

CATALOG

1942

NO. 87



*Lafayette Radio*

*Radio Wire Television Inc.*

NEW YORK • 100 SIXTH AVENUE  
BOSTON • 110 FEDERAL STREET

BRONX • 542 E. FORDHAM ROAD  
NEWARK • 24 CENTRAL AVE.

**CHOOSE THE FINEST FOR YOUR MONEY**

**PLAY RECORDS, TOO,  
WITH THIS THRIFTY  
*Lafayette***



***Lafayette* 5 TUBE  
A.C. COMBINATION**

Lafayette's latest dual-purpose home entertainer. Designed for the small apartment, it will provide unusually good tonal reproduction on both radio and phonograph. All features required to achieve these fine results are incorporated—and the price is highly attractive! Compare and order now. **EXTENDED RANGE** covering from 170 to 555 kilocycles brings you coast-to-coast domestic reception, including high fidelity stations and some police calls.

**"ANTENNAIRE"**, Lafayette's special built-in loop antenna, eliminates the need for any outside wires. Just turn it on and tune.

**SUPERHET CIRCUIT** employs preferred type bantam tubes, including a "Beam" power stage for extra power and minimum distortion. Tube complement consists of: 12SA7 converter; 12SK7 i.f. amplifier; 12SQ7GT/G detector and first audio; 50L6GT beam power tube; 35Z5GT/G rectifier. A ballast tube is also included (no "hot" line cord). **AIRPLANE DIAL** is calibrated in both kilocycles and meters, and is well illuminated.

**TONE CONTROL**, two-position type, for brilliant treble or bass emphasis. Tone control operates on both phono and radio. Other controls include: Volume and "on-off" switch, tuning and Phono-radio switch.

**CRYSTAL PICKUP**, latest featherweight type, reproduces your records with fine fidelity. Tones are clear and sharp.

**RIM-DRIVE MOTOR** is fan cooled. Constant speed, no adjustments required. Has a 9" flocked turntable. **DELUXE TABLE CABINET** is built of fine walnut veneers and has neat design on the side pieces. Hinged top can be closed while 10" or 12" records are being played.

**MODEL JA-308**: Lafayette 5-Tube A.C. Combination with tubes. For 110/120 volts, 60 cycles a.c. Size: 18" x 10 1/2" x 3 3/4" deep. Shpg. wt. 20 lbs.

**YOUR COST** ..... **\$32.50**

***Lafayette* 8 TUBE 3 BAND A.C.-D.C.**

Just off the production line! This fine table model superheterodyne incorporates every modern circuit refinement—and its performance closely approaches that afforded by the big consoles. You'll like the rich, full tones—you'll enjoy the multi-band facilities that permit you to tune in on practically every type of broadcast entertainment. Buy one now, while our supply lasts—and let Lafayette's famous 30-day Home Trial Offer act as your irrevocable guarantee of complete satisfaction.

**EXTRA SENSITIVITY** provided by a tuned R. F. Stage that operates on all bands—insures lowered noise level too. The RCA and Hazeltine licensed circuit uses these preferred type tubes: 6SK7GT r.f. amplifier; 6SA7GT asc.—modulator; 6SK7GT i.f. amp.; 6J5 A.V.C.; 6SQ7GT detector and first audio; 25L6GT "BEAM POWER" output; two 25Z6GT rectifiers.

**BUILT-IN "ANTENNAIRE"** eliminates need for outside wires for broadcast reception; terminals for external aerial and ground on chassis, for best short-wave and distant station pickup.

**DIRECT FOREIGN RECEPTION**: Three bands are provided. 535 to 1650 kc for domestic coast-to-coast stations; 2.25 to 7.2 mc (13.4 to 41.6 meters) for direct European pickup and amateur calls; 7.5 to 24 mc (40 to 125 meters) for foreign, amateur, aviation and other signals.

