2	2 1/4"	9c	\$0.74
K13141	3	2 3/4"	12c	.98
K13142	4	3 3/4"	15c	1.25
K13143	5	4	19c	1.55
K13144	6	4 3/4"	23c	1.85
K13230	7	5 1/4"	28c	2.50
K13231	8	5 3/4"	34c	3.00
K13232	9	6 3/4"	40c	3.55
K13233	10	7"	43c	4.00

**Bracket Lug Strips**  
Lugs on 1/4" bakelite strip 3/8" between centers. Heavy duty type. For mounting capacitors, resistors and other radio parts. Lugs are tinned for easy soldering. In four popular sizes.

No.	Lugs	Each	10 For
K13031	3	4c	35c
K13032	4	5c	42c
K13033	5	5c	45c
K13034	6	5c	45c

## Precision Switches

Light pressure, quick action precision units. Require only 4 oz. pressure and .001" of movement to operate. Underwriters approved. Rated 10 amps. at 125 volts a.c.; 1/2 H.P. inductive loads at 125-460 v. a.c. Bakelite case 1 1/4x1 1/4x1 1/4" high. Screw terminals with lugs. Used for sorters, counters, float controls, etc.

No.	Type	Normal	Each
K12725	S.P.S.T.	Closed	<b>90c</b>
K12726	S.P.S.T.	Open	
K12727	S.P.D.T.		

**Amphenol Tap-Change Switch**  
New, efficient 8-position single-pole switch. Phosphor bronze switch-arm; smooth contacts with lugs for quick soldering. Bakelite molded base in steel mounting plate. 1/2" H.x1 1/2" dia. With knob and cover.

K11510—Marked 1 to 8.  
K11539—With P.A. line impedance markings (0-2-4-8-16-250-500 ohms).  
Either Type, Each..... **44c**

**Two Circuit Push-Button Switches**

In normal position, with plunger out, one circuit is "on", and the other "off". When plunger is depressed, circuits are reversed. Slow make, quick break momentary contacts. Rated 75 watts at 125 v. a.c. Bushing 3/8" dia., 3/8" long.

**METAL PLUNGER (A)**  
Used on Supreme instruments and other popular makes.  
K12774—Each..... **24c**  
10 For..... \$2.15

**BAKELITE TIP (A)**  
K12777—Red } Each **29c**  
K12778—Black }  
10 For..... \$2.65

**BAKELITE BUTTON (B)**  
K12775—Red } Each **34c**  
K12776—Black }  
10 For..... \$3.05

**FEDERAL Anti-Capacity Switches**  
Springs are phosphor bronze silver-plated, actuated by a cam roller. Minimum capacity.

Stock No.	Type	Your Cost
K12852	D.P.S.T.	<b>\$1.65</b>
K12851	D.P.D.T.	
K12850	4-P.D.T.	<b>\$1.90</b>

**Canopy Switch**  
Rotary type, composition top. Very shallow. Wire leads. Rated 6 amp. at 125 volts.  
K13342—**8c**  
Each..... \$1.65  
10 For..... \$7.50

# BINDING POSTS, PLUGS, JACKS and CLIPS

## EBY Binding Posts

### Non-Removable Tops



Specially designed for use on metal chassis. Stud has hole for wire or phone tip.  
**K13032—Junior Post** Has 6-32 stud,  $\frac{1}{2}$ " long. **Your Cost Each 9¢**  
**K13083—Ensign Post** Has 6-32 stud,  $\frac{5}{8}$ " long. **Your Cost Each 11¢**  
**K13084—Commander Post** Has 8-32 stud,  $\frac{3}{8}$ " long. **Your Cost Each 18¢**

### EBY Twin Post Units

Two posts molded into a Bakelite base.  
**K13062—Your Cost 29¢**  
 Similar to above, but with three posts.  
**K13063—Your Cost 38¢**

### Insulated Posts

Red or black composition top. Plated ferrule. Specify color. 10 For 45¢  
**K13163—Your Cost 5¢**



### Binding Post With Banana Jack Top

Hole in top takes banana plug. Hole in stem for wire. In red or black. Specify color when ordering.  
**K12945—12 For 74¢ 7¢**  
**Your Cost Each 7¢**

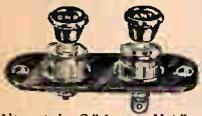
### Heavy Metal Binding Post

Nickel plated brass. Approximately 1" high.  
**K12946—Your Cost Each 6¢**  
 10 For 50¢



### Spring Clamp Binding Post Assembly

Posts mounted on Bakelite strip 2" long,  $\frac{1}{16}$ " wide. Centers 1 $\frac{11}{16}$ " apart. Marked "Ant" and "Gnd".  
**K13049—Your Cost 12¢**  
 10 For \$1.05



### Spring Clamp Binding Posts

Insulated top. Spring clamp holds wire. Overall length 1".  
**K13046—Your Cost Each 5¢**



### Test Accessory Kit



A very complete test prod kit with interchangeable tips. Contains 2 each—short and long banana tipped prods, alligator clip, phone tip and lug adapters, insulated banana plugs, banana jacks. Colored red and black.  
**K12972—Per Kit \$1.15**

### Cable Clamps

Heavy gauge steel. No. 6 mtg. hole. Cadmium plated.  
**K14951— $\frac{1}{4}$ " cable. 4 For 3¢**  
**K14952— $\frac{1}{2}$ " cable. 3 For 2¢**



## Insulated Tip Jacks



Have new type springs which provide sure grip contact. Mounts in  $\frac{3}{16}$ " hole. In red or black.  
 Specify color.  
**K12879—Each 6¢**  
 12 For 57¢

### Molded Bakelite Insulated Tip Jacks



Large diameter molded Bakelite heads take all phone tips. Phosphor bronze springs. With insulating washer.  
**K12877—Red 7¢ Each**  
**K12878—Black 10 For 65¢**

### Compact Tip Jack



Heavy contact spring. Mount in  $\frac{1}{4}$ " holes. Nickel brass finish.  
**K12948—Your Cost 3¢**  
 12 For 29¢

## Plain Tip Jacks



For test equipment. Nickel. Powerful bronze spring.  $\frac{1}{4}$ " mtg. hole.  
**K12918—Your Cost Each 3¢**  
 12 for 29¢

### Combination Jack



New type, takes both phone tips and banana plugs. Fully insulated, with insulating washer. In red or black. Specify color desired.  
**K12925—12 For 85¢**  
**Your Cost Each 8¢**

### All Insulated Tip Jack



Countersunk  $\frac{1}{2}$ " d. head.  $\frac{3}{8}$ " overall. Fits  $\frac{3}{8}$ " hole. Bronze spring.  
 Each 6¢  
**K12934—Red 6¢**  
**K12935—Black 6¢**  
 10 For 48¢

## AMPHENOL Phone Tip Jacks



Bakelite body. Takes standard plain or solderless phone tips. Mounts securely by means of snap ring. Requires  $\frac{3}{8}$ " hole. Red or Black—specify color desired.  
**K12765—Each 4 $\frac{1}{2}$ ¢**

### High Voltage Jack

13000 V. Tip Jack. As above but  $\frac{1}{2}$ " diam. For x'mitters, etc. Red or Black. Specify color.  
**K12766—Your Cost Each 6¢**

## Phone Tip and Lug Adapters For Prods



Handy little adapters for use with any banana plug, or test prod fitted with a banana plug end. Enable you to fit them to either tip jacks or binding posts. Red or Black—Specify color.  
**K12913—Phone tip end.**  
**K12914—Spade lug end.**  
 Each, Either Type 6¢  
 10 For 54¢

## Insulated Banana Jacks and Plugs



Plug has set screw for solderless wire connection. Jack fits  $\frac{1}{4}$ " hole and panels up to  $\frac{3}{8}$ " thick. Red or black insulation on both. Specify color desired.  
**K12915—Plug 10 For 47¢**  
**K12916—Jack 47¢**  
**Your Cost Each, Either Type 6¢**  
 100 For \$4.55

## Midget Banana Plugs and Jacks



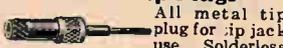
Insulated plug is 1" long and jack  $\frac{5}{8}$ ". Plain plug is  $\frac{5}{8}$ " long; jack is  $\frac{1}{2}$ " and fits  $\frac{1}{8}$ " hole up to  $\frac{3}{8}$ ". Insulated types available in red or black. Specify color desired.  
**K12905—Plain plug 4¢ each**  
**K12906—Plain jack 4¢ each**  
 12 For 36¢ 100 For \$2.85  
**K12907—Insulated plug 6¢ ea.**  
**K12908—Insulated jack 6¢ ea.**  
 Per Dozen 57¢

### Standard Tip Plug



Nickel plated brass.  
**K14881—10 For 6¢**  
 Per 100 45¢

## Plain Solderless Phone Tip Plugs



All metal tip plug for ip jack use. Solderless connection.  $\frac{1}{8}$ " long.  
**K12943—12 For 35¢**  
**Your Cost Each 4¢**  
 As above but  $\frac{1}{16}$ " long.  
**K12944—12 For 30¢**  
**Your Cost Each 3¢**

## Plain Banana Jacks and Plugs



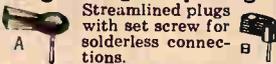
Nickel brass. Plug is  $\frac{1}{4}$ " long. Jack is  $\frac{5}{8}$ " long and fits  $\frac{1}{4}$ " hole in panels up to  $\frac{3}{8}$ ".  
**K12919—Plug 10 For 30¢**  
**K12923—Jack 30¢**  
**Your Cost Each, Either Type 4¢**  
 100 For \$2.80

## NEW Dual Circuit Plugs and Jacks



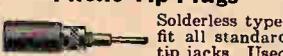
A new dual circuit tip jack and plug hardly larger than the ordinary single circuit. Overall: plug— $1\frac{1}{2} \times 1\frac{1}{8}$ "; jack— $1\frac{1}{2} \times \frac{3}{8}$ ". Available in red or black.  
**K12930—Red plug**  
**K12931—Black plug**  
**K12932—Red jack**  
**K12933—Black jack**  
 Any Type, Each 24¢  
 10 For \$2.20

## Right Angle Tip Plugs



Streamlined plugs with set screw for solderless connections.  
**K12937—(A) Specify red or black.**  
**K12984—(B) Red.**  
**K12985—(B) Black.**  
 Any Type Each 15¢

## Solderless Insulated Phone Tip Plugs



Solderless type: fit all standard tip jacks. Used on test leads. In red or black; specify color.  
**K12973— $\frac{1}{8}$ " long prod. 6¢**  
**K12974— $\frac{1}{16}$ " long. 6¢**  
 Per Dozen, Either Type 57¢

## YAXLEY

### Round Head Jacks

Compact type. Insulated tops. Mount in  $\frac{1}{4}$ " hole. Panels up to  $\frac{3}{8}$ " thick.  
**K6534—Red Each 9¢**  
**K6535—Black 9¢**  
**K6536—Yellow 9¢**  
**K6537—Green 9¢**  
 Per Pair, 1-red, 1-black.  
**K6538—Your Cost 15¢**



### Insulated Tip Jack

No. 420—Bakelite. Phone tips nest all the way in jack. Mount in a  $\frac{1}{4}$ " hole. Each 9¢  
**K6505—Red 9¢**  
**K6506—Black 9¢**  
**K6507—Green 9¢**  
**K6508—Yellow 9¢**



Per Pair, 1 red, 1 black.  
**K6467—Your Cost 15¢**

### Shorting Type Twin Jacks

Circuit is closed when the tips are removed. Red or Black. Specify color, 10 for \$1.50  
**K13035—Your Cost 17¢**



## Alligator Clips

Powerful grip. Ends take banana plugs. 2" clip is  $\frac{1}{4}$ " wide, 2 $\frac{3}{4}$ " clip is  $\frac{5}{8}$ " wide. Steel non-rusting finish.  
 No. Length Each 10 For  
**K12955 2" 4¢ 30¢**  
**K12956 2 $\frac{3}{4}$ " 5¢ 45¢**  
 Copper—with bronze spring. For RF work. Has set screw.  
 No. Length Each 10 For  
**K12947 2" 9¢ 69¢**



## Insulated Alligator Clips

Plated metal grips with insulated handles that take banana plugs. Handles in red or black; specify. Steel non-rusting finish.  
 No. Length Each 10 For  
**K12911 2 $\frac{1}{2}$ " 7¢ 65¢**  
**K12909 3 $\frac{1}{2}$ " 8¢ 70¢**  
**K12949 2 $\frac{3}{4}$ " 15¢ \$1.20**  
 \*Copper—with bronze spring.



## Double Handle Type Insulated Alligator

Clips Prevents shocks in high voltage testing. Handles take banana type plugs.  
**K12900—Red 12¢ Ea.**  
**K12901—Black 12¢ Ea.**



## Alligator Phone Tip Jack

Alligator clip fitted with standard phone tip jack. Fits test prods equipped with phone tip ends. Red or black—specify color.  
**K12880—10 For \$1.60**  
**Your Cost Each 18¢**



## Tip Jacks

Mounted on Bakelite. Contact springs grip cord tips securely.  
**K13037—Double jack. Each 5¢**  
 10 For 45¢  
**K13036—Triple jack 7¢**  
 10 For 61¢



FOR PHONE PLUGS AND PHONE JACKS PLEASE TURN TO PAGES 93 and 166.

# ★ ★ ★ ★ SOCKETS ★ ★ ★ ★

## AMPHENOL Above Chassis Sockets



Chassis type bakelite socket, in aluminum shell.  $1\frac{3}{16}$ " above sub-panel. Has 4 knock-outs for leads, plus flange for mounting. Ideal for mounting on work benches, breadboard radios, etc.

No. Prongs	No. Prongs
K13100 4	K13103 7S
K13101 5	K13104 7L
K13102 6	

Any Type Above, Your Cost Each. **12½¢**  
 K13105—7 L. S. K13106—8 Oct.  
 Either Type Above, Your Cost Each. **14¢**

## AMPHENOL Standard Tube Sockets



Type "A" is designed for general replacement work and has a steel adapter plate to fit mounting centers from  $1\frac{1}{2}$ " to  $1\frac{7}{8}$ ". Type "B" is for new work and requires only a single  $1\frac{1}{4}$ " hole, being held in place with a retainer ring,



unusually easy to mount. Both types available in Bakelite and Steatite. Steatite being especially desirable for transmitters, high power amplifiers, etc. 9 and 11 prong sockets are for Amphenol connectors. 7C sockets fit small and large base tubes.

No. Prongs	Bakelite "A"		Bakelite "B"		Steatite "A"		Steatite "B"	
	Stock No.	Ea.						
4	K13057	7c	K13207	6½c	K13194	24c	K13215	23c
5	K13058	7c	K13208	6½c	K13195	24c	K13216	23c
6	K13059	7c	K13209	6½c	K13196	24c	K13219	23c
7S	K13061	7c	K13210	6½c	K13197	24c	K13220	23c
7L	K13060	7c	K13211	6½c	K13198	29c	K13238	28c
7C	K13056	9c	K13237	8c				
8	K13050	9c	K13212	8c	K13199	24c	K13221	23c
9	K13041	11c	K13213	10c				
11	K13042	15c	K13214	14c				

## AMPHENOL "MIP"

### "World's Strongest Socket"



Molded from high-dielectric black bakelite, with molded-in plate for  $1\frac{1}{2}$ " mounting centers. Cannot come loose or rattle. Strong, dependable. Stock No. Prongs Your Cost Ea.

K13164	4	6¢
K13165	5	
K13166	6	
K13167	7, small	
K13168	7, large	7¢
K13169	8, octal	
K13223	9	9c
K13224	11	12c

### Midget "MIP" Octal

Smaller, more compact than above. Has  $1\frac{1}{4}$ " mtg. centers. Octal, 8 prongs, only. **K13225—Your Cost Each... 7¢**

### Poly-Styrene Ultra Lo-Loss Socket



Molded polystyrene base. Fine for U.H.F. work. Long lugs. 8 pr. Caution: Solder fast! Do not heat beyond 200° F.  $1\frac{1}{4}$ " hole— $1\frac{1}{2}$ " centers.

K13170—Octal	24¢
Your Cost Each	
K13160—Loktal	27¢
Your Cost Each	

## Loktal Sockets Replacement type.

With adapter plate for  $1\frac{1}{2}$ " to  $1\frac{7}{8}$ " mtg. centers or ring type without plate for  $1\frac{1}{2}$ " hole. Bakelite. **K13040—With Plate. Ea. 11¢**  
**K13045—With Ring only. Ea. 10¢**

## Keyed Socket Punches

**K13043**—For making keyed socket holes, for Amphenol sockets. Standard 1.172"  
**K13044**—For making large 1.327" holes.  
 Either Type Each, **\$2.94**  
 Your Cost

## Hammarlund Acorn Socket

$1\frac{1}{8}$ " in dia. Shield included. **K8464—**  
 Each. **66¢**

## MILLEN Sockets

Much higher Steatite body used to provide increased insulation. Barriers separate all contacts, permitting use of higher than ordinarily used voltages.

Stk. No.	Mfrs. No.	Prongs	Each
K8045	33004	4	24¢
K8046	33005	5	
K8047	33006	6	
K8049	33008	Octal	

## Bakelite Combination Base or Panel Sockets

Molded Bakelite. Your Cost Each 10 For

Stock No.	Prongs	Each	10 For
K13090	4	15c	\$1.45
K13091	5	21c	\$2.05
K13092	6		
K13093	7, small	23c	\$2.15
K13094	7, large		
K13080	8, octal		

## COMBINATION SOCKETS

**K13095**—Comb. 4, 5, 6 prong.  
**K13096**—Comb. 5, 6, small 7 prong.  
 Your Cost Each, **25¢**  
 Either Type

## JOHNSON Alsimag Wafer Sockets

**K14155**—Alsimag low-loss material socket for 818 tube. **73¢**  
**K14156**—Alsimag low-loss socket for 832 tube. **\$1.03**  
 Your Cost Each

## Amphenol Miniature Tube Sockets

For the New RCA, Hytron, Raytheon and Cetron Baby Tubes

For the new miniature tubes of all makes for use in hearing aids, pocket radios, remote controls, measuring devices, etc. All mounting holes  $\frac{3}{8}$ " except Raytheon ( $\frac{1}{2}$ "). Correct retainer ring supplied with socket.

For RCA Tubes		For Raytheon Tubes	
Designed for 1S4, 1S5, 1T4 and 1R5.	For CK501, CK502, CK503, CK504.		
<b>K13173</b> —Black Bakelite. .... 10c	<b>K11598</b> —Black Bakelite. .... 10c		
<b>K13172</b> —As above, but of molded polystyrene for UHF work. .... 21c			
For Hytron Tubes		For Photo Cells	
Designed for HY113, HY115, HY125.	Designed to fit RCA Pee-Wee and Cetron CE-5BB, CE-20 photocells.		
<b>K11542</b> —Black Bakelite. .... 10c	<b>K11599</b> —Black Bakelite. .... 8c		

## INSULEX Sockets



Low loss. Top and sides glazed. Re-enforced springs.  $2\frac{1}{2}$ " long,  $1\frac{1}{2}$ " wide. Centers  $1\frac{1}{4}$ ".  
 Your Cost Each **25¢**  
 10 For \$2.25

## UX Insulex Socket

Base mounting. For standard UX tubes like the O1A, 10, 866, etc. Insulex low loss insulation. 4 prong. **K12636**—Each. **35¢**

## No. 12 EBY Sockets

Molded Bakelite. For sub or top of panel mount. Firm gripping positive contacts. Each **18¢**  
 7 L & S **24¢**  
 8 octal

## SERVICEMANS SPECIAL

New Type molded socket. Replaces all standard wafer types. **4¢ ea.**  
**K13174**—4 pr.  
**K13176**—5 pr.  
**K13177**—6 pr.  
**K13178**—7 pr. S.  
**K13107**—8 (octal) **25 for 78c**

## Wafer Sockets



Sturdily constructed of laminated Bakelite. Cadmium-plated, self-aligning, floating one-piece contacts. Midgets have  $1\frac{1}{2}$ " centers; standard  $1\frac{1}{4}$ ".

Stock No.	Prongs	Your Cost Ea.
K13070	Four	5¢
K13078	Five	
K13071	Six	
K13069	7, small	
K13074	7, large	10 For... 45c

## Standard Size Midget Size

No.	Prongs	Each	10 For
K13114	Four	5¢ 45¢	10 For
K13115	Five		
K13121	Six		
K13122	7, small		
K13125	7, large		
K13127	8, octal		

**New Wafer Loktal**  
 $1\frac{1}{2}$ " Mtg. Centers. Each 10 For **55c**  
**K13075**—8 prong. 6c

## "Miniature" Wafer

For the new RCA ultra-compact all glass tubes ( $\frac{3}{8}$ " dia.) 7-pin type. Mtg. center,  $\frac{1}{2}$ ". **K13097**—Each. **5¢**  
 10 For... 45c

## "Eye" Tuning Indicator



For installation in any set having AVC. Requires 6E5 tube for 6.3 V. sets; 2E5 for 2.5 V. sets. Easily installed; full instructions. Complete, less tube. **K11480**—Less tube. Ea. **59¢**  
**K11481**—Extra mtg. bezel. .... 15c

## HAMMARLUND Isolantite Sockets

Ideal lo-loss sockets for improved high freq. reception. Glazed tops, sides; underneath "Ceresin" treated. Subpanel or base mounting. "Guide groove".  $2\frac{1}{4} \times 1\frac{1}{8}$ ".  $1\frac{1}{2}$ " mounting centers.

No. Prongs	No.	Prongs
K8496	4	K8499
K8497	5	K8530
K8498	6	

Any Type Above, Each... **36¢**  
**K8532**—8-Prong Octal... 45c

## JOHNSON Sockets



Low-absorption porcelain material base. Heavy phosphor bronze contacts, cadmium-plated, with double filament springs. Heavy nicked brass shells. **K14160**—UX base. **50¢**  
 Your Cost  
**K14161**—50 Watt base. **73¢**  
 Your Cost  
**K14157**—Giant 5-prong socket, for RCA 808, RK 28, etc. **\$1.47**  
 Your Cost

## Acorn Clips and Sockets

Acorn Socket—Made of genuine Mycalex,  $1\frac{1}{4}$ " square for 954 and 955 type tubes. Rugged spring contacts assure tight noiseless connections. **K13171**—Your Cost. **50¢**  
**K13155**—Special grid clip for 1851 tube. Each. **5¢**  
**K13156**—Complete socket and mount for 922 and 921 tubes. **59¢**  
 Your Cost  
**K13157**—Cathode Clip for 922 and 921 tubes. **10c**  
**K13158**—Anode Clip for above. **6c**

### Tapered Lugs

Fits over all screws up to No. 10; shank fits banana plugs. 1 1/4" long, 3/8" wide. Cut for easy soldering.  
K12954—Per Dozen..... **12<sup>c</sup>**



### Wing Nuts

Brass, nickel-plated. Have numerous uses.

Stock No.	Thread	Each
K12926	6-32	<b>3<sup>c</sup></b>
K12927	8-32	
K12928	10-32	
K12929	1/4"-20	
Per 100 (assorted)		

### Escutcheon Pins

Antique Bronze finish—1/4" long. For fastening all types of escutcheons or nameplates.

K14811—Per 100  
Your Cost..... **14<sup>c</sup>**

### Escutcheon Screws

Round head, bronze finish, 3/4" long. Fits any type escutcheon.

K14934—No. 2 size  
Per Gross..... **29<sup>c</sup>**

### Knob Set Screws

These headless set screws are case hardened. Packed 100 per box.

K14786	1/4"x6-32	K14787—	1/8"x8-32
K14788	3/8"x6-32	K14789—	1/4"x8-32

Any Size Above,  
10 For..... **11<sup>c</sup>**  
50 For..... 39c

### Bumper Feet

These felt feet have a standard 6-P.K. screw inserted in the metal part that holds the felt in place. Width 3/4" overall.

K14757—Your Cost Each..... **2<sup>c</sup>**  
10 For..... 18c  
For 50..... 75c  
For 100..... \$1.25

### 1/4" Brass Spacers

For raising components above chassis or away from panel. All pass, Nos. 4, 6 and 8 screws.

Stock No.	Height	For	Lots of
K9868	1/2"	Ten	100
K9869	3/4"	12c	\$0.98
K9870	1"	15c	1.20
K9871	1 1/4"	17c	1.30
K9871	1 1/2"	24c	1.50

### Locking Washers

K14758—To pass No. 6 screw.  
K14759—To pass No. 8 screw.  
Either Type  
Envelopes of 25..... **6<sup>c</sup>**  
100 For..... 28c

### Insulating Washers

Of fibre. Used for metal panel and chassis mounting of parts.

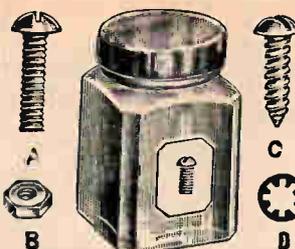
Stock No.	Shoulder Type		Per 10	
	O.D.	I.D.		
K15020	1"	3/4"	<b>10<sup>c</sup></b>	
K15021	1 1/4"	1"		
K15022	1 1/2"	1 1/4"		
K15023	1 3/4"	1 1/2"		
K15026	2"	1 3/4"		
Flat Washers			Per 100	
K15030	3/4"	3/4"		<b>8<sup>c</sup></b>
K15031	1"	1"		
K15032	1 1/4"	1 1/4"		
K15036	1 1/2"	1 1/2"		
K15037	1 3/4"	1 3/4"	Per 100 56c	

### Ornamental Top Bronze Finished Machine Screws

No.	Size	Lgth.	Doz.	100 Lots
K14680	6-32	3/4"	8c	39c
K14681	6-32	1"	9c	49c
K14682	6-32	1 1/4"	10c	55c

# RADIO HARDWARE

## RADIO HARDWARE IN JARS



The most convenient, neatest way to keep your small hardware—in glass jars with screw-on caps.  
Your Cost, **22<sup>c</sup>**  
Any Jar..... \$1.00  
5 Jars for..... \$1.00  
K14675—Jar only..... 5c

### P-K Tap Screws (C)

No.	Quantity	Size
K14665	50	No. 4 x 1 1/4"
K14666	50	No. 6 x 1 1/4"
K14667	45	No. 6 x 3/8"
K14668	40	No. 7 x 1/2"
K14669	35	No. 10 x 3/4"
K14670	45	No. 10 x 3/8"

### Nickel Plated Hex Nuts (B)

No.	Quantity	Size
K14661	110	4-36 x 1/4"
K14662	110	6-32 x 1/4"
K14663	90	6-32 x 3/8"
K14664	90	8-32 x 3/8"

### Washers (D)

K14671	150	#6 Plain Brass
K14672	150	#8 Plain Brass
K14673	100	#6 Shakeproof
K14674	100	#8 Shakeproof

### Round head Nickled Mach. Screws (A)

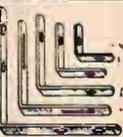
No.	Quantity	Size
K14650	100	4-36 x 1/4" long
K14651	100	4-36 x 3/8" long
K14652	75	4-36 x 1/2" long
K14653	90	6-32 x 1/4" long
K14654	80	6-32 x 3/8" long
K14655	70	6-32 x 1/2" long
K14656	75	8-32 x 3/8" long
K14657	70	8-32 x 1/2" long
K14658	65	8-32 x 3/4" long
K14659	60	10-32 x 3/4" long
K14660	50	10-32 x 1" long

## "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.  
K14823  
Your Cost per Box..... **95<sup>c</sup>**

### Right Angle Brackets



All are brass, nickel-plated; width is 3/8". Very sturdy.