Other valuable features include: three-gang condenser; full-range Tone Control; provision for phono-Television-FM connection; 8" matched dynamic speaker; beautiful table cabinet built of selected walnut veneers.

**MODEL JS-241**: Lafayette 8-Tube 3-Band A.C.-D.C. Super complete with tubes. For 110/120 volts D.C. or A.C. (60 cycles). Size: 22 1/2" wide, 11 3/8" high and 11" deep. Shpg. wt. 30 lbs.

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

# WINNING PHONO-COMBINATIONS



## Lafayette 6 TUBE 3 BAND Automatic COMBINATION

You own a "box seat" to a world of entertainment when you buy this versatile Lafayette. It brings you all the domestic programs—short-wave stations from the far corners of the earth—and record reproduction on an automatic record changer. And the quality of reproduction on both radio and phonograph will more than please you. Designed especially for the average apartment, its compact construction permits placement on any convenient table or other piece of furniture.

"ANTENNAIRE" built-in loop is sufficient for broadcast reception. For best short-wave pickup an outside aerial is recommended; terminals provided on chassis.

R.F. STAGE in the powerful superhet circuit means extra sensitivity and reduced noise level. Preferred tubes used: 6SK7 untuned r.f. amp.; 6SA7 osc.-modulator; 6SK7 i.f. amp.; 6SQ7 det.-first audio; 25L6 "BEAM" power tube; 25Z6 rectifier.

THREE BANDS permit reception of domestic broadcast stations, overseas short-wave stations, amateur and aviation signals and many other interesting services. Bands are: 540 to 1620 kc; 11.5 to 16 mc (18.7-26.1 meters); 5.25 to 10.25 mc (29.2-57 meters).

TONE CONTROL, continuously variable, permits adjustment of high frequency range.

AUTOMATIC CHANGER plays twelve 10" or ten 12" records in sequence. Any record can be rejected at will or records can be played manually if desired. CRYSTAL pickup affords wide range response.

WALNUT TABLE CABINET is attractively designed and has hand-rubbed finish. Plays 12" records with lid closed. Size: 18" wide, 14 1/4" high, 16" deep.

MODEL JS-242: Complete with tubes. For 110/120 volts, 60 cycles a.c. Shpg. wt. 35 lbs. EACH **\$59.95**

## CHAIRSIDE MODEL

## Lafayette 7 TUBE 2 BAND COMBINATION

Relax in the comfort of your favorite easy chair—with Lafayettes new chairside model at your side. Housed in a beautiful cabinet designed in the modern fashion, this versatile entertainer provides two-band radio reception plus Automatic record playing. The radio features a tuned R.F. STAGE that results in fine sensitivity and reduced noise level. Tubes used include a 6SK7 r.f. amp., 6SA7 osc.-mod., 6SK7 i.f. amp., 6SQ7 det.-first audio, 6SQ7 A.V.C., 6V6GT power tube and 80 rectifier. Power output is 3 1/2 watts, OVERSEAS RECEPTION is obtained on the short-wave band from 4.8 to 18.3 mc (16.4 to 62.5 meters). Domestic broadcast stations are received on the 535 to 1650 kc range. "ANTENNAIRE" built-in loop eliminates need for outside wires for broadcast reception; for short-wave pickup use external aerial (terminals on chassis). 10" SPEAKER faithfully reproduces all tones with good fidelity. TONE CONTROL permits full adjustment of response from brilliant treble to deep bass. AUTOMATIC CHANGER plays twelve 10" or ten 12" records in sequence, without interruption. Any record can be rejected at will. CRYSTAL PICKUP affords wide range response.

MODERN CABINETS: available built of comb-grained oak, American walnut or mahogany veneers (5-ply). Top lids have simulated leather covering blended to color of wood, with edges tooled (will not loosen). Size: 24 1/4" high, 19" wide, 31 1/2" deep. For 110/120 volts, 60 cycles A.C. Shpg. wt. 147 lbs.