Stock No.	Size	Your Cost Ea. For 10
K14895	1/2" x 1/2"	1c
K14896	3/8" x 3/8"	2c
K14897	1" x 1"	2 1/2c
K14898	1 1/4" x 1 1/4"	3c
K14899	1 1/2" x 1 1/2"	3 1/2c

### Rubber Grommets

Insulate holes in 1/4" metal panels, chassis, electrical appliances, etc.



Stock No.	Fits Hole	Inside Diam.	Per Doz.	Per 100
K14765	1/4"	3/8"	8c	52c
K14766	3/8"	1/2"	14c	54c
K14768	1/2"	5/8"	19c	62c
K14769	3/4"	3/4"	22c	78c

### Colored Grommets

Hard insulating composition; with knurled nut; in red or black. For instruments, etc.



Stock No.	Color	Hole	Diam.	L.	Your Cost Each
K14688	Red	3/8"	3/8"	3/8"	4 <sup>c</sup>
K14689	Black	3/8"	3/8"	3/8"	4 <sup>c</sup>
K14690	Red	1/2"	1/2"	1/2"	4 1/2 <sup>c</sup>
K14691	Black	1/2"	1/2"	1/2"	4 1/2 <sup>c</sup>
K14692	Red	3/4"	3/4"	3/4"	6 <sup>c</sup>
K14693	Black	3/4"	3/4"	3/4"	6 <sup>c</sup>
K14694	Red	1"	1"	1"	6 <sup>c</sup>
K14695	Black	1"	1"	1"	6 <sup>c</sup>

### Tinned Brass Lugs



Available in two assortments—kit "A" contains 12 assorted grommets in 4 sizes—3/8", 1/2", 3/4", and 1". Kit "B" contains 30 assorted grommets in 4 standard sizes—1/4", 3/8", 1/2", and 3/4".  
K14794—Assort. "A"  
Your Cost..... **10<sup>c</sup>**  
K14795—Assort. "B"  
Your Cost..... **23<sup>c</sup>**

### Rubber Grommet Kits

Available in two assortments—kit "A" contains 12 assorted grommets in 4 sizes—3/8", 1/2", 3/4", and 1". Kit "B" contains 30 assorted grommets in 4 standard sizes—1/4", 3/8", 1/2", and 3/4".  
K14794—Assort. "A"  
Your Cost..... **10<sup>c</sup>**  
K14795—Assort. "B"  
Your Cost..... **23<sup>c</sup>**

### Assorted Brackets

Box of 28 of the most popular angles and brackets used in radio. Brass, nickel-plated.

K143...  
Your Cost..... **21<sup>c</sup>**

### 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..... **21<sup>c</sup>**

### Self-Tapping Screw Assortment

Forty of the most commonly used sizes in modern receivers. Use no nuts, merely start hole and drive through. Used in many standard receivers.  
K14687—Box of 40.  
Your Cost..... **22<sup>c</sup>**

### 160 Piece Set Builder's Hardware Assortment

Contains: 20 each 6-32x3/8", 6-32x1/2"; 10 6-32x1" screws; 50 6-32 nuts, 10 lugs, 10 lockwashers.  
K1483—Per Kit..... **35<sup>c</sup>**



### Nickled Brass Machine Screws

Stock No.	Length	Doz.	Gross
K14750	3/8"	3c	28c
K14751	1/2"	4c	33c
K14752	3/4"	5c	42c
K14753	1"	5c	55c
K14754	1 1/4"	6c	65c

### 8-32 Round Head Screws

K14755	3/8"	5c	50c
K14756	1/2"	6c	55c

### 6-32 Flat Head Machine Screws

K14760	3/8"	3c	30c
K14761	1/2"	4c	38c
K14762	3/4"	5c	50c
K14763	1"	5c	50c
K14764	1 1/4"	6c	60c

### 6-32 Oval Head Machine Screws

K14770	3/8"	3c	30c
K14771	1/2"	4c	42c
K14772	3/4"	5c	50c
K14773	1"	5c	50c
K14774	1 1/4"	6c	60c

### Cadmium-Plated Steel Machine Screws & Nuts

Stock No.	Length	Per 100	Per 1000
K14922	1/4"	11c	\$0.98
K14923	3/8"	12c	1.10
K14924	1/2"	13c	1.17
K14925	3/4"	14c	1.26
K14926	1"	16c	1.50
K14927	1 1/4"	20c	1.80

### 8-32 Round Head Steel Screws

K14928	3/8"	14c	1.26
K14929	1/2"	16c	1.50
K14930	3/4"	17c	1.60
K14931	1"	20c	1.80
K14932	1 1/4"	22c	2.05
K14933	1 1/2"	27c	2.43

### Cadmium-Plated Steel Hex Nuts

K14939	6-32x1/4"	15c	1.40
K14940	8-32x3/8"	17c	1.55

### Nickel-Plated Brass Round Head Wood Screws

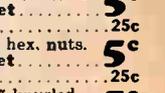
Stock No.	Size	Length	Doz.	Gr.
K14780	4	3/4"	4c	40c
K14781	5	1"	5c	50c
K14782	5	1 1/4"	6c	60c
K14783	5	1 1/2"	8c	80c

### Hex Nuts, Knurled Nuts, & Washers, Nickled Brass

K14894	6-32x1/4"	hex. nuts.	5 <sup>c</sup>
Envelope of 20; Net			19c
K14865	8-32x1/4"	hex. nuts.	5 <sup>c</sup>
Envelope of 20; Net			20c
K14806	6-32x3/8"	hex. nuts.	5 <sup>c</sup>
Envelope of 15; Net			25c
K14807	8-32x1/2"	hex. nuts.	5 <sup>c</sup>
Envelope of 15; Net			25c
K14808	6-32x1/2"	knurled nuts.	5 <sup>c</sup>
Envelope of 6; Net			75c
K14809	No. 6 washers.		5 <sup>c</sup>
Envelope of 25; Net			19c
K14810	No. 8 washers.		5 <sup>c</sup>
Envelope of 25; Net			19c

### Heavy Duty Copper Lugs

For battery terminals, for lines carrying high current, etc., 1" long. No. 10 slot. 100 for 69c.  
K14912—Your Cost per 100..... **8<sup>c</sup>**





# SET BUILDERS ACCESSORIES



## Jacket Type Tube Shields



Will form-fit all glass tubes. Bodies consist of two halves snugly held to the tube by a spring ring. Supplied complete with ground clip to be held by socket mounting bolt against shield.

**K13258**—For ST-14 tubes with or without caps such as 24A, 01A, 26, etc.

**K13262**—For ST-12 tubes without grid caps such as 27, 56, 41, 1H4G, etc.

**K13264**—For ST-12 tubes with grid cap such as 6C6, 57, 58, 75, 6A7, 6J7G, etc.

**Your Cost Each, Any Type Above**..... **5c**  
 10 For..... **45c**    100 For..... **\$4.25**

## Bantam Tube Shields



Designed especially for the new 1.5 volt and bantam "GT" tubes or other "T-9" bulbs. Available with and without grid-cap, as described below.

**K13259**—Plain shield, without cap. One-piece, grounds automatically. 10 For..... **20c**  
**Your Cost Each**..... **2 1/2c**

**K13260**—Same as above, but with short cap and ground clip. For tubes without top grid cap. **Type A**. 10 For..... **35c**  
**Your Cost Each**..... **4c**

**K13261**—**Type B**. With grid-lead cap and ground clip. 10 For..... **45c**  
**Your Cost Each**..... **5c**

## Tube Shields



For 56, 57, 58, etc., type tubes. Three pieces—base, shell, cap. Shell diameter 1 3/8". Overall height 4 3/8". Natural bright aluminum.

**K13265**—Ea..... **8c**  
 10 For..... **75c**

## Metal Tube Grid Cap Shields



For use with screen grid metal tubes. Oxidized black finish.

**K13217**—Ea..... **4c**  
 10 For..... **30c**

## Aluminum Coil Shields



Detachable base, permits quick top removal.

**K12639**—2 1/2"x3" high

**K12640**—2 1/2"x3 3/8" high

**Your Cost**..... **10c**  
 Either Type.....

## FAHNESTOCK Clips



**Type A**, Screw Mount, Double Clip.  
**Type C**, Screw Mount, Single Clip.

No.	Type	Ins.	Per Doz.	For
K14823	C	3/4"	8c	28c
K14824	C	1"	9c	30c
K14825	A	1 1/2"	25c	75c
K14826	A	1 3/4"	26c	85c

## MUELLER Wee-Pee-Wee Clips



Non-Ferrous R.F. Clip. Will not heat in hi-freq. circuits. Ideal for tapping coils. Length 1 1/2". Completely insulated with Red or Black rubber jacket. Specify color No. 88-93.

**K16022**—Your Cost Ea..... **10c**  
 10 For..... **85c**

## AMPHENOL Polystyrene Coil Form



For U.H.F. antenna, RF and oscillator coils. Mounts directly on waveband switch, tuning condenser, etc. Drills easily. Size: 1 1/2" long, 3/4" dia. Raised hole in center, for self-tapping screw.

**K11577**—Your Cost..... **9c**

## AMPHENOL Polystyrene "912-A" Rod



World's finest insulator now available in polished rod form. Molded from pure polystyrene. In 12" lengths for machining special coil forms and other ultra-loss parts. Plain rod forms.

**K8067**—1/2" diam.x12" L..... **24c**  
**K8068**—3/4" diam.x12" L..... **27c**  
**K8069**—1" diam.x12" L..... **48c**

## National Grid Clips



**Type A**. Easily removed. Tinned grip end for soldering. Long.

**K14434**—For Glass tubes..... **3c**  
**K14565**—For Metal tubes..... **3c**  
**K14441**—For 866's..... **3c**

**Type B**. Molded of R-39, low loss material.

**K14597**—For 866's..... **21c**

## Metal & Glass Tube Cap



Fits either type. With 11" lead and pin-tip. In red or black. Specify color with order.

**K11728**—Your Cost Ea..... **12c**

## Rubber Insulated Clip



Soft rubber on spring bronze. Each with approx. 12" lead.

No.	Type	Each
K11620	For 866, etc.	5c
K11621	Glass tubes	5c
K11622	Metal tubes	5c

## Grid Cap



Insulating covered grid cap, for transmitting tubes.

**Type 866 etc.**

**K8055**—Type 36001. Ea..... **21c**

## Screen Grid Clips

Miniature Clips for Metal Tubes. With wire ferrule.

**K14985**—Per Doz. 6c  
**Your Cost**..... **1c**  
 Each.....

For Glass Tubes For Standard Glass Tubes.

**K14827**—1c    12 For    100 For  
 Each.....    6c    35c

## Nickel Cap Nuts



Acorn type cap nuts, nickel plated brass. Adds the finishing touch to all apparatus.

**K12924**—6-32 thread  
**K12922**—8-32 thread

**Either Type, 10 For..... 11c**

## Split Lock Washers



**K14791**—For No. 6 screws  
**K14792**—For No. 8 screws  
**K14793**—For No. 10 screws

**Your Cost**..... **6c**  
 For 25.....

## Steel Angle Brackets With Tapped Holes



Heavy gauge steel, cadmium plated. One 8-32 tapped hole, one 6-32 plain hole. In three popular sizes.

Stock No.	Size	10 For Each
K14905	1/2"x3/8"	16c
K14910	3/4"x3/8"	2c
K14911	1"x3/4"	23c

## Steel Screws and Washers



10/32 oval head screws. The cup washer, also 10/32, is designed to match the screw head in appearance. Nickel-plated.

Stock No.	Length	12 For
K14775	1/2"	4c
K14776	1"	6c
K14777	Cup washer	6c

**Your Cost for 12.....**

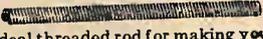
## Mounting Lugs



Of cadmium-plated steel. Hole in flat end for 6-32 screw; threaded end 6-32.

**K14955**—Per 10..... **5c**  
**Your Cost Per 100..... 25c**

## Brass Threaded Rod



Ideal threaded rod for making your own long screws. Easily cut to any length. In 12" lengths.

**K14913**—6-32 size. Per Lgth..... **11c**  
**K14914**—8-32 size. Per Lgth..... **11c**  
**K14918**—10-32 size. Per Lgth..... **14c**

## Bakelite Tubing



In natural smooth black 1/2" 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"	65c	6c
K13154	3"	76c	7c

## Natural Tan Bakelite, 1/8" Wall

K13129	1/2"	26c	2 1/2c
K13130	3/4"	27c	2 1/2c
K13131	1"	29c	3c
K13132	1 1/2"	32c	3 1/2c

## 8-Yard Spools of Spaghetti



High grade varnished cambric tubing, No. 12 size. Ideal for No. 12 bus bar. 5600 volts dielectric strength. 8-yard lengths wound on fibre spools.

**K15951**—Red    **K15952**—Green  
**K15954**—Yellow    **K15955**—Black

**Your Cost, Per 8-Yard Spool..... 53c**

## Rub-R-Shim



Strips of shock proof live sponge rubber. One side adhesive coated. 10-ft. rolls.

No.	W.x.T.	Each 10 For
K14861	3/4"x3/8"	20c \$1.80
K14862	3/4"x3/4"	24c 2.20
K14863	3/4"x1/2"	32c 3.00

## Friction Tape



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.	7c	60c
K14842	4 oz.	12c	\$1.00
K14843	8 oz.	19c	1.80

## RUBBER TAPE

K15840	4 oz.	12c	\$1.00
K15041	8 oz.	21c	1.98

## Scotch Tape



For insulating or binding radio parts. Bi-adhesive quality. Very flexible, easy to remove. 1/2 inch wide. 860 inches in roll.

**K15039**—Your Cost..... **25c**

## Battery Clips



Good quality spring clip. Cadmium plate steel body.

**K16060**—1 1/2" long. 10 For 35c. Each..... **3c**  
**K16061**—1" long. 10 For 26c. Each..... **3c**  
**K16062**—2 1/2" long. 10 For 42c. Each..... **5c**  
**K16063**—3 1/2" long. 10 For 56c. Each..... **6c**

## Brass Terminals



Made of 1/8" brass. 1" high. 1/2" offset. Hole takes No. 10 screw. Carries 10 amps. Tinned.

**K14778**—10 for..... **5c**

## BILDEN Terminal



Assortment

Contains 100 most popular solder terminals. For all servicing and set building requirements. In transparent container.

**K14790**—Your Cost..... **36c**

## No. 85T Mueller Crocodile



**Tip Clip** For connecting

Bridges, Voltmeters, etc., or anything having binding posts with non-removable heads. Fine for test prods. 10 For 89c.

**K16023**—Your Cost Ea..... **12c**  
**K16020**—Each..... **5c**  
 10 For..... **39c**  
 Rubber insulator for either of the above.  
**K16021**—Each..... **4c**  
 10 For..... **28c**

## MUELLER Clips and Rubber Insulators



Spring actuated clips for lab., test and battery uses. Type 27 and 27C are laboratory types with mesh teeth on three sides, others have teeth in front only. Soft rubber insulators cover entire clip as shown. Listing below shows insulators opposite proper size clip.

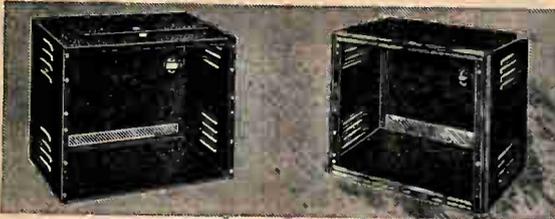
CLIPS				INSULATORS			
No.	Type	Size	Each 10 For	No.	Type	Each 10 For	
K16029*	45	1 1/2"	4c \$0.29	K16031	47	7c	\$0.50
K16030†	45C	1 1/2"	7c .54	K16031	47	7c	.89
K16032*	48B	2"	4c .32	K16033	49	9c	.69
K16034†	24A	3"	7c .59	K16035	26	17c	1.52
K16026*	27	2 1/2"	8c .69	K16028	29	12c	.79
K16027†	27C	2 1/2"	16c 1.29	K16028	29	12c	.79

\* Cadmium plated steel. † Lead coated steel. ‡ Solid copper.

Special Handling of YOUR Order - Use Our Order Blank

# RACKS · PANELS · CABINETS

## STEEL CABINETS FOR RACK PANELS



Heavy duty cabinets built of 1/4" steel and finished in black ripple. Standard and DeLux models. Standard models have square re-enforced corners; spot welded joints. DeLux models have neatly rounded corners and are decorated with attractive chromium trim. Both types are universally drilled to take all standard 19" rack panels. All have louvres and latch covers. All take chassis 13" deep. De Lux available with slate gray finish on special order.

### STANDARD STEEL CABINETS

Stock No.	Cabinet Dimensions	Panel Space	Door Location	Shpg. Wt.	Your Cost
K22194	8 3/4 x 19 x 13 1/2"	8 3/4 x 19"	Top Only	20 lbs.	\$4.70
K22070	12 1/4 x 19 x 13 1/2"	12 1/4 x 19"	Top Only	27 lbs.	5.88
K22193	17 1/4 x 19 x 13 1/2"	17 1/4 x 19"	Top & Rear	34 lbs.	8.75
K22192	26 1/4 x 19 x 13 1/2"	26 1/4 x 19"	Rear Only	47 lbs.	9.40
K22190	35 x 19 x 13 1/2"	35 x 19"	Rear Only	55 lbs.	10.70

Stock No.	Cabinet Dimensions	Panel Space	Door Location	Shpg. Wt.	Your Cost
K22188	10 1/2 x 21 x 13 1/2"	8 3/4 x 19"	Top Only	22 lbs.	7.35
K22187	14 x 21 x 13 1/2"	12 1/4 x 19"	Top Only	29 lbs.	8.75
K22191	19 1/4 x 21 x 13 1/2"	17 1/4 x 19"	Top & Rear	34 lbs.	11.60
K22198	28 x 21 x 13 1/2"	26 1/4 x 19"	Rear Only	69 lbs.	12.90
K22199	36 3/4 x 21 x 13 1/2"	35 x 19"	Rear Only	73 lbs.	14.50

## Hinged Steel Cabinets



Employ full piano-hinged doors, and removable front panels. Modern grille type ventilation provided at the sides and back. Front top corner is rounded. Finished in black ripple enamel. All Less Bases. Wts.: 5, 6, 7, 8, 11, 15 lbs.

No.	H. L. D.	For Chassis	Each
K22072	7 1/4 x 10 1/2 x 8"	5 1/2 x 9 1/2 x 1 1/2"	\$1.60
K22073	7 1/4 x 8 x 8"	7 x 7 x 2"	1.65
K22074	7 1/4 x 10 x 8"	7 x 9 x 2"	1.85
K22075	7 1/4 x 14 x 8"	7 x 13 x 2"	2.10
K22076	9 x 15 x 10 3/4"	10 x 14 x 3"	3.20
K22077	12 x 18 x 12"	10 x 17 x 3"	3.80

## De-Luxe Hinged Steel Cabinets

Attractive streamlined cabinets, with full length piano hinge and removable front panel. Ventilating louvres on sides. Finished in slate gray ripple enamel. All less chassis. Wts. same as above.

No.	H. L. D.	Panel For	Chassis	Each
K22087	8 x 10 x 8"	8 x 8"	7 x 7 x 2"	\$2.05
K22088	8 x 12 x 8"	8 x 10"	7 x 9 x 2"	2.20
K22089	8 x 16 x 8"	8 x 14"	7 x 13 x 2"	2.79
K22090	9 x 17 x 11"	9 x 15"	10 x 14 x 3"	4.40
K22091	12 x 20 x 12"	12 x 18"	10 x 17 x 3"	5.25



## Sloping Front Cabinets

Trimmed with red-stripped chrome moulding, with slate gray ripple finish. Front panel removable. Rear with openings for ventilation, leads, etc. Less chassis.

Stock No.	H. W. D.	For Chassis	Shpg. Wt.	Your Cost
K22092	8 x 8 x 8"	7 x 7 x 2"	6 lbs.	\$2.35
K22093	8 x 10 x 8"	7 x 9 x 2"	7 lbs.	2.50
K22094	8 x 14 x 8"	7 x 13 x 2"	8 lbs.	2.75
K22095	9 x 18 x 8"	7 x 17 x 3"	10 lbs.	3.80
K22096	12 x 18 x 12"	10 x 17 x 3"	14 lbs.	4.70



## Standard Speaker Cabinets



Substantially made from sheet steel, with louvred back cover with slots for wall hanging. Finished in black ripple enamel.

Stock No.	Spkr. Cabinet	Size	Shpg. Wt.	Your Cost
K22140	6"	10 x 10 x 8"	8 lbs.	\$2.20
K22141	8"	12 x 12 x 7"	9 lbs.	2.70
K22142	10"	14 x 14 x 8"	15 lbs.	3.53
K22143	12"	16 x 16 x 8"	20 lbs.	4.70



## Table Racks

1/2" steel with black ripple finish. Mounting holes on 3/4" centers, tapped for 10-32 screws. Both 21" wide and 12" deep. K22102—25" high. Panel space 21 x 19".

Shpg. wt.	Your Cost
33 lbs.	\$3.67
36 lbs.	\$4.85



## 1/16" Steel Chassis With Bottom Cover Plates

For heavy duty use. Formed from one piece of 1/16" steel, with all corners and bottoms re-enforced. Ends drilled to fit standard mounting brackets.

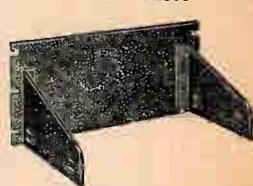
Stock No.	Finish	W. L. D.	Shpg. Wt.	Each
K22155	Black Ripple	8 x 17 x 2"	9 lbs.	\$1.59
K22109	Cadmium Plated	8 x 17 x 2"	9 lbs.	\$1.76
K22229	Black Ripple	8 x 17 x 3"	10 lbs.	\$1.76
K22110	Cadmium Plated	8 x 17 x 3"	10 lbs.	\$1.91
K22231	Black Ripple	11 x 17 x 2"	11 lbs.	\$1.91
K22297	Cadmium Plated	11 x 17 x 2"	11 lbs.	\$2.06
K22156	Black Ripple	11 x 17 x 3"	12 lbs.	\$2.06
K22298	Cadmium Plated	11 x 17 x 3"	12 lbs.	\$2.25
K22230	Black Ripple	13 x 17 x 2"	13 lbs.	\$2.25
K22111	Cadmium Plated	13 x 17 x 2"	13 lbs.	\$2.25
K22232	Black Ripple	13 x 17 x 3"	14 lbs.	\$2.25
K22112	Cadmium Plated	13 x 17 x 3"	14 lbs.	\$2.25

## 1/16" Steel Mtg. Brackets



Stock No.	Size, Base	Per Pair
K15271	8"	\$0.52
K15272	11"	.75
K15269	13"	.95

## Combination Bracket and Panel



These units have many uses in relay rack assemblies. Heavy steel, with black ripple finish. Each assembly will take either 2", 2 1/2" or 3" deep chassis. Will make up a sturdy professional looking assembly. Chassis are not included (see listing above).

## Meter Panels



Stock No.	Holes	Size	Wt.	Each
K22222	3	2"	7 lbs.	\$0.95
K22223	3	2"	6 lbs.	1.38
K22224	3	3"	7 lbs.	.95
K22225	5	3"	6 lbs.	1.44

Stock No.	Panel Size	For Chassis	Shpg. Wt.	Your Cost
K22235	8 3/4 x 19"	8 x 17"	12 lbs.	\$1.45
K22234	8 3/4 x 19"	11 x 17"	14 lbs.	1.70
K22236	12 1/4 x 19"	13 x 17"	16 lbs.	2.20

## Heavy Steel Amateur Rack Panels



Heavy duty 1/2" steel panels for all standard 19" racks. Available with either black ripple finish or with commercial slate gray ripple. These panels don't collect dust—and they don't show finger marks. Available in 12 standard sizes to meet practically any requirement.

Black No.	Gray No.	Ht. In.	Wt. Lbs.	Your Cost	Black No.	Gray No.	Ht. In.	Wt. Lbs.	Your Cost
K22169	K22118	1 3/4"	2	\$0.42	K22163	K22124	12 1/4"	12	\$1.15
K22170	K22119	3 1/2"	5	.50	K22164	K22125	14	13	1.35
K22171	K22120	5 1/2"	7	.62	K22165	K22126	15 3/4"	14	1.50
K22160	K22121	7	8	.65	K22166	K22127	17 1/2"	15	1.70
K22161	K22122	8 3/4"	9	.82	K22167	K22128	19 1/4"	16	1.82
K22162	K22123	10 1/2"	10	.99	K22168	K22129	21	17	2.00

## Steel Channel Racks



Built of 1/2" steel with spot-welded corners. Finished in ripple black. Designed for use with standard 19" long panels and are universally drilled for all standard panels. Base is 16" deep, 20" wide. Holes are tapped for 10-32 screws. Base is braced to insure freedom from wobble and to keep units in alignment. All heights shown below are overall dimensions.

K22158	73 1/4"	high.	Wt. 85 lbs.
Panel space 71 3/4" \$10.70			
Your Cost			
K22151	38 1/4"	high.	Wt. 57 lbs.
Panel space 36 3/4" \$8.70			
Your Cost			

## Enclosed Steel Racks

DeLux type, streamlined. Universally drilled for all standard panels. Stainless steel moulding trimming at top and bottom. Finished in slate gray. (Black ripple available, specify on order). Panel width 19". Models are 22 1/2" wide, 16 1/2" deep. Hinged back. Shipped knocked down with all hardware. With 2 locks on rear door.



Stock No.	Ht. In.	Panel Space	Wt. Lbs.	Your Cost
K22145	42"	36 3/4"	100	\$23.50
K22146	66 1/2"	61 1/4"	150	30.85
K22148	82 1/4"	77"	175	36.75

# RACKS • PANELS • CABINETS

## Ripple Finish Steel Cabinets

Made from sheet steel, spot welded reinforced corners. Covers removable, held in place by self-tapping screws. Finished in black ripple enamel. Stock No. Dimensions Shpg. Wt. Your Cost



## General Utility Steel Cabinets



Can be used for a multitude of radio and other purposes. All are substantially made of sheet steel, with spot welded re-inforced corners. The tops and bottoms are removable; held in place by means of self-tapping screws that are furnished. Finished in attractive black ripple.

- ★ Sheet Steel
- ★ Spot Welded Corners
- ★ Removable Tops, Bottoms

No.	Size	Shpg. Wt.	Each
K22174	5½ x 6 x 5½"	3 lbs.	\$0.68
K22175	5 x 9 x 6"	5 lbs.	1.03
K22173	8 x 10 x 7"	6 lbs.	1.29
K22176	8 x 10 x 10"	7 lbs.	1.59
K22177	11 x 12 x 8"	9 lbs.	1.76

## BLANK METAL CHASSIS BASES

Here's your chance to buy all purpose radio chassis, un-drilled, at unusually low prices. All have re-inforced spot welded corners for extra strength.



Four types: Tern-plate is steel with lead plating; Electralloy is a non-magnetic zinc alloy; also in Cadmium plated steel or black wrinkle finish.

Ternplate Blank Chassis				Cadmium Plated Steel Chassis			
No.	L.W.H.	Wt.	Each	No.	L.W.H.	Wt.	Each
K22225	7x 9x2	3 lbs.	\$0.40	K12807	7x 7x2	3 lbs.	\$0.40
K22226	7x11x2	3 lbs.	.45	K12812	10x12x3	3½ lbs.	.68
K22227	7x13x2	4 lbs.	.50	K12808	10x14x3	4 lbs.	.70
K22228	10x12x3	5 lbs.	.52	K12810	10x17x3	5 lbs.	.83
K22229	10x17x3	6 lbs.	.72	K12811	10x23x3	6 lbs.	.90
K22230	10x23x3	7 lbs.	.82	K12809	12x 6x2½	6 lbs.	.60
Electralloy Blank Chassis				Black Wrinkle Steel Chassis			
No.	L.W.H.	Wt.	Each	No.	L.W.H.	Wt.	Each
K22331	7x 9x2	3 lbs.	.76	K22250	7x 7x2	3 lbs.	\$0.40
K22332	7x11x2	3 lbs.	.93	K22251	7x 9x2	3½ lbs.	.45
K22333	7x13x2	4 lbs.	1.05	K22252	7x13x2	4 lbs.	.57
K22334	10x12x3	5 lbs.	1.12	K22253	10x12x3	5 lbs.	.68
K22335	10x17x3	6 lbs.	1.45	K22254	10x17x3	6 lbs.	.80
K22336	10x23x3	7 lbs.	1.69	K22255	10x23x3	6 lbs.	.90

## Portable Cabinets



Made of sheet steel, reinforced on all edges, securely welded at all joints. Front and back panels removable, held by self-tapping screws that are supplied. Black ripple finish. With carrying handle for portable work.

Stock No.	Dimensions	Shpg. Wt.	Your Cost
K22078	12x7¾x6½"	9	\$1.53
K22079	15x7¾x6½"	11	1.88

Chassis for above, 6½x6½x1½". Shpg. wt. 3 lbs.  
K22085—Your Cost ..... 27¢

## Radio Panels for All Uses

Black hard rubber and Bakelite panels, 3/16" thick — odd sizes cut to order at 1¼ per square inch. Aluminum and electralloy panels, 1/16" thick — odd sizes cut to order at 1c per square inch. 75¢ minimum order.

Size	Bakelite		Hard Rubber		Aluminum		Electralloy	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
7x10	K19600	\$0.78	K19630	\$0.69	K19660	\$0.39	K22310	\$0.40
7x12	K19601	.99	K19631	.82	K19661	.49	K22311	.45
7x14	K19602	1.14	K19632	.98	K19662	.58	K22312	.53
7x18	K19603	1.39	K19633	1.22	K19663	.78	K22314	.65
7x21	K19604	1.58	K19634	1.42	K19665	.83	K22315	.78
7x24	K19605	1.84	K19635	1.58	K19666	.94	K22316	.89
7x30	K19608	2.24	K19638	1.98			K22317	1.10

## MASONITE Radio and Relay Rack Panels

Tempered Masonite, non-magnetic, sturdy yet easily worked with ordinary woodworking tools. All panels 3/4" thick, finished in Black Ripple. Relay Rack panels have amateur Standard notching.

Stock No.	Rack Panels	Ea.	Stock No.	Radio Panels	Ea.
K22277	7 x 19"	61c	K22280	7x10"	32c
K22284	8¾x19"	73c	K22281	7x12"	38c
K22285	10½x19"	85c	K22282	7x14"	44c
K22286	12¼x19"	97c	K22283	7x18"	59c

## Metal Radio Panels

Made of 1/16" steel with black ripple finish. For all radio work.

No.	Size	Shpg. Wt.	Each
K22218	7x10"	2 lbs.	32c
K22219	7x12"	2 lbs.	38c
K22220	7x14"	3 lbs.	44c
K22221	7x18"	4 lbs.	59c

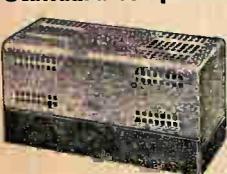
- ★ 1/16" Thick Steel
- ★ Black Ripple Finish

## 19" Grille Panels

Door panels have 15¾" L. doors. Grille on plain panels 14¾" L. Shpg. wt. 8 lbs. each.

Door		Grille		Grille		Each	
Gray	Black	Panel Ht.	Panel Size	Gray	Black		
K22287	K22289	6"	3.38	10½"	K22291	8¾"	\$2.50
				10½"	K22292	5¾"	2.20
K22288	K22290	7½"	3.80	12¼"	K22293	7¾"	2.65

## Standard Amplifier Foundation



ripple. Covers are 6" deep and slate gray, presenting a contrasting two-tone effect. Chassis are drilled for bottom plates, not supplied.

Stock No.	Size	Shpg. Wt.	Your Cost
K22132	5x10x3"	9 lbs.	\$1.50
K22133	6x14x3"	10 lbs.	1.75
K22135	7x17x3"	11 lbs.	2.20
K22136	10x12x3"	11 lbs.	2.20
K22137	10x17x3"	13 lbs.	2.65
K22144	13x17x3"	16 lbs.	3.99

## DeLuxe Amplifier Chassis

Chassis is of one-piece cold rolled steel, with reinforced corners. Finished in rippled black; cover in slate gray with polished striped chromium molding and red striped chromium handles. All covers 6" deep. Chassis drilled for bottom covers (not supplied).



Stock No.	Size	Shpg. Wt.	Each
K22183	5x10x3"	9 lbs.	\$2.35
K22184	6x14x3"	10 lbs.	2.79
K22185	7x17x3"	11 lbs.	3.23
K22186	10x12x3"	11 lbs.	3.23
K22187	10x17x3"	13 lbs.	3.82
K22172	13x17x3"	16 lbs.	4.41

## Streamlined De Luxe Foundation

### Chassis

Ultra-modern amplifier chassis, with sloping front panel. Grey ripple finish, with red striped chrome trimmings and handles. Front is removable and protrudes 3" from removable cover. With bottom plate.



Stock No.	Chassis Size	Screen Cover	Shpg. Wt.	Your Cost
K22270	10x12x3"	6½" high	12 lbs.	\$4.40
K22271	10x17x3"	6½" high	14 lbs.	5.10
K22272	13x17x3"	6½" high	18 lbs.	5.70

## Sheet Metal Hole Punch

Constructed of fine hardened tool steel, consists of two units, punch proper and an anvil for punching holes. Saves time for set builder, experimenter. Cuts a clean hole. Shpg. wt. 2 lbs.



Stock No.	Hole	Each
K15291	3/8"	\$1.67
K15292	1/2"	
K15288	5/8"	
K15289	1 1/8"	
K15293	1 1/2"	
K15294	1 3/4"	
K15295	2"	

## New Socket Punch

Simple and speedy tool for punching holes in chassis. No hammering; a few turns of the cap screw quickly punches a clean, smooth hole. Precision made of oil-hardened tool-steel. Shpg. wt. 2 lbs.



Stock No.	Dia.	Each
K15244	3/8"	\$1.37
K15245	1/2"	
K15246	5/8"	\$1.64
K15247	1 1/8"	
K15248	1 1/2"	
K15249	1 3/4"	
K15250	2"	

## Shearing Punch

Cuts any size odd shape hole (square, rectangular, hexagon, etc.) on any size panel or chassis. Only hammer is necessary. Can be used in a punch press. Wt. 5 lbs.



K15067—Each..... \$5.58

# ★ Belden ★ THE WORLD'S FINEST RADIO and ELECTRICAL WIRE ★

## Belden Super-Quality Hook-Up Wire

The BELDEN line of hook-up wire has long been famous for its fine quality, factor of safety and high-voltage resistant insulating materials. A real aid for perfect servicing.

### Hi-Volt Push-Back



Latest type insulation with a high puncture voltage rating (6900 volts), yet insulation slips very easily. No. 20 tinned copper, cotton wrap, .010" rubber wall "basket-weave" lacquered rayon braid over all. Colors: green, blue, red, yellow, black. Specify color when ordering.

K16258—25-ft. spool*.....	18c
K16261—25-ft. spool*.....	20c
K16259—100-ft. spool*.....	54c
K16262—100-ft. spool*.....	60c

\* Solid. † Stranded.

### R-F Hook-Up Wire

An absolute necessity in wiring R.F. circuits where insulation resistance is a factor. Insulation resistance is 96,000 megohms as against 9 megs. in ordinary hook-up, almost 10,000 times as high. No. 20 tinned copper with two specially treated cellulose acetate braids. Wound on heavy metal spool. Colors: green, blue, black, red and yellow. Specify color when ordering.

K16245—25-ft. spool*.....	26c
K16246—25-ft. spool*.....	27c
K16247—100-ft. spool*.....	80c
K16248—100-ft. spool*.....	85c

\* Solid. † Stranded.

### Rubber Covered Hook-Up



No. 20 Stranded Tinned Copper, insulated with .025" Belden color-rubber. Waxed. 25-ft. spools available in green, blue, red, black, yellow. Specify color.

K16290—25-ft. spool.....	15c
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Your Cost

### Rayon Push-Back

No. 20 tinned copper, heavy wrap cellulose acetate, "basket-weave" abrasion-proof lacquered rayon braid. Colors: green, blue, red, yellow, black. Specify color.

K16066—25-ft. spool*.....	17c
K16068—25-ft. spool*.....	18c
K16080—100-ft. spool*.....	50c
K16081—100-ft. spool*.....	59c
K16067—1000-ft. spool*.....	\$4.55
K16069—1000-ft. spool*.....	\$5.25

Following in red or black only. Similar to above; No. 14 gauge.

K16158—25-ft. spool*.....	30c
K16082—100-ft. spool*.....	\$1.07

\* Solid. † Stranded.

### Shielded Hook-Up Wire

No. 20 hook-up wire with closely woven tinned copper shielding over a 1/4" rubber wall with rayon braid under shield. O.D. .120".

K16294—Per Ft.....	2c
Per 100-Ft.....	\$1.45

### Double Braid Push-Back

For filament, plate, screen rectifier and "B" supply circuits. No. 20 tinned copper, double braid, waxed. Colors: green, yellow, red, blue, black. Specify color when ordering.

K16268—25-ft. coil*.....	12c
K16269—25-ft. coil*.....	14c

Following lengths supplied in red or black only.

K16270—1000 ft. spool*.....	\$4.34
K16271—1000-ft. spool*.....	\$4.87

\* Solid. † Stranded.

### Television Hook-Up Wire



No. 18 stranded e covered with special white rubber compound (O.D. .200") with Pyroglaze seal and Fiberglass braid. Puncture voltage 15,000. Adequate protection against corona and heat. For all H.V. circuits.

K16267—Per Ft.....	6c
25 Ft. for.....	\$1.35

### Indoor Aerial Wire



Extra flexible No. 23 (20x36) double wrap of brown cotton. Belden No. 8015. On card.

K16124—18-ft.....	7 1/2c
K16127—1000-ft. spool.....	\$2.35

### 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. 6 lbs. per 100 ft.

K16223—100 Ft. for \$3.23	4c
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Your Cost per Foot

No. 14 gauge. .027" rubber wall. (19x27). 100 Ft. for \$2.65	3c
K16218—Your Cost per Ft.	3c
No. 16 gauge. .022" rubber wall. (19x29). 100 ft. for \$2.21	3c
K16219—Your Cost per Ft.	3c

### Non-Kinking Aerial Wire

For use on AC-DC receivers. No. 23 (20x36). A wrap and a braid of brown cotton. On card. Belden No. 8014.

K16128—25-ft.....	13c
K16132—1000-ft. spool.....	\$4.05

### Shielded Auto-Radio Lead-in Wire



Special cable for auto radios. No. 20 stranded conductor (10x30 tinned) with special low capacity rubber and shielding overall. Maximum capacity between conductor and shield 33 mmfd. Overall diam. .225".

K29883—Per Foot.....	3 1/2c
100 Ft. for.....	\$2.86

Same as above, but with rubber sheath overall. .290" diam.

K20884—Per Foot.....	5c
100 Ft. for.....	\$4.04

### Belden Litz Wire

For rewinding antenna primaries and for hand wound amateur r.f. coils up to 30 Mc.

K16144—100-ft. spool 7x41 Beldenamel.....	22c
K16143—100-ft. spool 10x41 Beldenamel.....	24c

### Test Prod Lead Wire



Extra flexible No. 18 wire (65x46) tinned copper. Colored wrap. 3/4" rubber wall. Two 7 ft. lengths red and black (14-ft. total) parallel wound on spool.

K16336—2-7 ft. lengths.....	23c
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Your Cost Per Spool

K16337—Red or Black (Specify). Your Cost per 100 Feet.....	\$1.10
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### NOTE: Complete listing of Belden wire products for public address and amplifier use will be found on page 95.

### Beldenamel Aerial Wire



Finest grade copper, heavily enameled. The 1000 ft. length is wound on a steel spool. Shpg. wt. per 100 ft., 3 lbs.

K16232—7x20 Beldenamel. Suited for short-wave aerial systems. 100 Ft. Your Cost.....	95c
K16229—7x22 Beldenamel. 75 Ft. Your Cost.....	43c
1000 Ft. Your Cost.....	\$5.61

### Solid Beldenamel

K16230—No. 12. 100 Ft. Your Cost.....	68c
500 Ft. Your Cost.....	\$3.35
K16231—No. 14. 100 Ft. Your Cost.....	47c

### ALL-RUBBER LEAD-IN WIRE



Easy stripping—easy soldering. All made of 7 strands tinned copper wire with thick rubber sheath; .031" on 20; .040" on others. Shpg. wt. 3 lbs. per 100 ft.

Stock No.	Belden No.	Wire Gauge	Lgth. Feet	Your Cost
K16224A	8213*	20	500	\$1.50
K16224B	8213	20	1000	2.86
K16227A	8200†	18	100	.40
K16227B	8200	18	500	1.82
K16226A	8201†	16	50	.29
K16226B	8211	16	100	.50
K16226C	8201	16	500	2.38

Diam.—.100" †.129" †.140"

### Hookup Wire Kits



Combination packed in transparent dust-proof container includes four 25-ft. coils Rayon Braid cellulose acetate Push-Back wire. Colors: black, red, green, yellow.

K16212—Four 25-ft. coils No. 20 solid, in container. Your Cost.....	67c
1000-ft. Your Cost.....	73c

### F.M. AND TELEVISION LINE CABLES

#### 100 Ohm Twisted Pair With Copper Shield



For Television or F.M. No. 18 stranded tinned, celanese braid, rubber covered, color coded, twisted pair with fillers, celanese wrap, tinned copper shield, cotton wrap, rubber sheath. O.D. .350". DB loss per 100-ft.: at 10 Mc. 1.36; at 40 Mc. 6.1; at 100 Mc. 14.53.

K20934—Per Foot.....	9c
100 ft.....	\$7.76

Similar to above but without copper shield. O.D. .270". DB loss per 100 ft.: 1.39 at 10 Mc.; 5.8 at 40 Mc.; 13.19 at 100 Mc.

K20935—Per Foot.....	6c
100 ft.....	\$4.20

#### 72 Ohm Coaxial Cable



Will meet the requirement for all frequencies in the audio to and including the television or f.m. range. For use as antenna receiving or transmitting cables; also for photoelectric or other circuits where characteristics fit the application. DB loss per 100-ft.: 1.03 at 10 Mc.; 2.24 at 40 Mc.; 3.78 at 100 Mc. Capacity between conductors per ft.: 26.3 mmf. at 10000 kc; 25.9 mmf. at 40000 kc; 25.5 mmf. at 100000 kc. No. 15 solid tinned, low loss rubber compound tinned copper shield, tough vulcanized rubber sheath, .435" O.D.

K20936—Per Ft.....	9c
Per 50 Ft.....	\$3.82

### TRANSMISSION LINE CABLE



#### Shielded Twisted Pair

18 stranded, rubber and paper wrap, tinned copper shield over twisted pair—weatherproof overall White braid. Ideal where interference is great.

K16161—75-ft. coil.....	\$2.13
K16162—500-ft. spool.....	\$14.70

#### Impedance Matching Cable

No. 18 stranded, rubber covered cotton, twisted pair, weatherproof overall White cotton braid. For all-wave jobs. 72 ohm impedance matching half-wave dipole aeriels.

K16172—75-ft. coil.....	\$1.13
K16174—500-ft. spool.....	\$7.31

"HAM" EOI Type Cable

12 solid cellophane wrap. .035" rubber, twisted pair, weatherproof overall cotton braid. Carries up to 2000 watts.

K20887—Per Ft.....	3 1/2c
Per 100 Ft.....	\$3.23

#### Replacement Cords



Extra flexible all-rubber cord. Rubber plug at end. Other end stripped and tinned. Excellent for replacement use. All are underwriters approved.

K16307—7 1/2-ft. Brown.....	17c
K16309—12-ft. Brown.....	22c

Vacuum Cleaner Cord. 25-ft. long. Rubber covered; 18 gauge.

K16305—Your Cost.....	65c
-----------------------	-----

#### Extension Cords



Have unbreakable two-way soft rubber tap and all-rubber molded plug. Extra flexible cord. Fully Underwriters Approved.

Ivory Brown Length Each	
K16300 K16301 6 ft.	36c
K16302 K16303 10 ft.	39c

We Will Not Knowingly Be Undersold



# HOOK-UP and MAGNET WIRE



## Lacquered Hookup Wire

Rubber insulated with lacquered braid overall. Strands tinned. Easily soldered and worked.  
**K16344**—100-ft. coil **28¢**  
 Your Cost  
**K16345**—250-ft. coil **67¢**  
 Your Cost

## 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, **29¢**  
 Per Coil

**100-Foot Coils**  
**K16348**—Black **K16346**—Red  
 Your Cost, **\$1.02**  
 Per Coil

## Push Back WIRE

### Solid Tinned Copper Core Type

No stripping is necessary. Just push back the double cotton-covered moisture-proofed braid. No. 20 wire. Four colors for circuit identification. Weight 2 lbs. per 100 feet.



**25-Foot Coils**  
**K16350**—Red **K16352**—Black  
**K16351**—Green **K16353**—Yellow  
 Your Cost (10 For 99¢), **11¢**  
 Per Coil

**50-Foot Coils**  
**K16358**—Red **K16360**—Black  
**K16359**—Green **K16361**—Yellow  
 Your Cost (10 For \$1.85), **20¢**  
 Per Coil

**100-Foot Coils**  
**K16366**—Red **K16368**—Black  
**K16367**—Green **K16369**—Yellow  
 Your Cost (10 For \$3.45), **36¢**  
 Per Coil

**1000-Foot Spools**  
**K16374**—Red **K16376**—Black  
**K16375**—Green **K16377**—Yellow  
 Your Cost, Per Spool **\$3.45**

### Stranded Tinned Copper Core Type

Very flexible wire of multi-strand tinned copper; equivalent to No. 20. Cotton braid pushes back easily. Available in 4 colors. Weight, 2 lbs. per 100 feet.

**25-Foot Coils**  
**K16354**—Red **K16356**—Black  
**K16355**—Green **K16357**—Yellow  
 Your Cost (10 For \$1.05) **12¢**  
 Per Coil

**50-Foot Coils**  
**K16362**—Red **K16364**—Black  
**K16363**—Green **K16365**—Yellow  
 Your Cost (10 For \$2.05), **22¢**  
 Per Coil

**100-Foot Coils**  
**K16370**—Red **K16372**—Black  
**K16371**—Green **K16373**—Yellow  
 Your Cost (10 For \$3.95), **41¢**  
 Per Coil

**1000-Foot Spools**  
**K16378**—Red **K16380**—Black  
**K16379**—Green **K16381**—Yellow  
 Your Cost, Per Spool **\$3.90**

## Colored Rubber Wire

Stranded and tinned 20 gauge copper wire covered with a live rubber compound. Very flexible; easy to strip. Solders instantly. Available in three colors.



**25-Foot Coils**  
**K16272**—Red **Your Cost Each**  
**K16273**—Black **13¢** **5 For**  
**K16274**—Green **57¢**

**1000-Foot Spools**  
**K16108**—Red **Your Cost Each**  
**K16109**—Black **\$3.35**  
**K16110**—Green

**No. 16 RUBBER COVERED**  
**K16280**—Black **K16281**—Red  
 50 Ft. 100 Ft. 500 Ft.  
 Your Cost 34¢ 66¢ \$3.15

**Stranded No. 14 Gauge**  
**K16121**—Black **K16120**—Red  
 25 Ft. 50 Ft. 100 Ft.  
 Your Cost 38¢ 60¢ \$1.15

**Stranded No. 12 Gauge**  
**K16122**—Black **K16123**—Red  
 25 Ft. 50 Ft. 100 Ft.  
 Your Cost 48¢ 90¢ \$1.7

## RESISTANCE WIRE ON HANDY SIZE SPOOLS

High grade resistance wire in small quantities for use in highly sensitive instruments where accurately determined resistance values, secured through the employment of a high grade alloy wire, are necessary.

Wire Gauge	Ohms Per Ft.	ENAMELED		BARE		Your Cost Each, Any Spool
		Stock No.	Ft. In. Spool	Stock No.	Ft. In. Spool	
14	.04603	K16600	20	K16614	24	<b>29¢</b> 10 Ass't. Spools for \$2.50
16	.07318	K16601	31	K16615	38	
18	.1164	K16602	40	K16616	46	
20	.1850	K16603	57	K16617	81	
22	.2941	K16604	77	K16618	126	
24	.4678	K16605	104	K16619	190	
26	.7438	K16606	141	K16620	277	
28	1.183	K16607	160	K16621	399	
30	1.879	K16608	182	K16622	560	
32	2.990	K16609	205	K16623	765	
34	4.756	K16610	230	K16624	1092	
36	7.560	K16611	253	K16625	1482	
38	12.02	K16612	279	K16626	1881	
40	19.11	K16613	309	K16627	2308	

## HIGH GRADE MAGNET WIRE ON HANDY SIZE SPOOLS

Economic sized spools of high grade magnet wire for those desiring less than 1/4 lb. All spools are plainly marked with the length of wire contained on the spool as well as the size. Available in double cotton, double silk and enameled insulation.

Gauge No.	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	26	<b>13¢</b> 10 Ass't. Spools for \$1.20
16	K16501	33	K16515	25	K16529	40	
18	K16502	42	K16516	31	K16530	48	
20	K16503	60	K16517	42	K16531	86	
22	K16504	81	K16518	60	K16532	133	
24	K16505	110	K16519	83	K16533	200	
26	K16506	148	K16520	101	K16534	292	
28	K16507	168	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	

## RESISTANCE WIRE

Three standard sizes furnished on one spool, to take care of all repair work. 100 ft. uncoiled, 10 ft. coiled, and 50 ft. of ribbon. Shpg. wt. 3 lbs. **\$2.20**  
**K13226**—Your Cost.

## 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**—Your Cost **25¢**

## GIANT SLEEVING

1/4" inside diameter, 36" long. Black, saturated cloth impregnated with high-grade oil varnish.  
**K15956**—10 For **\$1.25**  
 Per Length **15¢**

NOTE: Wire prices are affected by conditions of metal markets, therefore all wire prices are subject to change without notice.

## FINEST GRADE MAGNET WIRE



### PLAIN ENAMELED

Stock No.	Size B&S	Ft. Per Lb.	Your Cost Per Lb.
K20950	16	125	16¢
K20951	18	202	17¢
K20952	20	319	18¢
K20953	22	506	19¢
K20954	24	804	19¢
K20955	26	1240	20¢
K20956	28	2030	21¢
K20957	30	3220	22¢
K20958	32	5100	23¢
K20959	34	8080	28¢
K20960	36	12800	37¢
K20961	38	20300	48¢

### Double Silk Covered

Stock No.	Size B&S	Ft. Per Lb.	Your Cost Per Lb.
K20962	18	199	\$0.22
K20963	20	314	.23
K20964	22	494	.25
K20965	24	778	.27
K20966	26	1220	.31
K20967	28	1910	.37
K20968	30	2960	.46
K20969	32	4570	.62
K20970	34	6980	.89
K20971	36	10500	1.17

### DOUBLE COTTON

Stock No.	Size B&S	Ft. Per Lb.	Your Cost Per Lb.
K20973	16	122	\$0.18
K20974	18	192	.19
K20975	20	298	.20
K20976	22	464	.23
K20977	24	711	.27
K20978	26	1080	.29
K20979	28	1630	.34
K20980	30	2420	.40
K20981	32	3500	.48
K20982	34	4920	.58
K20983	36	6660	.66

## Silk-Covered Litz Wire

Has lower skin resistance than any other wire. Ideal for i.f., r.f. coils, loop aeriels, etc.  
**K16102**—100-ft. coil **12¢**  
**K16153**—1000-ft. coil **90¢**  
 Your Cost

## BATTERY CABLE



A high grade, heavily insulated cable with each lead a different color for easy identification.