MODEL JS-269: Natural Amber Oak  
MODEL JS-270: American Walnut  
MODEL JS-271: Limed Oak  
MODEL JS-272: Mahogany

Any Model Above. **\$139.50**

YOUR COST, with Tubes.....

Entire contents copyrighted 1942 by Radio Wire Television Inc. Printed, published and distributed by R.W.T. New York, N. Y., U.S.A.



# RADIO SERVICEMEN KEEP 'EM PLAYING!



For over twenty-one years we have been serving the radio trade, building our business on the solid foundation of Service — Quality — Fair Dealing. Through these years, during periods of prosperity and during times of stress, thousands upon thousands of satisfied customers have come to depend on us for their every radio requirement — and we've never let them down!

Today, we face a crisis in our lives — yours and ours. During the present National Emergency it is vital that the field of radio communications be maintained — the dissemination of news and other timely information is of primary importance to all. Already, materials ordinarily used in the manufacture of new radios have been diverted to Defense channels, thus, it's mandatory that receivers now in American homes must be kept in operating condition. That's why we say, Mr. Radio Serviceman, "Let's Work Together!" It's your job to keep 'em playing — and it's our job to see that you get what you need, when you need it. To this end we seek the sincere cooperation of the largest radio supply house in the

*Lafayette Radio*



**FOUR BRANCHES**, strategically situated for most efficient and most economical service, blanket the country. Our great mail order center in New York is geared to fill your requirements with utmost dispatch. Boston, Newark and the Bronx branches are completely stocked too — ready at any time to serve you well. Remember too, that at each location a trained staff of technicians is waiting to help you with your problems. Whether you come in personally or write, your questions or problems are given the attention of experts — with no obligation to you, of course. You are cordially invited to use this service whenever you so desire.

**COMPLETE STOCKS** are always maintained. Makes no difference whether you want a penny resistor or a hundred dollar test instrument — they're waiting for you. All the nationally famous lines of tubes, test instruments, transformers, resistors, condensers, and thousands of other items are represented in the pages of this catalog — and on our stock shelves. Stocks are kept in specially designed supply departments to insure delivery of fresh, new merchandise, in perfect condition.

It should be remembered, however, that during the present emergency, some types of equipment like test instruments, special tubes and merchandise requiring the use of essential metals are subject to delays in delivery. We will make every effort to expedite your orders — to deliver the goods without undue loss of time. *Where priorities are obtainable*, it will speed handling of your order if you send them in.

**OUR GUARANTEE** is ironclad — backed by the largest institution of its kind in the world. Everything we sell is tested and checked by our own Bureau of Standards so that we can honestly say — **SATISFACTION OR YOUR MONEY BACK!**

Under present conditions, it may become necessary for us to make substitutions in some cases. Whenever this is done, we guarantee to substitute merchandise equal in quality or superior to that ordered — all substitutions will be subject to your approval.

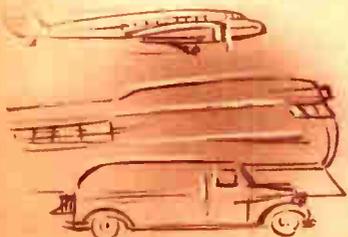
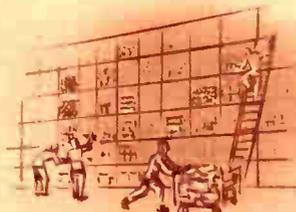
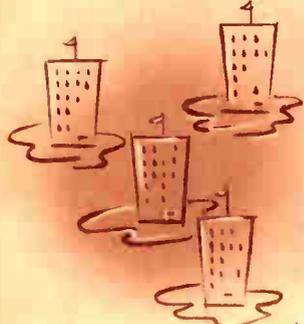
# LET'S WORK TOGETHER

**LOWEST PRICES:** Servicemen and dealers the world over know we will not knowingly be undersold. Our tremendous purchasing power — our steadfast determination to save you money — brings you everything in radio at rock-bottom prices. This, coupled with the economy and convenience of "one place" buying, is your assurance that you will effect the greatest savings when you order from Radio Wire Television, Inc.