Stock No.	Wires	Per Ft.	Per 100 Ft.
K16089	3	2c	\$1.90
K16090	4	2 1/2c	2.45
K16091	5	3 1/2c	3.10
K16092	6	4c	3.50
K16093	7	4 1/2c	3.85
K16094	8	5c	4.85
K16095	9	6c	5.50
K16096	10	7c	6.50

## BELL WIRE

An excellent grade of No. 18.  
**K16338**—1/2 lb. roll **Your Cost**  
**K16051**—25 ft. roll **Your Cost**  
**7¢**



# Fixture Wire and Accessories

## Cotton Twisted Pair



18 Gauge, 1/4" R.C. wire with a cotton covering offered at prices below market. 2 colors—white or yellow and green mixture. Specify color.  
**K20902—Your Cost**  
 100 Ft. 250 Ft. 1000 Ft.  
**\$89¢ \$2.15 \$8.25**

## Heavy Twisted Pair

Standard 1/4" rubber wall, 14 gauge. Finest wire obtainable for jobs that call for a wire of large current carrying capacity. Shpg. wt. 5 lbs. per 100 ft.  
**K20899—**  
**Your Cost, Per Foot. 2 1/2¢**  
 Per 100 Feet..... \$2.15

## WIND CHARGER WIRE



For windchargers and farm power plants. Triple cotton-covered copper wire, thoroughly impregnated.  

Stock No.	Gauge	Per Ft.	Per 100 Ft.
K20871	12	3¢	\$2.65
K20872	10	3 1/2¢	3.10
K20873	8	5¢	4.50
K20874	6	5 1/2¢	5.25

## Parallel Lamp Cord All Rubber



The two conductors are sheathed in a coating of tough live rubber. A ridge between these conductors allows them to be easily separated without fear of ruining the insulation. In Black, 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¢ \$1.10 \$5.10**

## 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. 2 1/2¢ 1.90**  
**K20857—3-Cond. 4¢ 3.60**

## Heavy Rubber Cord



The thick belt of flexible rubber that covers the conductor is made of smooth oil-resisting, abrasion proof, high quality rubber.  

Stock No.	Size	Per Ft.	Per 100 Ft.
K20945	18—2-wire	2 1/2¢	\$2.19
K20946	16—2-wire	4¢	3.75
K20947	14—2-wire	7¢	6.40
K20948	18—3-wire	3 1/2¢	2.95

## Asbestos Heater Cord



Heavy asbestos covered wire with an overall braid of tightly woven rayon. Used on toasters, electric irons, heating pads, etc.  
**K20931—Your Cost:**  
 Per Ft. 100 Ft. 500 Ft.  
 1 1/2¢ \$1.25 \$5.95

## 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. \$3.90  
**20 Gauge—1/4" Wall**  
**K20839—Maroon K20841—Brown**  
**K20840—Old Gold**  
**Your Cost, 25 Feet..... 22¢**  
 100 Ft. .69¢ 500 Ft. \$3.20

## Telephone Wire



Great use in general work, especially for inter-communication phones in private homes. No. 19 Gauge.

**2-Conductor**  
**K20895—100 Ft. 500 Ft. 1000 Ft.**  
**Your Cost \$1.70 \$8.10 \$15.40**  
**3-Conductor**  
**K20896—**  
**Your Cost \$2.15 \$10.15 \$19.40**

## Plug Fuses

High quality house fuses. Have crystal mica windows for easy inspection. All are plainly marked.



K13200—6 A.	K13203—20 A.
K13201—10 A.	K13204—30 A.
K13202—15 A.	

**Your Cost Each..... 4¢**  
 5 For..... 15¢

## Flatiron Element

Fits over 90% of the standard irons, including G. E. Hot Point, Sunbeam, etc.  
**K13270—Each. 19¢**  
 10 For..... \$1.70

## Heater Elements

Best grade resistance wire with standard base to fit all heaters.  

No.	Shape	Each	10 For
K13304	Cone	2¢	\$1.83
K13305	Straight	27¢	2.50

## Nickel Chrome Element

600 Watt spiral wound elements. Exact size.  
**K13317—1/2" dia. Ea. 7¢**  
**K13318—3/8" dia. Ea. 11¢**

## Power Cord and Plug



Attractive, hi-quality 5 1/2-foot cord with sturdy plug. For replacement on sets, appliances, etc.  
**K13235—Your Cost..... 10¢**

## AMPHENOL Miniature Power Plugs

Small connectors for appliances, P.A. installations, etc. 15A-115 V.  
**CABLE TYPE (A & B)**  

No.	Description
K11611	Receptacle (B)
K11612	Standard Plug
K11613	Polarized Plug

**Your Cost, Any 24¢**  
 Above, Each.....  
**FLUSH TYPE (C)**  

No.	Description
K11614	Receptacle
K11615	Standard Plug
K11616	Polarized Plug

**Your Cost, Any Type Above..... 24¢**

## Feed-Thru Switch



Bakelite. Compact and very sturdy.  
**K13275—13¢**  
 10 For..... \$1.10

## Push Button

Pearl button. General purpose.  
**K12830—Each. 10¢**  
 12 For..... \$1.10



## Soft Rubber Handle Plug

Handle plug made of soft rubber. Cannot crack or break. For all appliances.  
**K13301—**  
**10 For 35¢**  
**Your Cost Each. 4¢**



## Bakelite Handle Plug

Genuine Bakelite with handle grip. Prevents pulling out wires. Sturdy prongs.  
**K13326—Each..... 3¢**  
 25 For..... 70¢  
 Same as the above, but without the handle grip.  
**K13306—Each..... 2¢**  
 12 For..... 20¢ Per 100... \$1.40



## Rubber Cord Connector

All rubber. Takes standard male plug. 1 1/4" diameter.  
**K13300—**  
**Each..... 12¢**  
 10 For..... \$1.10



## With Handle Grip

Same as above, but with rubber handle grip. 2 1/4" long.  
**K13299—Each..... 14¢**  
 10 For..... \$1.25

## Bakelite Outlet

Made of brown Bakelite. Screws into the baseboard. Easy to use and install. 10 For..... 70¢  
**K13312—**  
**Your Cost Each..... 8¢**



## Cube Tap

Bakelite. Three outlets from 1 plug.  
**K13282—**  
**Your Cost..... 5¢**  
 Each..... 50¢  
 12 For.....



## Current Tap

Straight socket combined with two cap outlets.  
**K13278—**  
**Your Cost Each..... 8¢**  
 10 For..... 70¢



## AMPHENOL Receptacles and Plugs



Molded black bakelite insulation. 2-pole receptacles have one elongated hole and can be used with both the standard type of plug and the polarized type having one 1/4" and one 3/16" blade. 3-pole receptacles are for use with 3 pole plugs. Underwriters ratings: 15A-125V. or 10A-250V.  
**Dimensions:** (A) hole—1.172", (B) Mtg. ctrs.—1 1/2 to 1 3/4", (C) hole—1 3/4", Mtg. ctrs.—1 3/4", (D) diam.—2 1/4", height—1 1/2", (E) hole—1 1/4", Mtg. ctrs.—1 1/2", height—1 1/4".  
**PLAIN (A)**  

No.	Poles	Type	Each
K11502	2	Receptacle	15¢
K11503	2	Standard Plug	
K11624	2	Polarized Plug	
K11625	3	Receptacle	21¢
K11626	3	Polarized Plug	

**WITH PLATE (B)**  

No.	Poles	Type	Each
K11500	2	Receptacle	16¢
K11501	2	Standard Plug	
K11627	2	Polarized Plug	

**FLUSH (C)**  

No.	Poles	Type	Each
K11504	2	Receptacle	24¢
K11505	2	Standard Plug	
K11635	2	Polarized Plug	

**SURFACE TYPE (D)**  

No.	Poles	Type	Each
K11637	2	Receptacle	21¢
K11638	2	Standard Plug	
K11639	2	Polarized Plug	

**CABINET TYPE (E)**  

No.	Poles	Type	Each
K11645	2	Receptacle.....	27¢
K11646	3	Receptacle.....	33¢

## AMPHENOL Shielded Plugs

Fully shielded cable type 2 pole plugs and receptacles. Take up to 3/2" cables. Dia. 1 1/8". Unbreakable metal caps.  
**WITH CLAMP (A)**  

No.	Description
K11546	Receptacle
K11547	Standard Plug
K11647	Polarized Plug

**Your Cost, Any Above, Each..... 24¢**  
**SIDE OUTLET (B)**  

No.	Description
K11548	Receptacle
K11549	Standard Plug
K11650	Polarized Plug

**Your Cost, Any Above, Each..... 21¢**  
**END OUTLET (C)**  

No.	Description
K11651	Receptacle
K11652	Standard Plug
K11653	Polarized Plug

**Your Cost, Any Above, Each..... 21¢**

# AERIAL ACCESSORIES

## Plated Ground Rods



Used wherever a pipe ground is not available. Heavy steel yoke for 1/2, 3/4" cadmium plated steel.

No.	Feet	Each	Per 10
K17187	4	28c	\$2.65
K17188	6	38c	3.60

## Lead-in Strip



Copper core with water-proofed lacquer webbing. 12" long. Has screw terminals. **Black.** K17100—10 For 40c. **Each** 5c  
Like above, but **white** finish and zinc core. K17103—Your Cost Each... 6c  
10 For..... 50c

## Doublet Lead-in Strip

Consists of two strips covered by heavy cotton weather-proof braid. Bakelite bar holds strips parallel. K16952—Your Cost Each... 8c  
Per 10..... 72c

**Single 1 1/2" Lead-In Strip**  
K17101—10 For 23c  
Your Cost Each... 3c

## Moulding Clips

Used for fastening wires to baseboard or other mouldings. Makes a quick and neat wiring job. Holds wire securely—no tools necessary. K15962—Ivory 10 For 7c  
K15963—Brown } .....

## Tacks

Standard upholstery tacks, 5/8" long. 100 For K15957—White } 15c  
K15961—Brown } .....

## Transmission Cable



Consists of twisted rubber-covered conductors covered by a black weather-proof cotton outer braid. Shpg. wt. (100 ft.), 4 lbs. K17152—100 ft. coil. 89c  
Your Cost.....  
K17184—500-ft. coil. \$4.20  
Your Cost.....

## No. 18 Lead-in Wire



Solid tinned copper. 3/4" rubber covered easy-strip insulation. For lead-ins, ground leads or aeri-als. Shpg. wt. 2 lbs. per 100 ft. Specify length when ordering. K16200—25 Ft. 50 ft. 100 Ft. Single Coil 10c 19c 85c  
Lots of 10 95c \$1.80 \$3.30

K16217—1000-ft. spool \$3.30  
Your Cost.....

## Shielded Lead-In and Hook-Up Wire



A 10-strand wire covered with live rubber, a lacquered cotton braid and a woven, tinned shield. K16240—Per Ft. 50 Ft. 100 Ft. Your Cost 1c 45c 85c

## Copper Aerial Wire

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	13c	\$1.20	\$2.75
K16042	7/24	20c	1.90	4.50
K16043	7/22	29c	2.80	6.75

### Bare Stranded—100 Ft. Coils

K16113	7/26	19c	1.79	4.25
K16114	7/24	27c	2.60	6.25
K16115	7/22	39c	3.75	9.00

### Enameled Stranded—75 Ft. Coils

K16044	7/24	27c	2.60	6.25
K16045	7/22	37c	3.50	8.50

### Enameled Stranded—100 Ft. Coils

K16116	7/24	36c	3.50	8.50
K16117	7/22	53c	4.98	12.25

### Solid Enameled—100 Ft. Coils

K16118	No. 14	42c	4.10	10.00
K16119	No. 12	61c	6.00	14.75
K16129	No. 10	94c	Per Ft.	1 1/2c

## Indoor Antenna Wire

Multi-strand flexible copper wire covered by a brown mercerized cotton braid. For indoor or a.c.-d.c. antenna use. 25-ft. hank. K16155—Your Cost..... 10c  
K16167—100 ft. Coil..... 37c

## TACO Power Antenna



Picks up radio signals from the power line, filters them, and matches them to the radio set. Can be mounted in the cabinet. Eliminates external ant. and gnd. K16468—Your Cost..... \$1.18

## Windo-Pole Aerial

Consists of two steel sections totaling 8 feet in length. Mounts on any window sill by means of the steel clamp. Requires no wires, or roof work. Insulated lead-in strip included. K16250—Your Cost..... \$1.15



## Glass Insulators



Special tempered glass, unaffected by heat or cold. High tensile strength. Ridged. K16849—2 1/2" long. Your Cost Each..... 2c  
Lots of 100..... \$1.60  
K16850—3" long. Your Cost Each..... 2 1/2c  
10 For 19c 100 For \$1.80  
K16851—3 3/4" long. Your Cost Each..... 5c

## Aerial Insulators



Dependable glazed porcelain insulators. "A" is screw in type for holding lead-ins or grounds off-walls; "B" is standard nail-knob; "C" is strain insulator.

Stock No.	Type	Size	Each	10 For	104 For
K16972	A	3"	2c	17c	\$1.60
K16986	A	7"	3c	26c	2.45
K16977	B	3"	2c	18c	1.64
K16802	C	2 1/2"	2 1/2c	19c	1.88

## Universal Coupler

With B.C.-S.W. Change-Over Switch For ALL BANDS



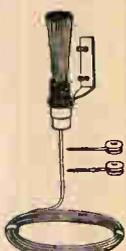
Coupler correctly matches the impedance of the antenna to the input impedance of the receiver. Housed in an alloy can. With instructions. K17078—Your Cost Each..... 49c

## RCA Magic Wave Antenna Coupler

For use with all types of antennas, standard, doublet or vertical rod. Reduces noise on all bands. May be adapted to existing aeri-als. Connects to end of single wire antenna. Built-in lightning arrester. Wt. 2 lbs. No. 9849. \$1.15  
K16791—Your Cost.....



## All-Direction Aerial



Distance with greater volume. Installed in a few minutes—no poles to erect. Battery of heavy 9" wires flared out to point in all directions. More stations on short waves and broadcasts. With hardware and 50 ft. stranded lead-in. K16475—Your Cost \$1.95

## "QUICK-UP" Aerial

Low resistance wire mounted on adhesive tape. Mounted and concealed anywhere without tacks. K16164—Your Cost..... 35c



## Aerial Eliminator



Connects to any type of receiver and improves reception. Tunes antenna; helps eliminate interfering stations. Shpg. wt. 2 lbs. K12678—Your Cost..... 59c

## Aerial Eliminator



Easy to install; just plug into power receptacle and connect aerial and ground wires to marked posts. K17184—Your Cost Each..... 33c

## Strain Insulator

A 1 1/2" strain insulator loaded in compression for greater tensile strength. K17175—10 For 20c Your Cost Each..... 3c



## Wall Insulator

For supporting wiring or apparatus. Glazed, ridged porcelain; 2 1/2" high. Plated nut and screw. K16735—Each..... 9c  
Your Cost for 10..... 84c

## Porcelain Arrester



Housed in brown glazed porcelain; approved. With brass screw terminals. 1x1 3/4"x3 1/4" overall. K16753—Your Cost Each..... 7c  
10 For 62c 100 For \$6.10

## 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 Ea. 24c

## Large Stand-off

Extra-heavy glazed porcelain. Ribbed body for increased surface. 4" long. Hole for wire. K16800—Ea. 10c  
Lots of 10..... 90c

## BRACH "Vis-o-Glow" NEON Arrester



Uses a NEON TUBE instead of an air-gap or resistance. Fully Underwriters Approved. Shpg. wt. 1 lb. K16700—Your Cost..... 59c  
DUPLIX TYPE: Same as above, but for use with sets having doublet antennas. 10 For \$7.50  
K16701—Your Cost..... 78c

## Arrester for Doublets

An approved arrester for the doublet type of antenna. Air-gap type, insulated from ground. Glazed porcelain case. 10 For \$1.40  
K16959—Your Cost Ea. 17c

# ALL WAVE AERIAL KITS

## RCA Magic-Wave Antenna System



Operates 1 to 16 radios from one antenna. Easy to install—no doublets or critical transmission line lengths. Line can be up to 500 ft. long. Antenna length 20 to 120 feet. Covers 530 to 23,000 kc. Kit comes completely assembled—ready to install. Lightning arrester built into antenna coupling unit. Transmission line can be run under ground if desired. Wt. 5 lbs.

**K16790**—Complete Kit for one receiver.  
Your Cost (RCA No. 9812).....

**\$3.43**

**K16789**—Distribution X'former for 4 additional sets (No. 9814)..... **\$1.76**  
**K16788**—Receiver Coupler (for each outlet), (RCA No. 9813)..... **\$1.47**  
**K16785**—90-ft. X'mission Line (for underground), (No. 12430)..... **\$2.21**

## RCA No. 395—All-Wave Doublet Kit



The RCA all-wave doublet kit is its finest addition to date. Factory soldered and assembled its 40 foot span is easily installed. Kit contains: 2—20-ft. antenna wire coils; 1—60 ft. transmission line; 1—Junction Box; 1—Receiver Coupling Unit; 2—Coupling Unit Links; 2—Strain Insulators; 2—Nail-in Knob Insulators; 1—Ground Clamp. Full instructions furnished. Shpg. wt. 4 lbs.

**K16465**—RCA No. 395 Doublet Kit, complete  
List \$3.95. Your Cost.....

**\$2.25**

**K16782**—RCA No. 12855, Set Coupling Unit for use with either the 395 or RK-40 Antennas. Shpg. wt. 1 lb.  
Your Cost Each..... **44c**

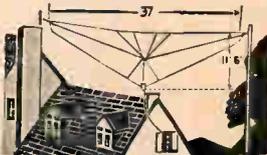
## Vertical Home Antenna



Eliminates unsightly and dangerous horizontal wires. Insures clear, practically noise-free reception. Sturdily constructed and much easier to install than other types of antennas. Complete outfit includes a special 12-foot 4 section antenna mast of rust-proof flexible steel, 40-ft. of lead-in wire, 10-ft. of ground wire, lightning arrester, insulators, screws, two pipe straps, one strap mounting assembly. Instructions for installation and use included. Has many advantages over the ordinary horizontal type of aerial. Shpg. wt. 4 lbs. List Price \$3.95

**K21824**—  
Your Cost..... **\$1.90**

## RCA "Spider Web" All-Wave Antenna



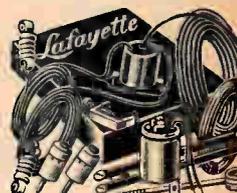
Like antennas and an improved transmission line to the receiver. Requires only 38 feet horizontal and 12 feet vertical clearance. Coverage 140 to 23,000 kc. (13 to 2142 meters). Full instructions furnished. Shpg. wt. 7 lbs.

**K17135**—Spider Web Kit No. 9685 **\$5.26**  
Your Cost

**High Frequency Kit:** Increase range to 70,000 kc. (4 meters). Shpg. wt. 1 lb.

**K17136**—RCA No. 9689. Your Cost **88c**

## Lafayette DeLuxe Aerial Kit



For both short-wave and broadcast bands. Licensed under Amy, Aceves and King patents. Completely factory assembled. Contains: 2—30 ft. coils No. 7/24 bare copper aerial wire, 50 ft. No. 22 braided transmission line, 2—3" glass insulators, duplex lead-in strip, C type ground clamp, 10 ft. No. 20 ground wire, antenna transformer in porcelain case, receiver coupler, 6" insulator, 2-nail knobs, instructions.

**K16486**—Shpg. wt. 5 lbs.

List \$6.00. Your Cost..... **\$2.49**

## JFD Vertical 12 Foot Antenna



Easily and quickly attached on Gable Roof, Flat Roof, Wall, Vent Pipe, Window, or anywhere. This is the type now used by all principal broadcasting stations. Non-directional, improved short-wave and broadcast reception on new or old sets. 4-sections, 12 ft. long when extended. Made of Admiralty metal, nickel plated. DeLuxe Model, supplied complete with adjustable bracket, stand-off insulator, 40 ft. lead-in wire and mtg. screws. Instructions included. Shpg. wt. 4 lbs.

**K21822**—  
Each..... **\$2.50**

**K21823**—Standard Model. Same as above, but made of brass, nickel plated. Supplied with adjustable bracket and 40 ft. stranded lead-in wire. Wt. 3 lbs.  
Your Cost..... **\$1.88**

## RCA Multi-Range Wave-Trap



For receivers located where they are troubled by unwanted stations or inadequate reception of certain stations. Tunes by means of magnetite core, which provides a permanent adjustment. Frequency range 460 to 2,100 kc. Attenuation at tuning frequency, 40-1 (average) over entire broadcast band. Adequately shielded for protection against interference and reaction with receiver circuits. Small and simple to install. Complete and easy-to-understand instructions included with each unit. **K9067**—RCA No. 33033.  
Your Cost..... **\$1.09**  
Each

## ICA "Tenna-Scope" Loop Aerial



Makes a loop-antenna receiver out of any radio! Eliminates the use of an outside aerial and ground. No circuit changes necessary. Tuning range: 1715-500 kc. Adjustment trimmer adapts it to any receiver. Better selectivity. Higher signal to noise ratio. Fits on the back of practically all midgets. Size 8x6x1 1/4". Full instructions included. Shpg. wt. 2 lbs.

**K16452**—List \$1.75. Your Cost..... **\$1.03**

## SERVICEMANS SPECIAL

### All-Wave Aerial Kits



All are noise reducing doublet type made by an outstanding manufacturer. Kit with couplers is licensed under Amy, Aceves and King patents. Instructions included with each kit. QUANTITY LIMITED!

**K16455**—Standard Kit. Contains: 2—30 ft. coils No. 14 solid enameled wire, 60 ft. weatherproof X'mission cable, 10-ft. ground wire, 1 duplex lead-in strip, 1 C ground clamp, 7 assorted insulators. Shpg. wt. 4 lbs.  
Your Cost Special..... **69c**

**K16457**—De Luxe Kit. Contains: 2—25 ft. coils 7/22 stranded aerial wire, 1—75-ft. coil weatherproof X'mission cable, 7 assorted insulators, 1—iron core antenna coupler, 1—high impedance set coupler, doublet arrester, lead-in strip and C type ground clamp. Shpg. wt. 5 lbs.  
Your Cost Special..... **\$1.49**

## Antenna Loops for Midgets and Portables



Ideal for midget and portable sets or portables. Replaces antenna coil; gives satisfactory pick-

up and excellent selectivity. Inductance slightly higher than necessary, permitting removal of turns for adjustment. 4 1/2"x8".  
**K16450**—Your Cost..... **44c**  
**K16451**—Size: 7 1/2"x9 1/2".  
Your Cost Each..... **47c**

## Indoor Loop Aerial



Looks like an Atlas. Decorative and highly efficient. Turning the loop provides a directional effect that gives improved selectivity on distant stations. 9 1/4" in diameter. Shpg. wt. 1 lb. each.

**K16453**—DeLuxe Model with gold and brown embossed base. **59c**  
Your Cost  
**K16454**—Standard Model with plain base. **29c**  
Your Cost.....

## Lafayette Low Cost Aerial Kits



No finer low cost aerial kits have ever been offered. Complete in every detail and containing only the finest components they will provide the ultimate in reception. This kit includes: 100 ft. 7/24 copper wire, 50 ft. No. 18 rubber covered lead-in, 25 ft. ground wire, approved arrester, ground clamp, lead-in strip, two porcelain insulators, two nail-it knobs.

Can be used with all types of broadcast and all-wave receivers. **79c**  
**K16476**—Your Cost

### ECONOMY AERIAL KIT

Contents: 90 ft. 7/27 stranded aerial wire, 25 ft. rubber covered lead-in, lead-in strip, ground clamp, 2-nail-it knobs and 2-porcelain insulators. Shpg. wt. 2 lbs.  
**K16478**—Your Cost Special..... **37c**

## Pep-Tenna



A scientifically designed transformer that enables you to use your electric powerline as an antenna. Just plug the powerline cord of your radio into the Pep-Tenna and plug the Pep-Tenna cord into the electric outlet. Leads on Pep-Tenna provide aerial and ground connections. **K16481**—Your Cost..... **71c**

See page 118 for listing of antennas suitable for Frequency Modulation reception.

# QUALITY TOOLS



## Phillips Recessed and Screw Drivers

...any sets now use his type of screw quiring this new od driver. Sturdy re-grip wood handles. Shpg. wt. 1 lb.



Stock No.	Size No.	Length Ins.	Your Cost
K15251	up to 4	6 3/8"	22c
K15252	5 to 9	8 3/8"	24c
K15253	10 to 16	11 1/2"	28c

## With Molded Handle

Non-inflammable; shock-proof—hammer proof. High voltage insulation.

Stock No.	Size No.	Length Ins.	Your Cost
K15234*	up to 4	5 3/8"	39c
K15235†	5 to 9	8"	49c
K15236‡	10 to 16	10 3/8"	67c

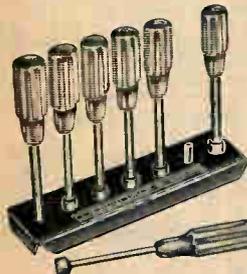
## MILLERS FALLS Radio Screw Driver



Long slender blade especially suitable for radio work. Small end fits set screws in radio knobs. 3" blade. Shpg. wt. 5 oz. **K14949—Your Cost Each. 23c**

**Small Screw Drivers**  
Two useful small screw drivers. Fine for small screws as in radio knobs, etc. Blades 1 1/2" and 2 1/2" long. **K15282—Your Cost Per Pair. 9c**

## XCELITE Nut Drivers



## Shockproof—Unbreakable

Genuine transparent amber XCELITE handles—will protect against 5000 volts. Sockets truly formed and entirely free from burrs. Tempered and fully finished. Deep enough to handle two nuts at once. Overall length 6".  
**K15330—For 1/2" hex nut.**  
**K15328—For 3/8" hex nut.**  
**K15331—For 1/4" hex nut.**  
**K15332—For 5/16" hex nut.**  
**K15333—For 11/16" hex nut.**  
**K15334—For 3/8" hex nut.**

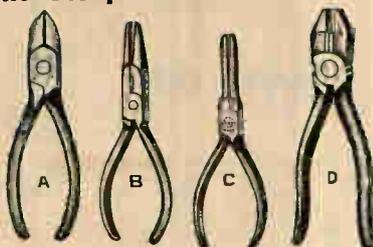
Any Above Type—**Your Cost, Each. 38c**  
**K15335—For 7/16" hex nut.**  
**K15336—For 1/2" hex nut.**  
 Either Above, **Your Cost, Each. 50c**

## Hollow Shaft Type

Hollow shaft nut drivers are invaluable for installing and removing volume controls and other panel equipment. Permits removal of 6" long screws.  
**K15344—For 1/2" hex nut. 59c**  
**K15329—For 3/8" hex nut. 71c**  
**K15306—5 Driver mounting rack. Your Cost. 12c**  
**Rack free with order for 5 drivers.**  
**K15307—7 Driver mounting rack. Your Cost. 15c**  
**Rack free with order for 7 drivers.**

## Krauter Blue Temper Finish Pliers

The line of tools listed below are from the Krauter "Standard" series, and are not to be confused with the lower priced "K" series (except the electrician's cutting pliers). All are drop forged from extra high grade steel, and have the famous "blue temper" finish. Stand up under severe service.



## Diagonal Cutting Pliers

A—Cutting jaws meet perfectly. Cuts insulation as well as the wire.

No.	Length	Your Cost
K14942	4 3/4"	\$1.01
K14944	5 3/4"	1.20
K14943	7 1/2"	1.50

## Needle Nose Pliers (C)

Made especially for difficult and odd jobs where no other plier will answer. Long fine nose is very carefully tempered. Length 6".

**K15076—Your Cost. \$1.20**

## Electrician's Cutters

"K" Series (D)  
Modified electrician's pliers with fitted lap joint, hardened cutters.

No.	Length	Your Cost
K14935	6 1/2"	.89
K14936	8"	1.09

## Long Nose Pliers

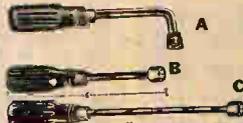
B—For the hard to get at places. Side cutting blade will stay sharp.

No.	Length	Your Cost
K14946	5"	\$1.05
K14945	6"	1.16
K14947	7"	1.31

## HEX-NUT Socket Wrenches

### Straight and Offset Types

Firm grip, ribbed wooden handles. Cadmium plated shanks. Have deep holes in ends of shanks which will take long screws up to No. 10 size. Straight types, 6" and 9" long. Offset types are 7" overall. Take standard hexagon nuts.



### Size 7" Offset (A)

K15206
K15207
K15208
K15212
K15213
K15214

**12c**

**K15215—Set of 6 65c**

### Size 6" Straight (B)

K15203
K15051
K15052
K15053
K15054
K15054
K15204

**11c**

**K15205—Set of 6 60c**

### Size 9" Straight (C)

K15209
K15107
K15109
K15108
K15110
K15210

**12c**

**K15211—Set of 6 65c**

## Long Nose Pliers



5 3/4" polished forged steel. Side cutting telephone type. Shpg. wt. 3 lbs.

**K15241—Your Cost. 38c**

## Diagonal Cutting Pliers



A very popular plier with all servicemen. 5 1/2" long. Shpg. wt. 3 lbs.

**K15127—Your Cost Each. 32c**

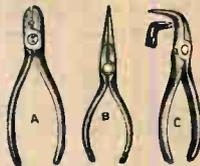
## KLEIN'S Steel Pliers

Finest tempered tool steel with case hardened cutting edges that stay sharp.

**K15223—(A) Oblique Cutting Pliers with Wire Stripping Notch.** Lap joint; narrow head. 6" long. Shpg. wt. 3 lbs.

**K15221—(B) Long Nose Side Cutting Pliers.** Pointed slender nose—sharp cutters. 6" long.

**Either Above Each. \$2.30**



**K15224—(C) Long Curved Nose Pliers.** Very useful in close quarters. 6" long.

**Your Cost. \$2.45**

## Servicer's Test Kit



Thirty pieces for test and repair. Include two 6" hex, (3/8" and 1/2"), two 9" hex (3/8" and 1/2"), and two 6" offset, hex wrenches (1/4" and 3/16"), three sizes insulated screwdrivers, three size flat top wrenches, one length (72") each of red and black wire, one neutralizing tool and one 5" compensating screwdriver, an assortment of red and black test parts including test probes, alligator clips, etc., box of assorted radio hardware. Shpg. wt. 5 lbs.

**K12888—Your Cost, Complete Kit. \$2.95**

## Handy Tool Holder

Heavy gauge sheet metal tool holder for fastening to wall or bench. Holds 6 pliers, 5 screw drivers, 9 nut drivers. Green lacquer finish. Shpg. wt. 2 lbs.

**K15261—Your Cost. 44c**



## Neon-Light Screw Drivers



Quality screw drivers with neon lamp built into amber Pyroxilin handle. For R.F. and spark plugs.  
**K15348—4 1/2" long. Each. 24c**  
**K15349—7" long. Each. 59c**

## Flexible Screwdriver



Strong, unbreakable, flexible shaft and insulated movable screw locator finds slots of screws. 8 3/4" L.  
**K15062—Your Cost. 88c**

## "RHINO" Amberlite Heavy Duty Screwdriver



Finest screwdrivers, for rough, tough service. Chrome-Vanadium blade over half-way into handle.  
**K15345—3 x 3/8" blade. Ea. 28c**  
**K15346—6 x 3/8" blade. Ea. 36c**  
**K15347—8 x 3/8" blade. Ea. 39c**

## Insulated Screw Drivers



Insulated shaft and handle. Sturdy steel tempered blades.  
**K15225—5" blade. Each. 14c**  
**K15226—6 1/2" blade. Each. 17c**

## VACO "Amberly" Radio Screwdrivers



Transparent amber colored plastic handles. Oil tempered tool steel blades. Rust-proof, unbreakable, shock-proof. Blade diameter small enough for radio set screws.  

Stock No.	Blade	Each
K15324	1/2 x 4"	21c
K15325	3/8 x 6"	26c
K15326	1/2 x 8"	30c

**10% discount in lots of 6.**

## VACO Grip-Point Screwdriver



A screw-holding screwdriver that does not interfere with the head of the screw. A flip of the thumb attaches or detaches the tool from the slot of the screw.

Screw No.	Screw Sizes	Screw Length Ins.	Your Cost
K15321	1 to 6	7 1/2"	65c
K15322	4 to 14	8"	73c

**10% discount in lots of 6.**

## VACO "Amberly" Pocket Screwdrivers



Transparent amber colored plastic handles. Tool steel blades; shock-proof construction. 3" long with pocket clip. (10 for 81c)  
**K15323—Each. 9c**

## "Grip" Screw Drivers



Gripper holds screw and slides up out of the way when not in use. Instant release after screw is driven. Fine for tight places. Tempered steel blades. Amber plastic insulated handles.  

No.	Blades	Each
K14710	2 x 3/8"	27c
K14721	4 x 3/8"	43c
K14722	10 x 3/8"	46c

# TOOLS and HARDWARE for

## WALSCO Staple Driver



For neater, faster jobs on all wire and cable installations. Reaches places inaccessible with hammer and ordinary staples. Attaches staples to any surface. Lightweight, rust-proof construction. Staples wires up to 1/4" diam. Single stroke with palm of hand drives staple home. Fully automatic. Magazine hold 24 staples when loaded.

**K15091**—Staple-Driver, with one box of (240) staples. Wt. 3 lbs.

Your Cost **\$2.97**

**K15092**—Leather Carrying case for above **\$1.12**

### WalSCO Steel Staples

Packed 10 strips of 24 staples each. Ivory or Brown.

**K15093**—Brown staples.

**K15094**—Ivory staples. **24¢**

Either color, per box

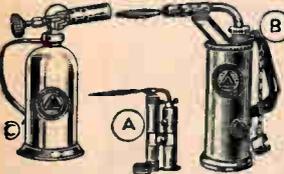
## UTICA Pliers with 4 Wire-Cutters



Of high grade tempered tool steel. Positive grip grooves for easy cutting. 4 1/2" long. Well-balanced, fine finish. **Quantity limited.** Wt. 1 lb.

**K15077**—Your Cost Each **29¢**

## LENK Alcohol and Gasoline Torches



**Type A**—Compact, leak-proof torch for serviceman and home mechanic. Size: 6x2x1 1/4". Wt. 1 lb.

**K14868**—Alcohol. Each **98¢**

**Type B**—Double burner torch—provides either broad or needle point flame. Cleansing pin in handle. 7x4 1/2x2 1/2". Wt. 3 lbs.

**K14867**—Alcohol. **\$2.60**

**Type C**—Gasoline torch. Has flame control, shut off valve and many other features. 7 1/2"H.x3" base D. Polished brass. Cap. 3/4 pint. Wt. 2 lbs.

**K14855**—Your Cost **\$1.30**

**K14856**—Same but for alcohol. Your Cost **\$1.47**

## Chassis Cradle

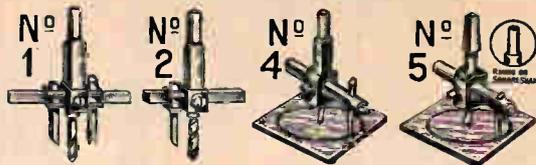


Holds any make or model radio chassis in any desired position for testing, repairing, or counter demonstration. Special mechanical clamps grip chassis firmly and leave hands free to work with. Built of steel. Shpg. wt. 5 lbs.

**K15071**—Your Cost **\$3.25**

Extra set of clamps. **K15072**—Your Cost **\$2.25**

## GENERAL PURPOSE CIRCLE CUTTERS



Provides an easy, accurate method for cutting clean circular holes in brass, aluminum, steel, wood, Bakelite, etc. Of fine heat-treated steel. Used with ordinary hand brace or slow speed drill press. All American-made.

Stock No.	Type No.	Cuts Hole	Shank Style	Type Work	Your Cost
<b>K14720</b>	*	5/8" to 2 1/2"	Round	Light	<b>\$0.78</b>
<b>K14718</b>	2	1" to 4"	Round	Medium	<b>1.10</b>
<b>K14711</b>	4	1 1/2" to 4"	Round	Medium	<b>1.25</b>
<b>K14713</b>	5	1" to 5 1/2"	Round	Heavy	<b>1.88</b>
<b>K14715</b>	1†	1" to 5 1/2"	Square	Heavy	<b>1.88</b>
<b>K14717</b>	1†	1" to 5 1/2"	Round	Medium	<b>1.88</b>
<b>K15069</b>	5	1 1/4" to 8"	Square	Ex. Heavy	<b>2.35</b>

\*Not illustrated.

†Has extra beading cutter.

## Replacement Drills and Blades

**K15068**—Drill for use with K15069. Your Cost **21¢**

**K14716**—Blade for use with all above except K15069 and K14720. Your Cost **24¢**

**K15070**—Blade for use with K15069. Your Cost **29¢**

## 8-Piece Radio Socket Set



Contains six hexagon sockets, 1/4", 3/8", 1/2", 5/8", 3/4", and 1 1/4", with 3/8" round knurled socket for thumb nuts and 6 1/2" spinner type handle. All 1/4" hexagon drive.

**K15111**—Your Cost **36¢**

## Eleven-Piece Kit



6 1/2" wood handle. 4" ell. 3 3/4" extension adapter, 1/4", 3/8", 1/2", and 3/4", 1/2" hexagon sockets, 3/8" round knurled socket, and 1/4" and 3/8" square sockets. Steel box.

**K15130**—Your Cost **69¢**

## Double Bench Grinder

Standard 4" grinding and polishing head, equipped with 4x3 1/2" vitrified grinding wheels; one fine and one coarse. Has adjustable tool rests. 1/2" threaded spindle and 1" steel pulley for 3/8" V-belt. Shpg. wt. 6 lbs.

**K14739**—Your Cost **\$1.55**

## Rivet and Eyelet Punch

Hardened steel tools. Cast iron holder. Hex sides to grip in vise. With rivets and eyelets. **K15045**—Your Cost **\$1.32**

## 4" and 6" Table Saws



Ideal for service or home workshop. 4" saw has 6x9" vertically adjustable table, with 2 milled channels for miter and fence, and which tilts up to 45 degrees. Included are: 4" coarse tooth circular saw, maximum cut 1 1/2"; 3/8" threaded spindle and a 1" steel pulley for 3/8" V-belt. Shpg. wt. 9 lbs. Less motor. **\$1.90**

**K14738**—Your Cost **\$1.90**

6" Table Saw has heavy cast iron table. 8 1/2x11"; ground finished with vertical adjustment up to 2". Cast iron, ground finished fence. 1-piece steel mandrel, for 1/2" bore-24 thread accessories. High grade bearings. Base 6 1/4" high, designed for tool rests and guards. 1" V-type steel pulley for 3/8" V-belt. Handles material up to 2" in thickness. With 6" coarse circular saw blade. Less motor. Wt. 12 lbs. **\$4.45**

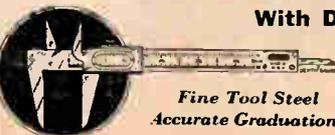
**K15355**—Your Cost **\$4.45**

## Power Drill Press

Light-duty, belt-driven drill press. 16" high; maximum clearance, 7 1/2" from chuck to base; 3 1/2" adjustable swinging table. Two guide pulleys. Drive pulley keyed to sliding spindle; spindle travels 1 3/4". With 1/2" chuck. Requires 1/2" round belt. Less motor. Wt. 6 lbs. **\$2.75**

**K15133**—Your Cost **\$2.75**

## Vernier Sliding Calliper 6" Rule With Depth Gauge

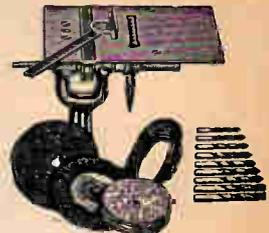


Fine Tool Steel  
Accurate Graduations

Precision made of fine tool steel. Highly accurate. 5" rule graduated in 16ths and 32nds. 5" depth gauge. Vernier caliper has lock nut. Has sharp pointed projections for accurate dividing, scribing, etc. No shop should be without this highly important measuring tool. Shpg. wt. 1 lb. **98¢**

**K15027**—Your Cost **98¢**

## 17 Piece Polishing Head Outfit



A complete, dependable workshop outfit that will drill, grind, polish, buff, saw, scratch, etc., and turn out fine work. 1/4 H.P. motor recommended. Comprises 1/4" drill chuck, 4" steel circular saw, saw table and guide, 4" wire brush, 3" cotton buffer, 1/4x4" emery wheel, 9 twist drills 1/8" to 3/8" belt, pulley and stand. Shpg. wt. 8 lbs. **\$3.35**

**K14746**—Your Cost **\$3.35**

## 9" Motor Drive Jig Saw



Rigid cast iron frame, with 8" dia. cast iron table that tilts to 45 degrees in either direction. 1/2" driveshaft

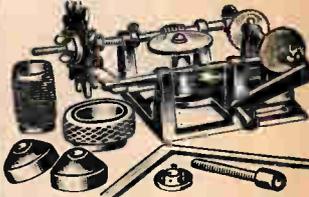
runs in cast iron bearing with provision for oiling. Rocker arm and Pitman rod drive. With 2-step die-cast "V" cone drive pulley. 3/4" stroke; permits handling up to 1" material and cuts to center of 18" circle. Uses any 5" straight-end blade.

**K14979**—Overall height 12 1/4". Less motor and blade. Shpg. wt. 6 1/2 lbs. **\$1.59**

Your Cost **\$1.59**

**K14980**—Set of six 5" blades. Your Cost **18¢**

## 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 for winding the various types. Has recorder and indicator that counts turns. Instructions included. Shpg. wt. 6 lbs. **\$4.35**

**K14725**—Your Cost **\$4.35**

## Rivet-O-Punch Tool



Makes Solderless Lugs, Etc.

A handy tool. Fastens eyelets in leather, fiber, paper or canvas. With box of brass eyelets. **\$5.9¢**

**K15046**—Your Cost **\$5.9¢**

**K15047**—Box of 150 eyelets... **10¢**

## Wire Stripper

Tempered steel cutting edge. Strips insulation, cleanly, easily. Wt. 1 lb. **9¢**

**K15044**—Your Cost **9¢**

# MECHANICS *and* SERVICEMEN



**Stainless Steel Rule**  
and  
**Depth Gauge**

A handy, accurate pocket rule for quick measurement. Made of stainless steel, with convenient pocket clip for depth measurements. 6 inches long, graduated in quick reading 64ths. (10 for 84c) **K14996—Your Cost Each... 9c**

**Stainless Steel 6" Rule with B & S Wire Gauge**

Front graduated in quick reading 32nds and 64ths; also has American or B&S wire gauge for sizes from No. 8 to No. 20. Back has B&S wire gauge decimal equivalents. In leather case. **K15007—Each... 23c**

**Tempered Steel 6" Rule**

Stiff tempered steel 6" rule. Similar to rule above, but without wire gauge. 32nds and 64ths on front; back has decimal equivalents. 1/2-inch wide. **K14982—Each... 23c**

**Drill and Wire Gauge**

Highly accurate—of hardened and tempered steel. Clear, easy reading numerals. Drill, tap size and decimal equivalents of each. Pocket size. **K14997—Each... 95c**

**Multi-Use Rule and Gauge**

Four inch quick-reading 32nd and 64th inch scale, drill point gauge square, bevel protractor, center finder, circle divider, tap drill table. Stainless steel—highly polished. With leather case. **K14998—Your Cost... 95c**

**Tool Steel Reamers**  
Made of heat treated steel.

**K15349—1/8" to 3/8", 5 1/4"** with overall "T" handle. **K15050—Same but for Bit Brace.** **Either Type Above, Each K15048—3/8" to 1", 6 1/2" overall. "T" handle. Each... 98c**

**Expansion Bits**

Clark pattern. **K15116—3/8" to 1 1/4". Each K15117—1/2" to 3". \$1.10**

**Screw Extractors**

For removing broken screws, bolts, etc. Drill hole in broken screw—insert extractor—turn to left—and out it comes. Four sizes in kit. Shpg. wt. 2 lbs. **K15279—Your Cost, Per Set... 98c**

**BLACK & DECKER Junior Drill**

A husky, fine make drill for shop or home. Aluminum casings, oilless bearings, powerful efficient motor, 3-jaw Jacobs chuck and key (for drills to 3/4"), thumb control switch, 3-conductor cable and plug (one for grounding). 12" overall. For steel and softer materials. For 110 V. AC-DC. **Shpg. wt. 5 lbs. K14700—Your Cost \$19.95 less 20%... \$19.55**

**SIGNAL Light-Duty Portable Drill**

High-quality, for intermittent service. Has air-cooled handle with comfortable grip and built-in power switch. Bearings are bronze, with thrust ball-bearing on spindle shaft. Housing is durable aluminum alloy. Diamond chuck, 3-jaw, with key, for up to 1/2" bits. Overall length 12". With 8 ft. rubber cord. For 110-120 V., DC or AC (25-60 cycles). Shpg. wt. 7 lbs. **K14737—Your Cost... \$12.67**

**Compact A.C.-D.C. Electric "Hobby" Drill**

Ideal for home mechanic, serviceman, auto radio technician, etc. Small lightweight, sturdy, dependable. Motor operates on 110 volts AC-DC. Takes up to 1/4" straight shank drills. For steel, wood, metal. Fine for confined spaces. Metal body, red and black finish. Toggle switch control. With chuck, rubber cord and plug set. Size 7 1/2"x6". Shpg. wt. 4 lbs. **K14696—Your Cost... \$5.65**

**A.C.-D.C. Electric Speed Drill**

Drills through 1/4" steel. 2 1/8" diameter permits drilling 3/4" from corners. 110 volt AC-DC universal motor. Takes up to 1/2" bits. Knurled collar permits easy insertion and removal of bits. Long rubber covered cable and plug. Shpg. wt. 5 lbs. **K14731—Your Cost \$6.95**

**HANDEE Grinder Tool of 1000 Uses**

Will drill, grind, polish, cut, carve, saw and engrave on all materials. Fits the hard, yet incorporates a powerful high-speed motor which is practically troubleproof. Ball bearing construction with packed-in lubrication, enclosed motor, built-in switch. Operates on 110-120 volts 25-60 cycles AC or DC. Each unit supplied with 1/8" sping collet chuck. **K15351—Standard HANDEE less Grip-Sleeve. Speed 18,000 r.p.m. With 3 mounted wheels. HANDEE No. 2AB. \$9.14** **K15353—Custom HANDEE kit, with grip-sleeve to rest fingers. In steel carrying case with 27 accessories. \$14.66** **K15354—De Luxe HANDEE, complete with 7 accessories as follows: 1/8" Collet; 5 Wheels; 1 Rubber Polishing Wheel; 1 Wheel Dressing Stone. Speed 25,000 r.p.m. HANDEE No. 3008. \$15.72**

**ACU-RULE Precision Slide Rules**

**with Magnifier** **Standard Type**

Mannheim type rules with six scales for quick mathematical computations. Made of specially treated, hard, kiln-dried wood. Has clear view cursor (indicator). In type illustrated at left cursor has auxiliary magnification lens for highly precise calculations. Both types have inch scale on one edge, millimeter scale on the other. Clear, complete instructions for use included with both types. Excellent for salesmen, students, shop workers, etc. Individual carrying cases with each model. **K14920—With Magnifier 79c** **K14919—Standard Type 45c**

**Set of 9 Assorted Steel Drills**

Sizes 1/8" to 3/8". Good fast cutting steel. Correctly ground; will hold edge. Popular sizes for radio work. In hardwood box. **K14708—Your Cost... 95c**

**G.M. Co. Geared Chuck**

7 to 1 geared chuck to use drills up to 1/2" in your small electric drill. Shpg. wt. 4 lbs. **K14698—Each... \$4.75**

**Motor Chuck-Arbor**

Fit shaft of any small motor in place of pulley. With flange and locking nut to hold grinding wheels, saws, etc. 1/4" three-jaw chuck. \*Less Flange Stock Unit Motor Your Cost

No.	Motor	Your Cost
K15095*	495	3 1/2"
K15096	490	3 1/8"
K15097	490-A	1 1/2"
K15098	490-B	3/8"

**59c** **79c**

**Slide Caliper Rule**

Inside and outside diameters up to 3 inches, in 1/16 and 1/32". Knurled locknut. Wt. 8 oz. **K14891—Your Cost... 10c**

**Tap, Drill and Die Set**

Contains three 1" diameter dies (4-36, 6-32, 8-32) with die stock; three taps (4-36, 6-32, 8-32) and 3 matching tap drills for these taps. Tap holder also included. All housed in natural mahogany case. Shpg. wt. 3 lbs. **K14994—Your Cost \$1.59**

**Taps, Wrench and Drills Only**

Three taps (4-36, 6-32, 8-32), three matching tap drills and tap wrench in wood case. Shpg. wt. 2 lbs. **K14995—Your Cost... \$1.05**

**Hand Drill**

Well balanced hand drill with 1/2" hardened chuck jaws. Accurately meshed gears. Polished hollow handle for storing drills. A much needed tool on the radio work bench. Handle top threads on to body. High speed gears. Shpg. wt. 3 lbs. **K14723—Your Cost 79c**

**Breast Drill**

Sturdy construction. Holds up to 1/2" drill. 3 spring-controlled steel jaws. 2-speed gears. Mahogany handles. For heavy work. Red, black and nickel finish. Wt. 6 lbs. **K14993—Your Cost 1.95**

**Phillips Offset Screwdriver**

A very handy alloy steel offset screwdriver. One end for Phillips No. 2 size. **K15255—Each... 35c**

**We Will Not Knowingly Be Undersold**

# SERVICE & HOME WORKSHOP *Necessities*

## MICRO-LITE



With Lucite Rod

Here's the new flashlight servicemen, engineers, mechanics, etc., have been waiting for! Adapts the marvelous new Du Pont Lucite rod that bends light, to make a practical flashlight that reaches into every small space and corner. Lucite rod is unbreakable—throws cold spotlight. Unscrews from tip to become ordinary pen light. Has temporary and permanent switch. Flashlight case solid brass, black enamel finish. Complete with 2 batteries and bulb. **K15024—Your Cost Each..... 75¢**  
Lots of 10, Each..... 66¢

## CHROME "PENCILITE" With Magnifying Lens Bulb



5½" long, ½" diameter. Momentary push switch on top, or turn of top keeps light on steadily. Complete with long life bulb and battery. Chrome plated finish. **K15028—Your Cost..... 35¢**

## LIFETIME Light



A flashlight that generates its own current! Continuous press of the lever produces a constant stream of light. No batteries. Always ready to use. Handy to carry. Beautiful Tenite case. Shpg. wt. 2 lbs. **K25499—Your Cost Each..... \$1.43**  
Lots of 6, Each..... \$1.32

## Shellac Patch Sticks



For repairing cabinets. All are 7" long; in various shades.

**K15523—Light Walnut.**  
**K15524—Dark Walnut.**  
**K15525—Black. K15526—Maple.**  
**Your Cost..... 15¢**  
Each.....

## Plastic Cabinet Cement

Repairs Bakelite or Plaskon molded radio cabinets. Dries fast and holds securely. **K15273—2 oz. bottle..... 29¢**

## "Craftsman" Chest



Cantilever tray lifts into position when box is opened. Contents easily accessible. Made of cold rolled steel with welded flush seams. Finished in hard baked, moss green enamel. Full grip handle. Has embossed rule on cover. Lock and key. Matched hardware. Size 14x6½x6". **K14871—Wt. 7 lbs. \$1.05**  
**Your Cost.....**

## KESTER Dependable Radio Solder



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 instructions. ⅜" diameter.