**FASTEST SERVICE:** Realizing the importance of Service to the radio serviceman, we maintain top notch crews of order fillers, packers and shippers. Each order is speedily and efficiently routed — complete knowledge of train, freight and air schedules is utilized to get you what you order — when you need it! Customers won't wait, and you needn't wait either when you order from Radio Wire Television Inc.

For over twenty-one years these principles have been responsible for the steady growth of this organization — have made us the largest radio supply house in the world. Now, as always, we are ready to provide Service, Economy, Dependability — that's why we say "Let's Work Together!"

*Radio Wire Television Inc.*





★  
**GET  
EUROPE  
DIRECT**



## Lafayette 7 TUBE 2-BAND AC-DC SUPERHET

Combining smart styling with versatile performance and a new ease of operation, this superb Lafayette joins our 1942 line-up of extra-value radios. Capable of providing truly superior performance on two tuning bands it is, nevertheless, priced to help you **SAVE**. Check these fine features and make comparisons:

**PUSH-BUTTON TUNING:** four buttons on the front panel permit instant selection of any one of four favorite stations. Buttons are easy to set (from front of set) and can be reset at will. Manual tuning is, of course, also provided for.

**"ANTENNAIRE"**, built-in loop, functions on the broadcast band—no outside wires needed.

For best short-wave reception, an external aerial must be used; terminals on the chassis.

**"BEAM POWER" OUTPUT** in the superhet circuit for added volume with minimum distortion. Preferred type tubes used include: 6SA7 converter; 6SK7 i.f. amp.; 6SQ7 detector and a.v.c.; 6SQ7 first audio; two 25Z6GT in push-pull "beam power" stage; 25Z6GT rectifier. Inverse feedback is incorporated for noise reduction and improved tone quality.

**GET EUROPE DIRECT** on the special overseas spread band from 8.9 to 12.1 mc (25 to 31 meters). It's easy to separate stations on this crowded band because of the s-p-r-e-a-d tun-

ing. Domestic stations are received on the broadcast range from 540 to 1630 kc.

**TONE CONTROL**, three position switch, permits adjustment of the high frequency register. Matched dynamic speaker affords clear, natural tone quality.

**WALNUT CABINET** has modern "roll front" design and pleasing grille work. Dial is recessed. The fine veneers are given an overall high lustre finish. Designed for apartment use, the set measures 16" wide, 10½" high and 7" deep.

**MODEL D-251:** Lafayette 7-Tube 2-Band A.C.-D.C. super for operation on 110/120 volts d.c. or a.c. (60 cycles). With tubes.

Shpg. wt. 16 lbs.

**YOUR COST** **\$25.95**

**EACH**.....

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



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

Modern design makes model D-294 well suited for the small apartment, or for use as a fine auxiliary receiver. The polished walnut case goes well with most room settings—and the quality of entertainment afforded will exceed your expectations. Try one in your own home at our risk—Lafayette's famous 30-day Home Trial offer is your guarantee of satisfaction. Outstanding features include:

**INVERSE FEEDBACK** in the powerful superhet circuit to insure minimum noise and finer tone quality. Tubes used: 12SA7 converter; 12SK7 i.f. amp.; 12SQ7 detector and a.v.c.; 12J5GT first audio; 35L6GT "BEAM" output and 35Z5GT rectifier. Power output over 3 watts.

**OVERSEAS RECEPTION:** in addition to bringing in all the domestic broadcast programs on the 540 to 1630 kc range, you can tune the popular European short-wave stations on the 8.9 to 12.1 mc (25 to 31 meters) band. The short-wave band is spread over the entire dial width to insure easy separation of the close s.w. stations.