	Rosin Core	Acid Core	Alum. Solder
Per Tin	<b>K14857 \$0.17</b>	<b>K14878 \$0.17</b>	<b>K14876 \$0.17</b>
1 lb. Spool	<b>K14858 .64</b>	<b>K14877 .64</b>	<b>K14845 1.96</b>
5 lb. Spool	<b>K14859 3.00</b>	<b>K14879 3.00</b>	

## Plain Wire Solder

Standard size. 50-50 tin and lead. Without flux core. **K15286—Bundle. Ea. .19¢**  
**K15287—1 lb. Spool. Ea. .60¢**

## Thin Core Solder

⅛" diam. Standard Kester rosin core quality. **K14851—1 lb. spool. .67¢**  
**K14852—5 lb. spool \$3.15**

## NOKORODE Core Solder



Made of virgin tin and lead. Superior paste used for flux.

No. 10 gauge. App. 1½ ozs. **7¢**  
**K14882—Your Cost.....**

## 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. **K15258—Your Cost..... 27¢**

## DUCO Cement



Excellent for repairing speaker cones, cementing grille cloths, etc. Lots of 12..... **19¢ ea.**  
**K15257—Each..... 21¢**



Brush or spray on. Leaves satin chrome finish, no brush marks. **K15396—4 oz. 21¢**  
**Your Cost.....**

## Cabinet Repair Kit



For use on plastic, bakelite or wood cabinets. 9 shades of shellac sticks, bottles of light and

dark oil stain, bottle of metal shading lacquer. Magic Scratch Remover, alcohol lamp, spatula, touch-up brushes, steel wool, etc. Very easy to use. Shpg. wt. 3 lbs. **K15521—Your Cost..... \$1.91**

**Cabinet Touch-Up Kit:** Same as above, less Scratch Remover, shellac sticks, lamp and spatula (stains only). Ideal size and equipment for servicemen to keep in tool kit. Wt. 2 lbs. **K15522—Your Cost..... 35¢**

## Insulating Pitch

1 lb. can..... **29¢**  
**K14864—Ea. 29¢**  
1-gallon can. Wt. 12 lbs. **\$1.39**  
**K14865.....**



## "Brush-on" Metal Cleaner

Cleans and polishes all metals, instantly. Non-inflammable, non-abrasive. 4 oz. bottle. **K15361—Each..... 17¢**



## STEEL Storage Cabinets



For dealers, workshops, home experimenters, etc. Simplify keeping small parts in order so that they can be found more easily when needed. Heavy gauge steel finished dark green. **6 Drawer Cabinet—13¼" long, 10½" wide and 11½" high. Two drawers have 4 sections, two have 6, one has 12 and one has 15 sections. Card holder on each drawer for labeling. K22347—Shpg. wt. 20 lbs. Your Cost. \$3.53**

**6 Drawer Cabinet—8" long, 6" wide and 9" high. Two drawers have 10 sections, two have 6 and two have 3 sections. Shpg. wt. 9 lbs. K22348—Your Cost. \$1.76**

**2 Drawer Cabinet—11½" long, 9½" wide and 5" deep. Fine for stationery and other papers. Each drawer 2" deep. No sections in upper drawer, 12 in lower drawer. Constructed so that they may be stacked without slipping. Shpg. wt. 6 lbs. K22349—Your Cost. \$1.10**

## Power Sprayer



Operates from the spark plug of any automobile. Will spray paint, lacquer, any free-flowing liquid. Complete with sprayer, pint jar, spark-plug air check valve, compression tank, set of adapters and 12-foot hose. Shpg. wt. 6 lbs. **\$2.94**  
**K14704—Your Cost.....**

## Touch-Up Sprayer



Designed to operate perfectly with very low pressure from spare tire or any other air container. Air-tight brass valve, adjustable brass spray tip, rubber hose and two 4-oz. jars. Very handy for touching up matted panels, cabinets and chassis. Shpg. wt. 3 lbs. **K14705—Your Cost..... 66¢**

## Air Drying Finishes



Now you can get professional appearing finishes in either crystal, wrinkle or chrome with these new air-drying finishes. Simply apply and let it dry for durable and lasting finish. Air-dry or bake on metal or wood. In 2-oz. and 8 oz. sizes.

### Crystal Finish

No.	Each	Color	No.	8 oz. Each
<b>K15259</b>	<b>18c</b>	Black	<b>K15309</b>	<b>59c</b>
<b>K15319</b>	<b>21c</b>	Gray	<b>K15387</b>	<b>59c</b>
<b>K15320</b>	<b>21c</b>	Brown	<b>K15388</b>	<b>60c</b>
<b>K15380</b>	<b>21c</b>	Red	<b>K15389</b>	<b>60c</b>

### Wrinkle Finish

<b>K15381</b>	<b>23c</b>	Black	<b>K15390</b>	<b>65c</b>
<b>K15382</b>	<b>23c</b>	Red	<b>K15391</b>	<b>65c</b>
<b>K15383</b>	<b>23c</b>	Gray	<b>K15392</b>	<b>65c</b>

**Telephone (Smooth) Finish**  
**K15384** 21c Black **K15393** 62c  
**K15385** 21c Gray **K15394** 62c

### Chrome-Like Finish

**K15386** 15c Chrome **K15395** 47c

## Cabinet Repair Kit



Handy kit, ideal for radio shops, stores, trucks, etc. Small brushes in caps of all bottles make quick patching of damaged cabinets easy. Kit contains bottle each of: Ivory spirit enamel, light and dark, dark brown lacquer enamel, walnut spirit stain, polish renewer, French varnish; 3 sheets garnet finishing paper, steel wool, polishing cloth and complete instruction booklet. Shpg. wt. 3 lbs. **K15527—Your Cost..... 98¢**

## Handy Scratch Remover

A simple touch with the brush and blemish disappears. Touch-up wax on other end. Type A in Bakelite case with pocket clip. Type B in handy fibre carrying case. **K15519—Type A. Each 28¢**  
**10 For..... \$2.70**  
**K15520—Type B. Each 22¢**  
**5 For..... 95c**



## 19" Two Cantilever Tool and Tackle Box



Two sturdy automatic trays lift into position when cover is opened. Ideal for servicemen, repairmen, fishermen. New spill-proof lock, 2-bolt catches, nickel plated. Full-grip handle. Heavy 24-gauge steel, all returned edges. Baked enamel finish; smoke grey chest, metalescent green trays. 19x6½x7" deep. Wt. 8 lbs. **K14866—Your Cost. \$2.45**



# SOLDERING IRONS and ACCESSORIES

## "AMERICAN BEAUTY" Irons



**100-Watt, Model 3138**  
America's most famous iron. Made for those who want the very best. Metal parts are chrome plated and highly polished. Length 12 3/4". With 3/8" tip and 6 ft. cord. **Stand supplied.** Shpg. wt. 2 lbs.  
**K15171—Your Cost \$5.65**  
**K15170—Extra tip for above. Each... 39c**

**50-Watt, Model S76**  
A smaller "American Beauty" for soldering in corners and tight places. 1/8" tip. **With stand.** Shpg. wt. 2 lbs.  
**K15172—Your Cost \$3.45**  
**K15173—Extra tip for above. Each... 21c**

## "AMERICAN BEAUTY" Stand

**Thermo-static Control**  
  
For regulation of temperature of soldering irons. Thermostat is adjustable. Body of stand of molded plastic, with cord and attachment plug and receptacle to connect iron. For 110 volts A.C. Shpg. wt. 3 lbs.  
**K15169—Stand only. Your Cost \$3.46**

## Jackson Heavy Duty Irons

  
Extra heavy duty irons designed especially for industrial or shop use. Heating element and all parts renewable. Screw-in tip and adjustable tip (with set screws) types. 6-ft. cord and removable handle. Wt. 2 lbs.

### With Screw-In Tips

Soldering Irons	Extra Tips
Stock No. Watts Tip Dia. Your Cost	Stock No. Your Cost
K14874 75 1/16" \$1.65	K14886 25c
K14853 100 1/8" 2.20	K14887 29c

### With Adjustable Tips

K15176 75 3/16" \$1.76	K15166 18c
K15177 100 1/8" 2.40	K14901 18c
K15178 150 3/8" 3.80	K15168 29c

## Jackson Midget Iron—55 Watts

  
This is a full size soldering iron. 11" in length. Black enamel handle and gunmetal finish case. Plunger tip 1/8" in dia. 55 watt iron. Shpg. wt. 2 lbs.  
**K14850—List \$1.25. Your Cost 65c**

## Jackson Telescope Iron

  
A clever type iron that can be adjusted for use as a full size or midget size tool. Adjustable from with set screw.  
8" to 12" long. Sliding tip Plunger type barrel.  
**K15179—65 watts. 3/8" tip. Your Cost \$1.05**  
**K15181—100 watts. 1/8" tip \$1.49**

## Soldering Paste and Flux



**NOKORODE (1).** Absolutely non-corrosive paste. Fluxes all metals, except aluminum, without corroding or discoloring. Insures perfect soldered joint. Very economical.  
**K15277—Your Cost 10c**  
**KESTER Paste Flux (2).** Non-corrosive. For clean, solid connections. (10 for \$1.05)  
**K15278—2-oz. can. Each 12c**  
**KESTER Tinning Block (3).** Cleans and tins soldering irons speedily.  
**K14875—1/4 lb. bar. Each 15c**

## ESICO High Quality Soldering Irons



Preferred by technicians everywhere. All are constructed of the finest materials and will give long, dependable service. High grade nickel chrome elements are wound on finest mica insulation. Furnished with Underwriter's approved cord and rubber plug. For a.c. or d.c. All models are supplied **WITH STAND.** Shpg. wt. 3 lbs. each.

### With Screw-In Tips

Soldering Irons	Extra Tips
Stock No. Watts Tip Dia. Your Cost	Stock No. Your Cost
K14848 65 1/16" \$1.03	K14847 18c
K14854 100 1/8" 1.62	K14847 18c
K15174 150 3/8" 2.94	K15175 26c

### With Plunger Tips

K14900 65 3/16" \$1.03	K14901 18c
K14902 100 1/8" 1.62	K14903 18c
K14905 150 3/8" 2.94	K15168 29c

## Constant Duty Models

Plug-tip irons especially designed for use in constant duty at factories, labs, etc. For 110 volts a.c. or d.c. Wt. 4 lbs.

Soldering Irons	Extra Tips
Stock No. Watts Tip Dia. Your Cost	Stock No. Your Cost
K15190 110 1/8" \$3.23	K14903 18c
K15191 130 3/16" 4.55	K15168 29c

## 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 of cherry wood. Blued steel shank. Consumes 55 watts. Shpg. wt. 3 lbs.  
**K14846—With 1 Tip. Your Cost 65c**  
**K14849—With 2 Tips. Your Cost 75c**

## ESICO Thermostatic Control Stand

  
Use of this unit makes it impossible to overheat iron. Iron can be maintained at any desired temperature while in stand. When removed from control, full current is applied to iron. For irons with up to 1" diam. tips. Wt. 3 lbs.  
**K14885—Stand Only. Your Cost \$3.82**

## DRAKE Electric Pot

  
Size of pot—1 1/2" diam, 1" deep. Replaceable 150 watt element. With cord and plug. Shpg. wt. 3 lbs.  
**K14836—\$3.35**  
**Each**  
**K14837—Replacement element. Each 75c**

## "Magic Cup" Iron Stand

  
Insert tip into Magic Cup and oxide disappears. Shpg. wt. 1 lb.  
**K14880—Your Cost 29c**  
**Plain Stand Only. As above, but less magic cup. 7 inches long. K15219—Your Cost 15c**

## Iron Stand and Holder

  
Lined with circular heat-radiating springs. Pack your iron without waiting for it to cool. Also acts as stand for iron. Iron nests in holder. Shpg. wt. 3 lbs.  
**K15231—Your Cost 67c**

## Trutest DeLuxe Irons Approved By Underwriter's



The best soldering iron values on the market today! All Trutest DeLuxe irons feature: replaceable elements wound on metal cores, with best grade mica insulation; replaceable hard drawn copper tips, tinned; one-piece cases finished in gun metal; replaceable smooth black wood handles; Underwriter's approved cord and rubber plugs; cord springs. For a.c. or d.c. **All furnished with metal stands.** Shpg. wt. 3 lbs.

<b>K15180—75 Watts, 110/120 V. Your Cost Each \$1.32</b>
<b>K15197—75 Watts, 220/250 V. Your Cost Each \$1.47</b>
<b>K15182—100 Watts, 110/120 V. Your Cost Each \$1.91</b>
<b>K15198—100 Watts, 220/250 V. Your Cost Each \$1.98</b>
<b>K15184—150 Watts, 110/120 V. Your Cost Each \$2.94</b>
<b>K15199—150 Watts, 220/250 V. Your Cost Each \$2.98</b>

## Trutest "Special" Irons



Sturdily constructed. Resistance wire elements wound on porcelain tubes. 55-watt iron furnished with one 3/8" and one 1/8" screw-on tips; 75-watt iron with one 3/8" screw-on tip; 100-watt iron with one 3/4" plunger-tip. All with 6-ft. attachment cord and plug.  
**K14892—55-Watt Iron. Your Cost, with 2 tips 59c**  
**K14894—75-Watt Iron 80c**  
**K14893—100-Watt Iron 95c**

## DRAKE Compact Iron

  
Smallest industrial iron, for tight corners, and delicate instrument wiring. Measures 9" and weighs only 9 oz. 60 W. with 1/4" tip. With 6-ft. cord, rubber plug and Magic Cup stand. Underwriter's Approved. Shpg. wt. 1 lb.  
**K14835—Your Cost Each \$2.35**

## Compact Pencil-Type Irons

  
Compact and light weight. Has insulated handle and cork finger guard. With 6-ft. rubber cord, plug and removable tip. Rated at 25 watts. Shpg. wt. 2 lbs.  
**K15155—110 V. A.C. or D.C. 72c Each**  
**K15156—For 6 V. operation. 72c Each**  
**K15154—40 Watt, Heavy-Duty Iron. For 110-120 volts, A.C.-D.C. Constructed as above, but has efficiency of larger irons. \$1.15**  
**Your Cost Each \$1.15**

## MARVEL Soldering Iron

  
40 watts. For 110 V. A.C.-D.C. Nickel chrome wire element. Hardwood handle. 10 1/4" long; 2 3/8" copper tip. 4-ft. cord and plug. Shpg. wt. 1 lb.  
**K14873—Your Cost 27c**  
Lots of 10... \$2.55

## Soldering Iron Tips

Replacement plunger type tips of quality copper.   

Stock No.	Iron	Size	Your Cost
K15166	60 w.	5/16x2 7/8"	18c
K14903	85 w.	3/8x4 3/8"	18c
K15168	115 w.	1/2x3 3/4"	29c

# BEST PRODS and ALIGNING TOOLS

## 5-IN-1 Aligner Kit

Combines in a fountain pen size tool,  $\frac{1}{4}$ " and  $\frac{1}{8}$ " nut wrenches, miniature blade screwdriver for all aligning and a full-size insulated handle screwdriver. 3 piece set.  
**K15082—Your Cost . . . . . 59¢**

## Aligning Tool Set

Two tools, one fits within other. One is 6" long,  $\frac{3}{8}$ " diameter with fitted brass wrenches for  $\frac{1}{4}$ " and  $\frac{3}{16}$ " hex nuts. Other is  $\frac{1}{2}$ " rod fitted with screwdriver nib and special magnetic steel.  
**K15083—Your Cost . . . . . 59¢**

## Double Shank Trimmers

For Philco, RCA, etc. Screwdriver shank is  $\frac{1}{2}$ " diameter—fits into  $\frac{1}{4}$ " hole up to  $1\frac{1}{4}$ "; other end takes  $\frac{5}{16}$ " hex nut.  
**K15105—6" long. Each . . . . . 39¢**  
**K15106—10" long. . . . . 49¢**

## ICA Low "C" Aligner

A low capacity screwdriver for aligning superhets.  $\frac{1}{4}$ " bone fibre, with 2 driver nibs. One extends  $\frac{1}{2}$ ", for padding condensers. Other has recessed screwdriver for permeability tuned circuits.  
**K15145—Your Cost . . . . . 29¢**

## Hex Socket Aligner

6" long with brass  $\frac{1}{4}$ " socket head. Other end has hardened screwdriver bit. Shaft diameter  $\frac{1}{4}$ ".  
**K15104—Your Cost . . . . . 28¢**

## FIBRITE Screw Driver

7" long; driver at both ends for all trimmer condensers.  
**K15150— $\frac{1}{2}$ " diameter. . . . . 19¢**  
**K15151— $\frac{3}{8}$ " diameter. . . . . 25¢**

## ICA Aligning Kit

14 tools telescope into six units: a flexible screwdriver "magic" alignment tool, alligator side wrench, 6" insulated driver—metal nib,  $\frac{3}{16}$ " and  $\frac{1}{4}$ " nut wrench,  $\frac{1}{4}$ " insulated square nut wrench,  $\frac{1}{4}$ " hex metal side wrench,  $2\frac{1}{2}$ " insulated driver with metal nib,  $\frac{1}{4}$ " hex slotted insulated wrench driver,  $\frac{5}{16}$ " hex insulated nut wrench, 5" and 6" insulated driver.  
**K15088—\$2.94**  
**Kit**  
 Like above, but less flexible screwdriver and "magic" aligning tool.  
**K15089—Your Cost . . . . . \$2.30**



## Leatherette Case



## Dual Alignment Tool

One side has  $1\frac{1}{4}$ " screwdriver blade, opposite side has socket screwdriver for adjusting iron core tuning circuits. Handle  $2\frac{1}{2}$ " black bone fibre. Overall 6".  
**K15114—Your Cost . . . . . 28¢**

## Push-Button Tuner Aligning Tool

Special for aligning variable permeability push-button tuning units. Bone fibre handle  $\frac{3}{8}$ " dia.,  $1\frac{1}{8}$ " long; shank  $4\frac{1}{2}$ " long. Socket  $\frac{1}{2}$ " dia., contains recessed screwdriver nib.  
**K15115—Your Cost . . . . . 29¢**

## Flexible Tuning Wand

For determining correct alignment. A 6" flexible rod; one end brass loaded—the other, core steel. Placing either end in magnetic field of coil will show inductive condition.  
**K14978—Your Cost . . . . . 59¢**

## Solid Tuning Wand

Similar to above, except that the body is solid insulation.  
**K14978—Your Cost Each. 49¢**

## 4-1 Neutralizing Tool

Has pen clip for pocket.  $\frac{1}{4}$ " nut wrench with key slot, and aligning screwdriver. Bakelite.  
**K14915—Your Cost . . . . . 28¢**

## Insulated Hex Wrench

Hexed entire length; cut worn end and have a new wrench. Hex  $\frac{1}{4}$ ".  

Stock No.	Length	Your Cost
K15148	6"	12¢
K15149	8"	15¢

## Aligning Wrench

For adjusting air trimmers on RCA and Philco 1936-'37 and '38 sets  $\frac{3}{8}$ " Fenoline,  $8\frac{1}{2}$ " long.  
**K15144—Your Cost . . . . . 73¢**

## SUNCO Neon "Wand"

Permits instant visual measurement of peak currents, modulation, antenna output; indicates neutralization, etc.  $\frac{1}{2}$ " dia.,  $8\frac{1}{2}$ " long. Easy to use. Ideal for "hams."  
**K11307—\$1.50**  
**Each**

## PHILCO Aligning Tool

6" narrow fibre rod,  $\frac{1}{8}$ " dia., with special metal clip for air trimmers.  
**K15078—24¢**  
**Each**

## Brach Neon Test-O-Lite

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, appliances, etc. Distinguishes a.c. from d.c. Bakelite case. Complete with pocket clip.  
**K12983—Your Cost. \$1.10**

## Adjustable Balancer

Bone fibre—no metal parts. Screwdriver slides inside aligning wrench; other end has hex socket.  
**K15192—Extends 6" to 11". Your Cost Each . . . . . 34¢**  
**K15193—10" to 18" . . . . . 49¢**

## Neutralizing "Driver"

For aligning coils, condensers, etc.  
**K15083—18¢**  
**Each**

## U.H.F. Aligning Tool

Molded of pure Polystyrene—no capacity effect on critical circuits. With pocket clip.  
**K15075—Each . . . . . 24¢**

## Handy Neon Circuit Tester

Shows open circuits, polarity, continuity, etc. Checks fuses in circuit. Tiny neon lamp glows on only .1 ma. Coded leads have phono tips. 90-550 v.  
**K11310—59¢**  
**Low Voltage Type.**  
 Range 3 to 25v. Leads have alligator clips.  
**K11308—\$1.03**  
**Each**



## Pencil 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.  $\frac{1}{4}$ " diameter. Five foot red and black kinkless wire. Complete with two alligator clips, two needle point phone tips and two tapered lugs.  
**K12971—Your Cost . . . . . 73¢**  
 Similar to above, but fixed ends. With Spring Clip Ends  
**K12882—Per Set . . . . . 49¢**  
 With Phone Tip Ends  
**K12883—Per Set . . . . . 45¢**

## Laboratory Prods

Heavy duty. 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.  
**K12973—With spade tips. Each 42¢**  
**K12979—Phone tips.**

## Test Lead BARGAIN!

37-inch test leads equipped with phone tips at one end and 4-inch insulated prods at the other. Flexible leads; both leads and prods are colored red and black.  
**K12988—22¢**  
**Your Cost . . . . .**

## Needle and Solderless Tip Prods

Chucks and nuts hold plain phonograph needles (Type A). Fibre handles 4" long,  $\frac{3}{8}$ " diam., in red and black, colored kinkless wire. Type B is solderless tip with long point. Leads 50" long.  

No.	Wire Ends	Each
K12976	Phone Tips	29¢
K12975	Spade Lugs	29¢
K12977	Alligator	34¢

No.	Wire Ends	Each
K12958	Phone Tips	27¢
K12969	Spade Lugs	27¢
K12970	Alligator	34¢

## Test Prods

High grade insulated prods, available with three different types of tips. Type A is standard solderless phone tip with knurled collar; Type B has chuck and nut to hold plain phono needle; Type C has banana plug to fit standard banana jack. Red or Black—specify color.  

No.	Length	Each
K12881	5 $\frac{1}{2}$ "	14¢
K12884	6 $\frac{3}{4}$ "	18¢

No.	Length	Each
K12868	4 $\frac{1}{2}$ "	14¢
K12869	5 $\frac{1}{2}$ "	18¢

No.	Length	Each
K12912	2 $\frac{1}{4}$ "	12¢
K12913	8"	14¢

## "No Break" Prods

Of solid brass, nicked and covered with shockless and five rubber—1 red, 1 black; sharp pointed tips. Other end of 50" kinkless rubber wires have solderless insulated phone tips.  
**K12999—Pair . . . . . 42¢**  
**K13000—Same but with plain non-insulated phone tips. Your Cost Per Pair . . . . . 36¢**

## 10,000 Volt Test Leads

Safely test up to 10,000 volts. Necessary for television work. Large diameter bakelite prods, 6" long, have guarded midjet phone tips. 9" bakelite phone tips prods. 50" heavy duty cables of 18 gauge stranded tinned copper wire—low voltage drop. One red, one black. Shpg. wt. 1 lb.  
**K12885—\$1.47**  
**Per Pair . . . . .**

## Pencil Type Test Leads

5" long handles of red and black phenolic. Twin rubber, kinkless wire. Molded finger grip tips with set screws. 6 $\frac{1}{2}$ " overall.  
**K12988—Your Cost . . . . . 71¢**

## Mueller "Snapper" Probe

A 7" fibre insulated tube fitted with spring contact jaws that separate by thumb pressure on knob. Test leads connect under knob.  
**K14916—Red Handle . . . . . Each 38¢**  
**K14917—Black Handle . . . . . 38¢**

# MALLORY REPLACEMENT VIBRATORS



- 8 CONTACTS
- LONGER LIFE
- GREATER DEPENDABILITY

## 10% ADDITIONAL DISCOUNT

will be allowed from the prices shown below on all purchases of 6 or more Mallory Vibrators. Purchases may comprise 6 or more of one number—or they may be assorted. You save!