**"ANTENNAIRE"**, Lafayette's built-in loop, is sufficient for broadcast reception. For best short-wave pick-up an outside aerial is required; terminals for connecting one are included.

**SLIDE-RULE DIAL** has each band individually calibrated, and is well illuminated. Calibrations are in kc cycles and megacycles.

Three panel knobs govern all operations: com-

bined volume control and "on-off" switch, band switch and main tuning control. Other circuit features include a powerful Automatic Volume Control circuit to minimize fading and prevent inter-station "blasting", humless filter circuit, etc.

**ROLL FRONT CABINET** is built of fine walnut veneers with a highly polished finish. Recessed dial and attractive grille work enhance the appearance. Compact size permits apartment use in any room. Dimensions are: 12½" wide, 8¼" high, 6½" deep.

**MODEL D-294:** Lafayette 6-Tube 2-Band A.C.-D.C. super complete with tubes. For operation on 110/120 volts d.c. or a.c. (60 cycles).

Shpg. wt. 15 lbs.

**YOUR COST** **\$20.95**

**EACH**.....

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



## 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 include: powerful Automatic Volume Control; easy to read dial; 6 to 1 reduction drive tuning ratio; automatic power shift cuts off batteries when electric current is used.

LOCK FRONT CASE is covered with attractive brown grained fabric. Front cover is "disappearing" type, provided with a sturdy lock and key to prevent unauthorized use. Strong carrying handle. Overall dimensions are: 12¾" wide, 9¼" high, 6" deep.

MODEL JS-256: Lafayette 6-Tube 3-Way Portable complete with tubes and batteries. Ready to operate.

Shpg. wt. 19 lbs.

**\$28.95**

YOUR COST.....

K20197—Extra kit of batteries (2—45 v. "B" and 1—1½ v. "A"). Wt. 7 lbs.....\$3.35



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

Amazingly versatile, this deluxe Lafayette portable will bring you reception equal in quality and volume to that of the better type home radios. It features THREE tuning bands in place of the usual one—SEVEN multi-function tubes in place of the usual five or six. It operates from self-contained batteries, or from any 110/120 volt line (d.c. or 60 cycle a.c.).

R.F. STAGE, on all bands, insures extra sensitivity and reduced noise ratio. A precision 3-gang condenser is employed. Tubes used: 1N5GT r.f. amp.; 1R5GT converter; 1N5GT i.f. amp.; 1H5GT det.—a.v.c.—first audio; 3Q5GT battery power amp.; 50L6GT "Beam" power amp. for a.c.-d.c. 110 volt operation; 3Q5GT rectifier. All controls on front panel.

"ANTENNAIRE" loop aerials, built-in, operate on all bands. No wires to connect. Terminals for external aerial incorporated, for use in poor "pickup" localities or for distant reception.

THREE BANDS: In addition to bringing in all the domestic programs on the 540 to 1630 kc band, you can tune direct European stations, amateurs, and many other signals on the two short wave bands. 3 to 9 mc (33.3 to 100 meters) and 9 to 18 mc (16.7 to 33.3 meters).

HEADPHONE JACK: whenever it is desired to listen to the set without disturbing others around you, merely plug a pair of earphones into the headphone jack (automatically cuts off the speaker). See page 95 for headphones.

Other circuit features include: "current saver" circuit that conserves battery power when set operates on commercial line; high gain iron core i.f. transformers; separate power amplifiers for battery and house-current operation.

LOCK FRONT CASE is covered with durable and washable brown "Pig-Tex" fabric. The "disappearing type" front cover is provided with a sturdy lock and key to prevent unauthorized use and to protect the dial and controls from accidental damage. Overall size: 14" wide, 10½" high, 8" deep.

MODEL C-232: Lafayette 7-Tube 3-Band Deluxe Portable complete with tubes and batteries.

Shpg. wt. 21 lbs.