- 3 OUT OF EVERY 4 ARE MALLORY
- OVER 5,000,000 IN USE

No.	Type	List	Each	No.	Type	List	Each	No.	Type	List	Each	No.	Type	List	Each	No.	Type	List	Each
K6104	205	\$6.50	\$3.82	K6098	248	\$4.95	\$2.91	K6070	299	\$3.95	\$2.31	K6063	825	\$4.50	\$2.65	K6065	F826	4.75	2.79
K6106	210	7.50	4.41	K6171	249	4.95	2.91	K6138	302S	6.50	3.82	K7292	839	3.45	2.03	K6083	850	2.95	1.73
K6112	220B	4.00	2.35	K6123	253	3.95	2.32	K6122	500P	2.50	1.47	K6084	852	2.95	1.73	K6085	853	2.95	1.73
K6113	221	3.95	2.32	K6124	253T	3.95	2.32	K6170	501P	2.50	1.47	K6086	854	2.95	1.73	K6076	860	2.95	1.73
K6114	222	5.50	3.23	K6125	253Y	2.95	1.73	K6093	505P	2.50	1.47	K6085	853	2.95	1.73	K7293	863	2.95	1.73
K6165	224	7.00	4.12	K7282	264	4.95	2.91	K7285	506P	3.95	2.31	K6086	854	2.95	1.73	K7294	868	2.95	1.73
K6116	230	7.50	4.41	K6126	270B	5.95	3.50	K6071	507P	2.50	1.47	K6076	860	2.95	1.73	K7295	869	2.95	1.73
K6119	235	5.95	3.50	K6127	271	5.95	3.50	K7286	508P	2.50	1.47	K7293	863	2.95	1.73	K7296	901M	2.50	1.47
K6096	245	4.95	2.91	K6130	273C	5.50	3.23	K7287	509P	2.50	1.47	K7294	868	2.95	1.73	K6069	902M	2.50	1.47
K7278	245A	4.95	2.91	K6167	273D	5.50	3.23	K6072	510P	3.00	1.76	K7295	869	2.95	1.73	K6077	903M	2.50	1.47
K6088	245C	4.95	2.91	K6132	277S	5.95	3.50	K6073	514	4.95	2.91	K7296	901M	2.50	1.47	K6078	951P	5.25	3.19
K7279	245SW	4.95	2.91	K7284	285XS	7.00	4.12	K6074	716	4.95	2.91	K6069	902M	2.50	1.47	K6079	952W	4.95	2.91
K7280	W245A	4.95	2.91	K6133	286S	5.50	3.23	K7288	722A	4.95	2.91	K6077	903M	2.50	1.47	K7297	953W	4.95	2.91
K6097	246	4.95	2.91	K6135	292	3.45	2.03	K6062	725	5.50	3.23	K6078	951P	5.25	3.19	K7298	954	4.95	2.91
K7281	216A	4.95	2.91	K6136	294	2.95	1.73	K7290	728A	4.95	2.91	K6079	952W	4.95	2.91				
K7283	W216	4.95	2.91	K6787	294SW	2.95	1.73	K7289	743	4.95	2.91	K7297	953W	4.95	2.91				
K6169	247	4.95	2.91	K6137	296	2.95	1.73	K7291	744	3.95	2.32	K7298	954	4.95	2.91				

For Model	Use
<b>Admiral</b>	
L7, X6, X641, X741, Z4, Z5, 6P, 6PU, 7J	245C
69, 77, 78, 88, 770	850
6A, 6D, 7A, 66, 660	850

For Model	Use
<b>Arvin</b>	
5, 6, 7, 17, 17A, 18, 22A, 27, 28, 29, 32, 33, 37	294
9A, 10	850
10A, 15 (2-d), 16, 20A, 20H, 25 (2nd), 30A, B	292

For Model	Use
<b>Atwater-Kent</b>	
126, 136, 237Q, 416, 446, 467Q, 556	294
666, 776	296

For Model	Use
<b>Belmont</b>	
408A, 415A, B, 489A, B, 504A, 611A, 804, 823A	246
505A, 566, 567A, 661, 666A, R, 667, 677	294
580 (Rev.), 670, 680, 880A	294

For Model	Use
<b>Bosch</b>	
45A, 45C, 140, 140A, 150 (2nd), 160	271
139, 149, 524A, 536, 634A, 636, 637	253Y
736, 737, 738, 838	294

For Model	Use
<b>Buick</b>	
544245, 544246, 1291344, 1291345	273C
980507, 980508, 980509, 980525, 980526, 980529	273D
980455, 980459	222
980506, 980567	514
1304873, 1304874	514
980534, 980535, 980620, 1308221, 1314523	716

For Model	Use
<b>Cadillac</b>	
5X, 6KB, 1425470-71	248
06W, 072, 2722	210

For Model	Use
<b>Chevrolet</b>	
600153, 600249, 600565, 600566	222
601038, 601176-7, 601525, 601574, 601662, 601814	273C
985100, 985200	294
985253, 985255, 985283, 985284, 985286	852
985424, 985426	852
985252, 985254, 985285	852
985300, 985301	273D
985336	839
985537, 985538	869

For Model	Use
<b>Chrysler—See Philco</b>	
<b>Crosley</b>	
A155, 4A1, 5A3, 6B1	247
A156, A158, A163, A258, A266, A267, A268, A358, 587, 667, 5887	850
A156, A167, A177, A266, A157	853
A186, A255, A355, A366, A455, A555	273C
1178PE, 557	W246
416, 435, 546, 636, 6615	246

Manufacturers radio models, with proper Mallory replacement vibrator number, are shown below. When ordering, refer to tabulation above for stock number. Use stock number on orders.

For Model	Use
<b>Delco</b>	
626, 627, 629, 634, 635	273C
630, 631, 631A, 632-3	294
R644, R663, R664, R665, R666-7-8-9, R673	852
R675, R676, R677, R678, R685, R686, R687, R688, 868	860
R6010, R6011, R6012	245A

For Model	Use
<b>DeSoto—See Philco</b>	
<b>Detrola</b>	
6A, 1100, 1100A	220B
6M, 6R, 111, 112, 168	294
14-129, 144, 145B, 180	245

For Model	Use
<b>Dodge—See Philco</b>	
<b>Emerson</b>	
AS179, E128, U154, V155	294
667, 965	296
5A	277S

For Model	Use
<b>Fada</b>	
126, 127, 128 (NK)	245A
266, 266SD, 266SG, 267, 267SD, 267SF	294
101, 102, 104, 104B	221

For Model	Use
<b>Firestone</b>	
R133, R1332, 54, 61	294
R143, R178, R184, 1431	294
R1781	294SW

For Model	Use
<b>Ford</b>	
FT6, FT9, N-FND	500P
F1440, F1442, F1540	505P
6M390 (Zenith)	853

For Model	Use
<b>Galvin—See Motorola</b>	
<b>General Electric</b>	
B40, B52, C41	271*
C61	224
FB52, FB53, FB56, FB57	W246
FB72, FB73, FB76, FB77	W246
D72, M58, M60, N60, F460, F461, F480, N51	294
D50, D51, D52	286S

For Model	Use
<b>Graham—See Philco</b>	
<b>Grunow</b>	
5A, 614, 618	294
4NB, 7NB, 410, 411, 711	245

For Model	Use
<b>Hudson-Terraplane</b>	
C86, DB37, DB38, SA37, SA38	249
DB40, SA40	854

For Model	Use
<b>Hupmobile—See Philco</b>	
<b>Karadio</b>	
57, 57B, 63, 65, 66, 88, 150, 160, 180	296

For Model	Use
<b>Lafayette</b>	
AM20, A54, A60	296
B62	286S
J41, M94, D37	294
B92	248
L50, M44	285XS
L30, 6S	253

For Model	Use
<b>LaSalle</b>	
6R, 6S	294
5X, 6KB, 1425470, 1425471, 39 Master	248

For Model	Use
<b>L'Atro</b>	
H465, I465, J465, 6A	271
M4616, O4626, P4626 (2nd), Q5636, R5636, S5636 (2nd)	285XS

For Model	Use
<b>Majestic</b>	
66, 116, 116A, 118	220B

For Model	Use
<b>Mallory Vibrapacks</b>	
VP551, VP552	725
VP553, VP554, VP555, VP557	825
VP-F558	F826

For Model	Use
<b>Mission Bell</b>	
17, 18, 638, 638A, 3818	294
10A, 11, 12, 14, 16, 25A	292

For Model	Use
<b>Montgomery-Ward</b>	
5Y, 25Y1, 62-199	286S
61, 62-119, 62-166	253
62-202, 62-236, 62-242	294
62-264, 62-280, 62-345	246
62-363, 62-463, 62-465	246

For Model	Use
<b>Motorola</b>	
8-70, 8-80, 9-69, 19B, 24K, 34, 35, 45, 50, 60, 65, 70, 80, 90	901M
8-30, 8-40, 8-50, 8-60, 9-29, 9-44, 9-49, 15F, 17D, 180, 25N	902M
9-24	903M
57, 62, 75, 79, 100, 110	253T
44A, 66, 77A, Super 6	270B
77	230
44	235

For Model	Use
<b>Oldsmobile</b>	
393884, 393885, 405045, 405046, 405047, 405057, 405062-3, 982006-7-8	273C
982043, 982045, 982084	852
982044, 982083, 982085	852
982160	863
982161	868

For Model	Use
<b>Packard</b>	
PA333915 (3341, 3371), PA351099 (R3271)	854
PA351100 (R3271C)	854
PA351101 (R3291)	854
PA351102 (R3291C)	854

For Model	Use
<b>Philco</b>	
All Models To 1936 and 816	500P
817, 818, 819	501P
1937, 1938 Models	505P
821P, 821PV	506P
HT11X, T10	507P
920, 921, 922	508P

For Model	Use
<b>Pontiac</b>	
544245-6, 544268, 544290-1, 544297	273C
544298, 983506-7	273C
980455, 980459	222
983527, 983569-70	852
983617, 9832553	852
983526, 983534	852
983705, 983667	249
983680	863
983679	868

For Model	Use
<b>RCA</b>	
CV8, 6BK6, 6BT6, 8BK6	W245A
5M, 6M, 6M2, 8M3, 8M4, 67M1, 67M2, 67M3	249
8M, 8M1, 8M2, 9M1, 9M2	850
84BT6, 94BT6, 94BT6L	722A
85BT6	728A
M101, M104, M108	286S
M34, M105, M116	271*
M123	224

For Model	Use
<b>Sears-Roebuck</b>	
4405A, 4418, 4419, 4421, 4428A, 4430, 4433, 4434, 566, 666, 1869, 1949, 4405, 4407, 4428	246
	294

For Model	Use
<b>Sparton</b>	
33, 33A, 33B, 33C, 333	292
676, 677, 696	294
638-6, 638-6	245

For Model	Use
<b>Stewart-Warner</b>	
R143, R160, R178	294

# STAR Panel Plate Kits



Panel plate kits comprise the dial plate, dial scale (calibrated in kilocycles) and set of matched knobs only. All Star panel



plates are die-cast or stamped from heavy metal, and beautifully finished.

No.	Car Model and Year
K8221	Buick 1936 (All)
K9353	Buick 40, 60, 1937
K9354	Buick 80, 90, 1937
K9363	Buick 1938 (All)
K9315	Buick 1939 (All)
K8200	Buick 1940 (All)
K9343	Cadillac-Lasalle '36, '37
K9381	Cadillac-Lasalle 1938
K9311	Cadillac-Lasalle 1939
K8201	Cadillac-Lasalle 1940
K9343	Chevrolet 1935-1936
K9356	Chevrolet 1937
K9364	Chevrolet 1938
K9316	Chevrolet 1939
K8202	Chevrolet 1940 (All)
K9344	Chrysler Airstream 6, '36
K9357	Chrysler Royal 1937
K9365	Chrysler 1938
K9317	Chrysler 1939
K8203	Chrysler 1940
K9347	DeSoto DeLux 1936
K9359	DeSoto 1937
K9366	DeSoto 1938
K9318	DeSoto 1939
K8204	DeSoto 1940
K9348	Dodge 1936
K9360	Dodge 1937
K9367	Dodge 1938
K9319	Dodge 1939
K8205	Dodge 1940
K9351	Ford DeL. early 1936
K9349	Ford Stand. early 1936
K9350	Ford Stand. late 1936
K9352	Ford DeLux late 1936
K9361	Ford Standard 1937
K9362	Ford DeLux 1937
K9368	Ford 1938 (All Models)
K9320	Ford Standard 1939
K9309	Ford DeLux 1939
K8206	Ford Standard 1940
K8207	Ford DeLux 1940
K9876	Hudson 1936
K9877	Hudson 1937
K9369	Hudson 1938
K9310	Hudson 122, 1939
K9328	Hud. DeL. 112-118, 1939
K8208	Hudson 1940
K9330	Hud.-Terraplane 1937
K9384	Lafayette (Nash) 1937
K9373	Lincoln Zephyr 1936
K9878	Lincoln Zephyr 1937
K9392	Lincoln Zephyr 1938
K9321	Lincoln Zephyr 1939
K8210	Lincoln Zephyr 1940

No.	Car Model and Year
K9312	Mercury (Ford) 1939
K9884	Mercury (Ford) 1940
K9384	Nash Lafayette 1937
K9393	Nash Lafayette 1938
K9322	Nash Lafayette 1939
K8211	Nash-Lafayette 1940
K9375	Oldsmobile 1936
K9385	Oldsmobile 1937
K9394*	Oldsmobile 1938
K9323	Oldsmobile 1939
K8212	Oldsmobile 1940
K9376	Packard 120, 1936
K9386	Packard 120, 1937
K9387	Packard 115, 1937
K9395	Packard 6 & 8, 1938
K9313	Packard (All) 1939
K8213	Packard 1940 (All)
K9873	Plymouth Stand. 1936
K9377	Plymouth DeL. 1936
K9874	Plymouth Stand. 1937
K9388	Plymouth DeL. 1937
K9396	Plymouth DeL. 1938
K9324	Plymouth Stand. 1939
K9325	Plymouth DeL. 1939
K8214	Plymouth Stand. 1940
K8215	Plymouth DeL. 1940
K9343	Pontiac 1935, 1936
K9389	Pontiac 1937
K9397	Pontiac 1938
K9326	Pontiac 1939
K8216	Pontiac 1940
K9390	Stud. Dict. late 1937
K9391	Stud. Pres. late 1937
K9398	Studebaker 1938
K9893	Stud. Champion 1939
K9327	Stud. Commander 1939
K9308	Stud. President 1939
K9894	Stud. Champion 1940
K9895	Stud. Commander and President 1940
K9380	Terraplane 1936
K9330	Terraplane 1937
K9399	Terraplane 1938
K9331	Willys '37, '38, '39, '40
K9383	Universal Under Dash Mounting Kit

## All Plate Kits

List \$2.25  
**Your Cost Each \$1.32**  
 Less Rem. Control...  
 \*Unit for Olds. 1938 consists of plate assemb., remote control head with switch... \$3.97

## STAR Remote Control



Fit all cars, all radios. No drilling or filing necessary. May be used with both clock-

wise or counter-clockwise condensers. Direct drive; no cord, no cable. Adjustable to any gear ratio; 5 interchangeable gears supplied for 6, 8, 10, 12 and 16 to 1 ratios. In addition to gears, all end fittings, lock nuts, pilot light socket, etc. furnished. Order plate kit from listing above. Illustration shows the control assembly and plate kit mounted. Shpg. wt. 2 lbs.  
**K9339—Less Plate Kit Your Cost Each \$2.06**

**2-Stage (Local-DX) Sensitivity Switch**  
 S. P. S. T. switch Assemble in place of plate on the tuning unit. Solder lugs S2.  
**K9333—EACH \$2.96**

## Tone Controls

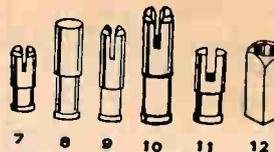
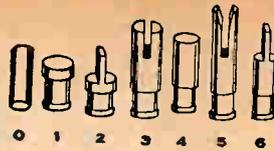
**T-1:** 3-stage variation. Assembled in place of volume control shaft.  
**K9334—\$1.18 Each**  
**ST-1:** As above, with "on-off" switch, insulated leads, fuse retainer and pilot light socket.  
**K9336—Your Cost \$1.76**  
**T-2:** Same as T-1, but variable (100,000 ohms).  
**K9335—Each \$1.18**  
**ST-2:** As above, with switch, leads, etc.  
**K9337—Your Cost \$1.76**

**"On-Off" Power Switch**  
 Switch with long leads, fuse retainer pilot light lead and socket. Assemble in place of plate on tuning unit S1.  
**K9332—EACH \$5.96**

**PLATES FOR 1941 CARS**  
 Panel plate kits for 1941 cars will be available after November 15, 1940; same prices as above. Order by Make and Model No. Deliveries will be made promptly.

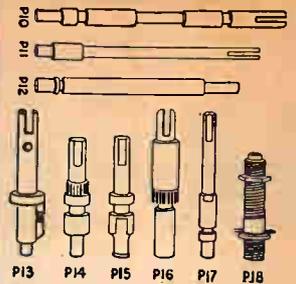
# J.F.D. Auto Radio Cable Fittings

## Special Fittings



Match old fittings from illustrations; order by stock number.

No.	No.	Type	Each
K8414	K8312	0	1
K8415	K8313	1	1
K8421	K8319	2	3 1/2
K8416	K8314	2	4
K8418	K8316	3	5
K8422	K8320	4	5
K8411	K8323	5	5
K8417	K8315	6	5 1/2
K8419	K8317	6	5 1/2
K8420	K8318	7	6
K8423	K8321	8	6
K8424	K8322	9	6
K8329	K8330	10	6
		11	6
		12	6

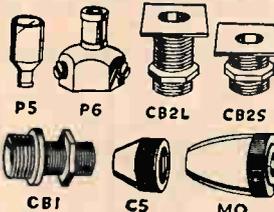


Machined from brass. Order by number from illustrations above. For .130" cables.

No.	Type	No.	Type
K8084	P10	K8089	P15
K8085	P11	K8090	P16
K8086	P12	K8091	P17
K8087	P13	K8092	P18
K8088	P14		

Any Type, Each... **29c**

## Special Fittings



Order by stock number from illustrations above. All are for .150" cables except M0130, which is for .130" cable. Type C5 is special casing chuck for Motorola; types M0130 and M0150 are bell ends for Motorola cables.

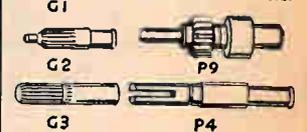
No.	Type	Each
K8294	P5	
K8295	P6	
K8296	CB2-L	15c
K8297	CB2-S	
K8298	CB1	
K8282	C5	9c
K8283	MO(.130")	29c
K8284	MO(.150")	

## Housing Ends



Made of brass. For .150" cables.  
**K8430** F ..... } **3 1/2c** Each  
**K8293** B ..... }  
**K8431** C ..... } 4c Each  
**K8429** A ..... } 5 1/2c Each  
**K8292** D\* ..... } 4c Each  
 \*For .130" cables.

## Gear Fittings



No.	Type	Each
K8425	G1	
K8426	G2	
K8427	G3	
K8428	P4	
K8331	P9	35c

**24c**

## Cable and Housing

Finest quality cable for auto radio remote controls. Cable ends swaged—cannot unravel. Write for special prices on long lengths. Wt. 1 lb. per foot.

Cable Only		No.	Length	Each
.130"	.150"			
K8299	K8433	18"	24c	
K8300	K8434	24"	29c	
K8301	K8302	30"	36c	
K8303	K8435	36"	42c	

**Cable and Steel Housing**  
**K8304** K8437 18" 37c  
**K8305** K8438 24" 50c  
**K8306** K8307 30" 62c  
**K8308** K8439 36" 73c

We can supply cables complete with any two fittings shown, at an additional 50c. Specify stock numbers when ordering.  
**Special Cable for Majestic, Clarion, A. K., and Arvin Sets**  
 9-foot Bowden cable with 8-foot sheath. Exact dup. **\$1.35**  
**K16078—Your Cost**

### SERVICEMANS SPECIAL

#### Auto Suppressors

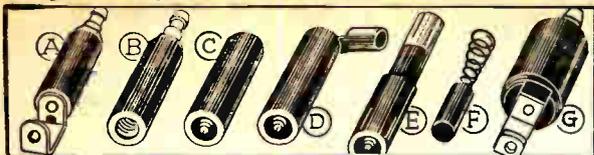
**7c**  
 Each Lots of 25  
**6c Ea.**

High quality units in bakelite cases. Brass fittings. New LOW prices.  
**K5272—Univ. Spark Plug**  
**K5292—Distributor**

### CROWE Automatic Cut-Out

Saves your auto radio vibrator by automatically cutting out the headlamps, heater and other accessories every time anyone steps on the starter. The instant the starter is released, the Cut-Out automatically restores these circuits. Contacts in Cut-Out of special long life alloy. Size: 2 1/2 x 2 1/2 x 1 3/4". With mounting bracket for motor or fire-wall mounting, all hardware and complete, easy to follow instructions. Shpg. wt. 1 lb.  
**K9401—Your Cost Each \$1.73**  
 Lots of 6... \$9.37

# Trutest Auto Radio Suppressors



High quality suppressors housed in black molded cases. All popular types are shown and listed.

- | No.   | Type | Description                                 |
|-------|------|---|
| K5283 | A    | Standard Spark Plug                         |
| K5246 | A    | Special for Ford V8                         |
| K5278 | B    | Compact Spark Plug                          |
| K5247 | B    | Compact Spark Plug Type for Ford V8         |
| K5253 | C    | Cable Type for Buick                        |
| K5285 | D    | Elbow Cable Type                            |
| K5279 | E    | Standard Distributor                        |
| K5293 | F    | Distributor Type for Ford 1936 and earlier  |
| K5277 | F    | Distributor Type for Ford 1937-'38-'39-'40. |
| K5256 | D    | Elbow Type for 1938 Plymouth                |
- 10 For ..... 81c  
50 For ..... \$3.85  
**Your Cost Each..... 9¢**

## Wire Wound Units (G)

Most efficient type. Do not impair motor efficiency. Low d.c. resistance, high inductance. Acts as r.f. choke. Extra rugged.  
K5296—Spark Plug Type  
K5297—Distributor Type  
Either Type, Each..... 27¢  
10 (Assorted) For..... \$2.40

## Master Distributor Unit

Hermetically sealed; impervious to moisture and heat. Eliminates need for other suppressors. D.C. resistance is 10,000 ohms.  
K5284—Each..... 27¢  
5 For..... \$1.25

## Generator Condensers

Standard auto radio condensers designed to eliminate generator noise. Fully shielded. Dirt and oil proof.



- | No.    | Mfd. | Each | 10 For |
|--------|------|------|--------|
| K14220 | .25  | 12c  | \$1.10 |
| K14215 | .5   | 18c  | 1.70   |
| K14216 | 1.0  | 23c  | 1.80   |
- K14198—Similar to above, but Dual; 2—5 mfd., 2 leads.  
**Your Cost..... 34¢**

## FORD V8 Condensers



Tailor made for Ford V8's.  
K14219—Type A. For V8 models up to 1936.  
K14199—Type (B) for '37 to '40. 10 For \$1.59  
**Your Cost Each, Either Type..... 17¢**

## MOTOROLA 65 and 70

Condenser  
High voltage condenser. Consists of two .0003 mfd. 1000 volt units in a single housing. Four leads. Made by Sprague.  
K14207—Your Cost Each 26¢  
5 For..... \$1.17

## Ammeter Condenser

Eliminates noise in ammeter, horn, etc. 10 For \$1.70  
K14218—Your Cost Each..... 19¢

## Wheel Static Eliminator

Eliminates front wheel noise. Easy to install in each hub cap. All rust proof.  
K5294—Your Cost Each..... 5¢  
10 For..... 37c

## "A" Line R.F. Filter

For eliminating interference coming through the "A" supply. This is tested by disconnecting antenna and noting whether interference persists. Fully shielded.  
K14205—Your Cost..... 73¢

## Dome Light Filter

Eliminates the noise in dome light wiring. Has condenser-choke.  
K14208—10 For \$1.35  
**Your Cost..... 15¢**

## Noise Filter

Eliminates the need for spark plug suppressors by cutting out all ignition interference. Installed in antenna lead of set; shielded lead supplied. Complete instructions. Shpg. wt. 2 lbs.  
K14202—Each..... \$1.05

## Vibrator Condensers

Oil impregnated. Rated at 1600 volts. Small square metal cans are 1 1/4 x 1/2 x 1/4" (K3246 is 1/2 x 1/2 x 1/4").

No.	Mfd.	No.	Mfd.
K3240*	.007	K3241*	.01
K3242*	.02	K3243	.007
K3244	.01	K3245	.02
K3246*	.007		

**Your Cost, Any Type..... 22¢**  
In lots of 10 (Assorted)..... \$1.98  
\*Have two leads—others, one.

## Copper Shielding



Used for shielding of interference creating circuits. Closely woven.

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

## Shielded 7 MM. Wire



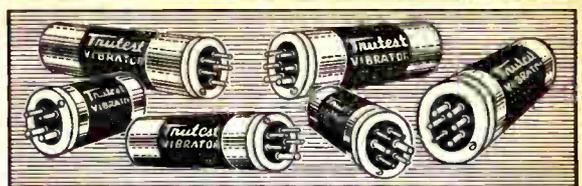
Lacquered braided wire with a heavy rubber wall and outer covering of tinned copper shielding. Wt. 7 lbs. 100 ft.  
K16211—Per Foot..... 4 1/2¢  
K16213—100 Foot Spool..... \$4.20

## 7 MM. Ignition Wire



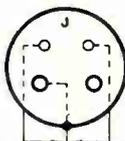
Standard 7 mm. black lacquered braided wire. Moisture proof. Shpg. wt. 7 lbs. per 100 ft.  
K20851—Per Foot..... 3¢  
K20852—100 Feet..... \$2.50

# Trutest VIBRATORS



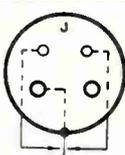
The Trutest line of replacement vibrators has been designed to fulfill the servicing requirements for the great majority of auto and home type receivers (using vibrators). All are scientifically designed to provide efficient, long-lived service, and all are factory tested before shipment. The prices quoted are unusually low for merchandise of this fine quality—you save on every purchase. Shpg. wt. each 2 lbs.

## 4-Prong Non-Synchronous



A general purpose vibrator that fits a tremendous number of sets using a standard 4-prong base non-synchronous vibrator. Size 1 1/2" dia., 3 3/8" high.  
K14635—Your Cost Each, Special..... 92¢  
In Lots of Six, Your Cost Each..... 90c

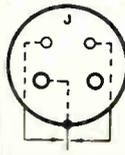
## NON-SYNCHRONOUS



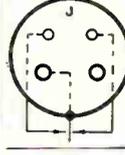
4-prong, 2 1/4" by 4 3/8" high. Exact replacement for Philco #38-5036, all models up to 1936 except model 816.  
K14632



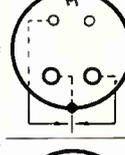
4-prong, 2" by 3 3/8" high. Exact replacement for Philco #41-3170. For 1936-7-8 sets, except model 816.  
K14636



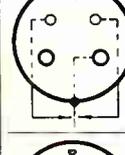
4-prong, 1 3/4" by 4 3/8" high. Exact replacement for Philco #41-3186. Fits Philco auto radio model 816, etc.  
K6026



4-prong, 1 1/2" by 3 3/8" high. Exact replacement for Philco #41-3398. Fits 1939 model sets, including 920, etc.  
K6028



4-prong, 1 3/8" by 3 3/8" high. Special pin arrangement. Exact replacement for Delco and General Motors sets.  
K6027

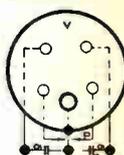


4-prong, 1 1/2" by 3 3/8" high. Exact replacement for Firestone, Stewart-Warner, Zenith, etc. auto radios.  
K6029

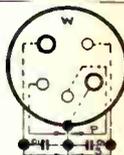


6-prong, 1 1/4" by 3 3/8" high. Standard 6-prong unit for Arvin, Ford, Zenith, Bosch and other makes of auto radios.  
K6030

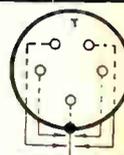
## SYNCHRONOUS



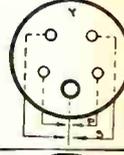
5-prong, 2" by 4 1/2" high. With condensers. For Delco, General Motors, Crosley and Colonial  
K6032 \$2.20 Each.  
Lots, 6 Ea. \$1.95



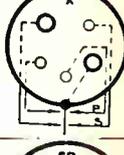
5-prong, 2" by 4 1/2" high. With condensers. For Delco, General Motors and Grunow sets.  
K6033 \$2.20 Each.  
Lots, 6 Ea. \$1.95



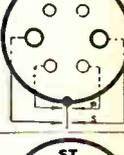
5-prong, 1 1/4" by 3 3/8" high. Without condensers. For Arvin, Bosch, Detroit, Grunow, Firestone, etc.  
K6031



5-prong, 1 1/2" by 3 3/8" high. For most household sets (Admiral, Simplex, Western Auto, etc.). Without condensers.  
K6034



5-prong, 2" by 3 3/8" high. Without condensers. For Delco and General Motors auto radio receivers.  
K6035



6-prong reversible, 1 1/2" by 3 3/8" high. For General Electric, R.C.A., Delco, Montgomery-Ward, etc.  
K6036



6-prong, 1 1/4" by 3 3/8" high. Without condensers. For Crosley, G.E., Silverstone, Zenith, Philco, etc. Farm and auto.  
K6037

In Lots of 6, Each..... 90c  
**Your Cost Each..... 92¢**  
Lots of 6, Each..... \$1.75  
**Your Cost Each..... \$1.95**

**We Will Not Knowingly Be Undersold**



# AUTO RADIO AERIALS

## SPECIAL VALUES!

### Side Cowl Antenna

Made of brass tubing triple chromium plated. Brass inserts insure accurate fitting. Bakelite insulators. Shpg. wt. 3 lbs. each.

**2 SECTIONS:** extends from 23" to 49" with 36" rubber covered lead-in. **89¢**

**K21939—Each** . . . . . 89¢

Lots of 6. Each . . . . . 79¢

**3 SECTIONS:** as above, extends from 20" to 60".

**K21940—** **\$1.08**

Each

Lots of 6. Each . . . . . 98¢

**3 SECTIONS:** 31½" to 96". With shielded low-loss cable.

**K21941—** **\$1.95**

Each

### Underhood Antennas

Same construction as above cowl types, but for underhood mtg. No drilling required. Rust-proof and noise proof. With single bracket (except K21947 which has two brackets) and shielded lead-in cable.

**2 SECTIONS:** 23" to 49". **K21945—** **95¢**

Each

**3 SECTIONS:** 20" to 60". **K21946—** **\$1.31**

Each

**3 SECTIONS:** 31½" to 96". Two brackets. **K21947—** **\$1.89**

Each

### Hinge Antennas

Made of Admiralty brass, triple chrome plated, rust-proof. Have live rubber insulator. Supplied with heavy-duty flexible lead-in cable. Shpg. wt. each 3 lbs.

**1 SECTION:** Non-telescopic. Length 39". **K21948—** **45¢**

Each

**2 SECTIONS:** Extends from 25" to 60". **K21949—** **65¢**

Each

**3 SECTIONS:** Extends from 20" to 62". **K21950—** **\$1.15**

Each

**3 SECTIONS:** Extends from 23½" to 72". **K21927—** **\$1.35**

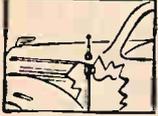
Each

### J.F.D. "Disappearing" Aerial

Manual control 4-section unit. Collapsed, 1½" extends to 60". Admiralty brass tubes with fluted "riders"; noiseproof. 36" low-loss lead, and locking key. Wt. 3 lbs. List \$5.00

**K22068—** **\$2.90**

Your Cost



### Fuse Retainer



Two piece connector of heavy metal, with fibre inside insulation. 2½" long. Powerful spring contact. **K12372—Each** . . . . . **5¢**

12 For . . . . . **50¢**

### "Jumbo" Fuse Retainer

2½" long by ½" diameter. Replacement for Philco and Motorola. With bushings, springs, etc. **K8349—Your Cost Each** . . . . . **10¢**

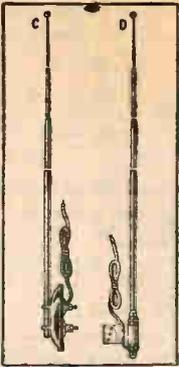
10 For . . . . . **89¢**



## Fluted Tube AUTO RADIO AERIALS



IMPROVED line of auto radio aerials for all purposes. Feature the latest development—**Fluted Tube, Contact Track, Noiseless Sections.** Aerials are free from mechanical noises—and there is no grease or oil used, no inner strips, etc. Fluted tubing also has 25% added pick-up surface, is stronger and more rigid. Made of Admiralty brass tubing, heavily chrome plated. All have anti-static ball tips and molded bakelite insulators. **All supplied with 36" lacquered braid**



low loss shielded lead-in. Shpg. wt. each 3 lbs.

### (A) Standard Side Cowl

Easy-to-mount telescopic cowl antennas available in various sizes for every purpose. Each model available with bayonet type connector at end of the 36" shielded low-loss lead-in or with pin-plug connector. All will provide efficient pick-up; noise-free.

Stock No.	Sec-tions	Length Min.	Length Max.	Con-nectors	Your Cost
K22045	2	30-54"	Bay.		\$1.28
K22047	2	30-54"	Plug		\$1.28
K21989	3	30-66"	Bay.		\$1.72
K21952	3	30-66"	Plug		\$1.72
K21991	3	34-78"	Bay.		\$2.05
K21953	3	34-78"	Plug		\$2.05
K22037	3	38-100"	Bay.		\$2.20
K22043	3	38-100"	Plug		\$2.20
K21976	4	32-104"	Bay.		\$2.55
K22048	4	32-104"	Plug		\$2.55

**10% DISCOUNT IN LOTS OF 6**

### (B) Sloping Cowl Type

For 1940 Chrysler, Dodge, Plymouth, DeSoto, Zephyr, Studebaker, etc.

No.	Sec-tions	Length	Conn.	Each
K21955	3	30-66"	Bay.	\$1.72
K21956	3	30-66"	Plug	\$1.72
K21957	3	38-100"	Bay.	\$2.20
K21958	3	38-100"	Plug	\$2.20

### (C) Special Cowl Type

For Packard, Buick, Ford, Mercury, etc.

No.	Sec-tions	Length	Conn.	Each
K21960	3	30-66"	Bay.	\$2.20
K21961	3	30-66"	Plug	\$2.20
K22049	3	38-100"	Bay.	\$2.90
K22050	3	38-100"	Plug	\$2.90

### (D) Underhood Aerials

No.	Sec-tions	Length	Conn.	Each
K22051	2	30-54"	Bay.	\$1.40
K22052	2	30-54"	Plug	\$1.40
K22053	3	30-66"	Bay.	\$1.72
K22054	3	30-66"	Plug	\$1.72
K22055	3	38-100"	Bay.	\$2.20
K21959	3	38-100"	Plug	\$2.20



### Double Rubberall Aerial

Trombone type deluxe car antenna. Steel rods sealed in rubber. With new mushroom type rubber insulators and mounting brackets. No drilling. **K22035—Shpg. wt. 5 lbs. Your Cost** . . . . . **\$1.65**

### J.F.D. Lo-Loss Shielded Cables

All heavily lacquered, covered by shielded loom and processed braiding. All for antenna.

**K21805—** 2 ft. male connector and ant.-gnd. lead. **Each** . . . . . **26¢**

**K21806—** 2 ft. male and female connector. **Each** . . . . . **26¢**

**K22027—** 4 ft. male connector and ant.-gnd. lead. **Each** . . . . . **38¢**

**K22028—** Same, but 6 ft. **Each** **45¢**

**K22029—** Same, but 8 ft. **Each** **72¢**

**K21808—** 3 ft. male and swivel screw. For side cowl aerials. **Ea.** **50¢**

**K21803—** Motorola lead with Standard Motorola coupler and swivel screw. 18" long. For side cowl aerials. **Each** . . . . . **44¢**

**K21801—** For Standard Motorola; lead plus plug-in and antenna coupler. 30" long. **Each** . . . . . **72¢**

### Auto Body Plug

Plug up aerial holes in auto tops, cowl, etc. Large flat-head machine screw with lock washer, rubber spacer, and nut. Brass, chrome plated. ½" long, 11⁄16" head. **K8332—Each** . . . . . **15¢**

Box of 12. **Your Cost** . . . . . **\$1.62**



### Plug Connectors

**K21810—(A).** For Motorola lead-in. **6¢**

**Your Cost** . . . . . **6¢**

**K21800—(B).** For Motorola, with adapter for standard lead-in. **Your Cost** . . . . . **15¢**

**K21809—(C).** For '39 Buick lead-in. **9¢**

**Your Cost** . . . . . **9¢**

**K21799—(D).** For '39 Buick, adapter for stand. lead-in. **18¢**

**Your Cost** . . . . . **18¢**

**K21797—(F)** Bayonet female fitting one end, receptacle for tip plug on other end. **20¢**

**Your Cost** . . . . . **20¢**

**K21798—(E)** Bayonet male fitting one end, receptacle for tip plug other end. **20¢**

**Your Cost** . . . . . **20¢**

### Molded Auto Radio Knobs

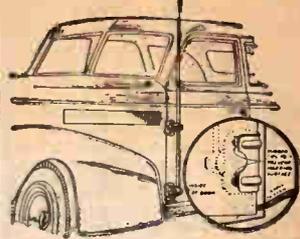
For ¼" or ⅜" shafts.

No.	Color	No.
K9834	Black	K9839
K9835	Brown	K9840
K9836	Brown	K9841
K9837	Pearl Grey	K9842
K9838	Chrom.	K9843

Any Type, Each **9¢**



## I.C.A. Cowl Antennas



Made of Admiralty brass, triple chrome plated (last section stainless steel). No drilling required. With 36" low capacity lead-in wire. Shpg. wt. 3 lbs.

### 10% DISCOUNT IN LOTS OF 10 OR MORE

No.	Sections	Length	Each
K21825	2	28-49"	\$1.73
K21826	3	23½-72"	2.32
K21827*	4	33½-108"	3.50

\*Adaptable for 2-way com. systems.

## Hinge Aerials

Constructed of brass, heavily chrome plated. Strong cast bracket of white metal with large bolt and lock nut. Absolutely rust proof. Furnished with 3-foot weatherproof lead-in cable. Maximum extended length, both models listed, 50". Shpg. wt. each 3 lbs.

**K21987—2-Section** **89¢**

**Your Cost** . . . . . **89¢**

**K22046—3-Section** **\$1.15**

**Your Cost** . . . . . **\$1.15**

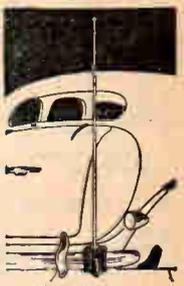


## 8-Ft. Bumperod

**3-Piece** Telescopic unit, three sections. Maximum Length 8-foot (ideal for 5-meter work). Steel, rust proof with overall cadmium plating. Fits any front or rear bumper. With shielded lead. Shpg. wt. 4 lbs. **\$1.29**

**K22032—Your Cost** . . . . . **\$1.29**

**K21820—De Luxe Model.** Made of Admiralty brass. Triple chromium plating. Upper section stainless steel. **Your Cost** . . . . . **\$2.10**



## Rubber Tubing

For replacement on Hinge, Cowl, Undercar antenna lead-ins, etc. Strong, pliable and waterproof. Protects lead-in from fraying, and insures good reception. **K16050—Per Foot** . . . . . **2¢**



## Antenna Connector

Two-piece metal container, fibre inside insulation. **12 for 30¢.** **K16714—Your Cost** . . . . . **4¢**

## LITTELFUSE Auto Fuses

Lower resistance than standard fuses. 1¼x¼".

Rating	Your Cost
K12320—5 amps.	<b>3¢ ea.</b>
K12321—10 amps.	
K12322—15 amps.	
K12323—20 amps.	



# Lafayette Radio Corporation

Mail Your Orders to Warehouses at:

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Use our convenient order blank (additional blanks sent on request). Please write in ink, legibly, and not more than ONE item to a line. Make sure you write the exact stock number and that the price is the one quoted for the item you want. Specify how we shall make shipment by checking the preferred square "Parcel Post", "Express", etc. We shall follow your instructions, but will change them wherever we are sure that such a change is to your better interest. Please keep all correspondence or remarks relative to your order on a separate sheet of paper. Make sure you include sufficient postage; all overpayments promptly refunded (if overpayment is under 10¢, we will credit your account).

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We buy for cash and sell for cash; this explains our low price policy. We do not carry credit accounts, and we pass on to our customers all savings affected by the elimination of costly bookkeeping. We will ship C.O.D. if desired, providing a deposit of at least 20% accompanies your order. C.O.D. parcels may be shipped ONLY to places in the 48 states of the U.S. and to U.S. territories. On small orders, remittance in full saves you extra costs.

### FOREIGN ORDERS

On foreign orders we require payment in the United States by irrevocable and confirmed letter of credit against documents, or 50% deposit with order, balance sight draft against B/L. All quotations F.O.B. our warehouse, with slight additional charge for export packing. Orders up to \$25.00 payable in full in advance, including postage. All remittances payable in U. S. funds.

### 2% TRANSPORTATION ALLOWANCE

On mail orders of \$25.00 or more, we allow you to deduct 2% from the total as transportation allowance, with the following exceptions: All Lafayette and National Co. products; all items sold under Fair Trade regulations; all items marked "shipped Postpaid".

### RETURNS

If you find it necessary to return any merchandise for adjustments, please write in advance stating the following: reason for return—when and where purchased—number of sales slip (if purchased over the counter). If your shipment is received damaged, obtain a report from the postmaster or express agent and mail it to us. Use a separate sheet of paper for all adjustment matter; do not add remarks to a new order for parts. Do not include money in the package you return. When returning merchandise, pack carefully, insure, and write your name and address on all packages and letters. Adjustments may take 10 days.

### FINAL PRICES

Prices shown in this catalog are net, and except where marked POSTPAID, do not include postage. All discounts have been deducted, including 2% discounts for cash. Prices are subject to change without notice; we give customers the benefit of all reductions taking place after the catalog is published.

### POSTPAID ITEMS

Items marked "Shipped Postpaid" do not require postage. Postpaid items refer only to shipments made within the 48 states of the U. S. only (does not include U. S. possessions).

### SENDING MONEY

The safest and best way to send money is by: American Express; Post Office or Telegraph Money Order; bank drafts; firm checks; stamps. Do not send cash. If absolutely necessary to remit cash, send by registered mail only.

### PARCEL POST RATES FOR ALL ZONES

Parcels up to 8 ounces may be shipped anywhere in the United States for 6c. Parcel post shipments to any zone must not exceed 70 pounds. The limit of size on all parcel post packages is 100 inches in length and girth combined, at widest point. Example: a package 35 in. long, 10 in. wide and 5 in. high measures 65 in. in length and girth combined (length 35 in., plus twice 10 in. width, plus twice 5 in. height, equals 65 in.).

Weight In Pounds	ZONES							
	First Up to 50 Mi.	Second 50 to 150 Mi.	Third 150 to 300 Mi.	Fourth 300 to 600 Mi.	Fifth 600 to 1000 Mi.	Sixth 1000 to 1400 Mi.	Seventh 1400 to 1800 Mi.	Eighth Over 1800 Mi.
1	\$.08	\$.08	\$.09	\$0.10	\$0.11	\$0.12	\$0.14	\$0.15
2	.10	.10	.11	.14	.17	.19	.23	.26
3	.11	.11	.13	.17	.22	.26	.32	.37
4	.12	.12	.15	.21	.27	.33	.41	.48
5	.13	.13	.17	.24	.33	.40	.50	.69
6	.14	.14	.19	.28	.38	.47	.60	.70
7	.15	.15	.21	.31	.43	.54	.68	.81
8	.16	.16	.23	.35	.49	.61	.77	.92
9	.17	.17	.25	.38	.54	.68	.86	1.03
10	.18	.18	.27	.42	.59	.75	.95	1.14
11	.19	.19	.29	.45	.64	.82	1.04	1.25
12	.21	.21	.31	.49	.70	.89	1.13	1.36
13	.22	.22	.33	.52	.75	.96	1.22	1.47
14	.23	.23	.35	.56	.80	1.03	1.31	1.58
15	.24	.24	.37	.59	.86	1.10	1.40	1.69
16	.25	.25	.39	.63	.91	1.17	1.49	1.80
17	.26	.26	.41	.66	.96	1.24	1.58	1.91
18	.27	.27	.43	.70	1.02	1.31	1.67	2.02
19	.28	.28	.45	.73	1.07	1.38	1.76	2.13
20	.29	.29	.47	.77	1.12	1.45	1.85	2.24
For Each Added lb. Add	1¢	1¢	2¢	3½¢	5¢	7¢	9¢	11¢

### EXPRESS CHARGES

Express charges are also determined by the weight of the shipment and distance of the consignee from shipper. The following chart enables you to estimate charges.

Maximum Distance in miles	50 Mi.	150 Mi.	300 Mi.	500 Mi.	750 Mi.	1000 Mi.	1500 Mi.	2000 Mi.
cost up to 5 lb.	\$0.25	\$0.25	\$0.25	\$0.30	\$0.35	\$0.45	\$0.50	\$0.72
" " 10 lbs.	.30	.30	.31	.40	.50	.65	.70	1.34
" " 15 lbs.	.30	.34	.41	.51	.67	.73	1.00	1.96
" " 20 lbs.	.30	.42	.51	.64	.85	.94	1.30	2.57
" " 25 lbs.	.35	.60	.61	.78	1.04	1.15	1.60	3.19
" " 35 lbs.	.45	.66	.82	1.05	1.41	1.57	2.20	4.42
" " 45 lbs.	.55	.82	1.02	1.34	1.79	1.99	2.80	5.66
" " 55 lbs.	.65	.98	1.23	1.59	2.16	2.40	3.40	6.89
" " 75 lbs.	.85	1.30	1.63	2.13	2.91	3.24	4.60	9.36
" " 95 lbs.	.99	1.60	2.04	2.67	3.66	4.08	5.80	11.83
For Ea. 100 lbs.	.99	1.60	2.04	2.67	3.74	4.18	6.00	12.34

### INSURANCE

Parcel post insurance rates are: 5¢ for parcels up to \$5.00; 10¢ for parcels from \$5.00 to \$25.00; 15¢ for parcels from \$25.00 to \$50.00; 25¢ for parcels from \$50 to \$100.00. After \$100.00 the charge for each additional \$50.00 is 5¢ extra. ALL PARCELS WE SHIP MUST BE INSURED.

Express insurance rates are: for shipments under \$50.00, no extra insurance charge; for shipments valued from \$50.01 to \$150.01 charge is 10¢. For each additional \$100.00 value or portion thereof, charge is 10¢.

### EXPRESS & FREIGHT SHIPMENTS

Express and 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.

### C. O. D. SHIPMENTS

Transportation charges on C.O.D. parcels are slightly higher than those sent prepaid. C.O.D. charges in addition to the regular postage costs outlined above are as follows (including insurance): When value of parcel is up to \$5.00 the extra charge is 12¢; \$5.00 to \$25.00 the extra charge is 17¢; \$25.00 to \$50.00 the extra charge is 22¢; \$50.00 to \$100.00 the extra charge is 32¢; \$100.00 to \$150.00 the extra charge is 40¢; \$150.00 to \$200.00 the extra charge is 45¢. For each \$50.00 value above \$200.00 the charge is 5¢ more (including insurance). The Post Office also charges an extra small money order fee on each C.O.D. parcel. Save these fees by remitting in full.

**NOTE:** Equipment built or ordered especially to meet customers requirements not subject to exchange, credit or refund. All orders for special merchandise must be accompanied by a deposit.



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# I WILL TRAIN YOU TO START A SPARE TIME OR FULL TIME RADIO SERVICE BUSINESS WITHOUT CAPITAL

J. E. SMITH, President  
National Radio Institute

**I Trained These Men**

H. W. Spangler has a successful Radio Business in Knoxville, Tenn., which pays \$50 to \$60 a week. Business is good and he has hired a serviceman and errand boy. He thanks N.R.I. for his success.



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You can get this lesson Free by mailing the coupon!

**PAGE  
192**

**A Tested Way  
to BETTER PAY**

The world-wide use of Radio has made many opportunities to have a spare time or full time Radio service business of your own. Over 28,000,000 homes have over 40,000,000 Radios. There are more Radios than telephones. Every year millions of these Radios go out of date and are replaced. There's an opportunity to earn good commissions selling new sets. Millions more need new tubes, need repairs. There is an opportunity to make money servicing Radios. I will train you at home in your spare time to sell, install, fix all types of Radios; to start your own Radio service business and build it up on money you make in your spare time while learning. You don't have to give up your present job, or spend a lot of money going away to school to become a Radio Technician. Find out why this is true. Mail the coupon below for my 64-page book. It's free—it shows what others have done—what I am ready to do for you.

### Many Start Their Own Radio Businesses —Make \$5 to \$10 a Week Extra— in Spare Time While Learning

Here's why they can do it. Here's how they do it. I start sending Extra Money Job Sheets the day a student enrolls—start showing how to do Radio repair jobs. The first jobs are simple, to be sure, but throughout the Course I send additional plans, directions, instructions for doing other, more complicated, and therefore better paying jobs. That's why many students make \$5 to \$10 a week extra in spare time while learning. That's why many N.R.I. men, while still students, cash in; start building their own Radio service businesses.

### I Will Train You for Good Jobs Too Many Radio Technicians Make \$30, \$40, \$50 a Week

Anyone can tune a Radio set, but few can service one. That's why many qualified Radio Technicians make such good money installing, fixing, selling home and auto Radio sets, operating and maintaining Broadcast, Police, Aviation, Commercial Radio stations; selling, installing, servicing Loudspeaker systems. That's why many open their own Radio sales and repair businesses and make \$30, \$40, \$50 a week. Why others hold their regular jobs and make \$5 to \$10 a week extra fixing Radios in spare time.

### How I Give You Practical Radio Experience While Learning

I send you special Radio equipment; show you how to conduct experiments, build circuits illustrating

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### Find Out How I Train You for Radio and Television

Act Today. Mail the coupon now and I will send you "Rich Rewards in Radio", and a free sample lesson. Find out what Radio offers in spare time and full time opportunities; what opportunities are coming in Television. Read the details of my Course in Radio and Television; read more than 100 letters from men I have trained. Read what they are doing, earnings. Read my Money Back Agreement and how it protects you. MAIL COUPON BELOW in an envelope or paste on a postcard—NOW.

J. E. SMITH, President  
National Radio Institute, Dept. OKF3  
Washington, D. C.

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**BEST OF ALL PERSONALIZED MINIATURE PORTABLES**

You'll "go for" this tiny Lafayette Mini-Portable the minute you see it and hear it—and "in a big way" too, because that's just how it performs. Small as a camera and just about as light to carry, this little miracle radio is actually a four-tube superhet of the very latest type, covering the entire broadcast band. Its powerful 4-inch PM dynamic speaker has a surprising amount of "sock". You'll be thrilled by its performance wherever you carry it—at home, in your office, at the beach, etc. It's perfect for sports events where you can follow the expert running commentary of your favorite sports announcer while viewing the contest itself. Adds immensely to your pleasure when you know just what is going on every second. Extra-size built-in loop aerial assures good reception. Tunes the broadcast band from 540 Kilocycles to 1650 Kilocycles; tuning knob is calibrated.

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Your Cost, Singly..... **\$13.45**

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YOUR COST, EACH .....

K20199—Extra Kit of batteries.....**\$1.75**

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3-IN-1 PORTABLE**



**A**NOTHER Lafayette first magnitude "scoop"! This ultra-modern Lafayette "Aviator" 3-in-1 6-tube, 2-band portable not only covers an extended broadcast range but is invaluable for use in planes because of its second tuning band and special controls for reception of airplane beam signals and weather reports. Operates on self-contained batteries or on 110 volts AC or DC.

**SPECIAL TUNING RANGE:** In addition to normal broadcast coverage on 540-1540 kc (555-195 meters) a second band brings you

**BEACON SIGNALS AND WEATHER REPORTS** on 150-390 kc (2000-770 meters).

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**SLIDE-RULE TUNING DIAL.** Easy to read.

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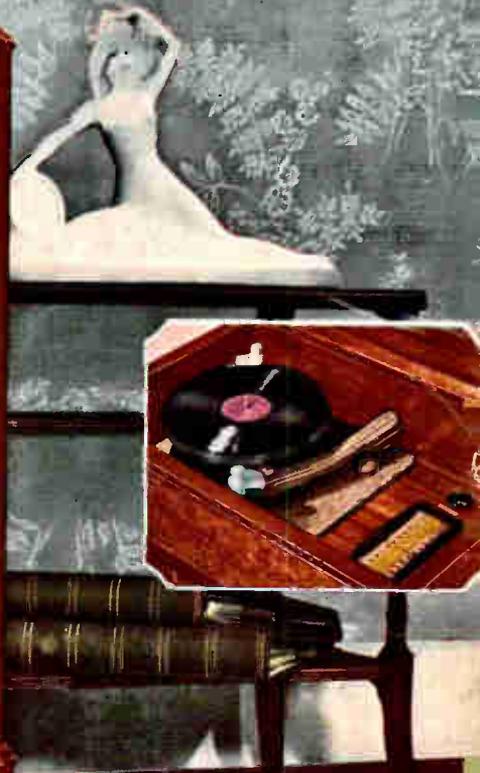
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Your Cost, With Batteries, Singly.... **\$25.95**

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**TWO-TONE GRAINED WALNUT LOW-BOY CONSOLE.** Matching the beauty of tone and extreme simplicity of operation is the thrillingly beautiful two-tone grained walnut low-boy console. Exquisite, easy to read slide-rule dial.

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Lafayette 6-tube, 2-band automatic phonograph-radio combination as described, in beautiful two-tone Walnut console cabinet, complete with record changer and all tubes. Overall size: 32 1/4" high, 26 1/2" wide, 16 1/2" deep. For operation on 110 volts, 60 cycles a.c. Shpg. wt. 59 lbs. Code, HANAP. List Price \$85.00.

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