**\$39.50**

YOUR COST.....

K20196—Extra kit of batteries (2—45 v. "B" and 2—4½ v. "A"). Wt. 7 lbs.....\$3.35



## Lafayette 11 TUBE 2 BAND A.C. WITH *Automatic* CHANGER

In tune with the times, Lafayette presents these beautiful modern consoles that feature "streamlined styling". Built by master furniture sales that feature "streamlined styling". Built by master furniture craftsmen, they will strongly appeal to lovers of fine furnishings. All non-essentials have been eliminated—the only embellishment of any kind being the neat door pulls. And the powerful 2-band superheterodyne and excellent domestic record changer provide a quality of radio and record entertainment that will thrill you. Every up-to-date circuit feature has been incorporated for your enjoyment and convenience—push-button tuning—overseas reception—long uninterrupted record programs, and many others. Try one in your home today—Lafayette's famous 30-Day Home Trial Offer is your guarantee of complete satisfaction.

**EXTRA SENSITIVITY** and reduced noise level is achieved by means of a tuned R.F. AMPLIFIER that operates on both bands. This feature necessitates the use of a three-gang tuning condenser, found only on the better radio receivers. Preferred type tubes used in the R.C.A. and Hazeltine licensed circuit include: 6SK7 r.f. amplifier; 6J5GT osc.; 6SJ7 first det.; 6SK7 i.f. amp.; 6SQ7 second det.; 6SQ7 audio amp.; 6SQ7 balancing exciter; two 6K6GT's in push-pull power stage; 6U5 tuning "eye" tube; 5Y3G rectifier.

**AUTOMATIC BUTTON TUNING.** Any one of your six favorite stations can be easily and quickly tuned merely by depressing one of the six buttons on the front panel. Buttons are easy to set, and can be reset as often as desired.

**"MAGIC ANTENNAIRE".** A special high "Q" loop for broadcast reception and a built-in counterpoise for short-wave pickup eliminate the need for any external wires. If desired, however, suitable antennas may be connected to the terminals provided.

**VISUAL TUNING** is accomplished by means of the cathode-ray tuning "eye" tube. You merely tune till the dark sector in the tube is narrowest and you obtain peak efficiency.

**OVERSEAS RECEPTION.** In addition to bringing in all the domestic broadcast and high fidelity stations on the 535 to 1600 kc range, you can tune the important international short wave channels on the 5.35 to 18.3 mc band (64 to 56 meters). This range includes popular European stations, amateur calls, aviation and experimental signals and many other interesting services.

**12" AUDITORIUM SPEAKER** furnishes clear, realistic tonal reproduction at all volume levels. It is housed in an acoustically treated chamber in the console.

**TONE CONTROL** permits adjustment of the high frequency response to suit the taste of the operator. You can use the full range, including the brilliant treble notes, or you can emphasize the bass by turning the knob clockwise.

**AUTOMATIC RECORD CHANGER** is easy to operate and is built to give long trouble free service. You can stack up to twelve 10" or ten 12" records on the spindle at one time. They play in sequence, without interruption, and the last record repeats until the machine is turned off. Any record may be rejected at will, or records can be played manually if desired. The assembly incorporates a fine featherweight CRYSTAL PICKUP that provides wide-range response. Your fine record library is handled gently and reproduced brilliantly with this equipment.

**CHOICE OF CABINETRY.** Each of the two modern upright consoles pictured above is available in several different finishes to match the most popular types of furnishings. All are built of selected 5-ply veneers over a strong base and finished to a high lustre.

**NOTE:** Any of the consoles listed below may be purchased separately, without any radio or phono mechanisms (see page 8). If desired, any Lafayette radio listed in this catalog may be obtained in one of these consoles; prices will be quoted upon request.

### ALL-WOOD CONSOLES (at left)

Shown at the left above is the delightful all-wood console in Modern design. Built of genuine comb-grained oak or American Walnut Veneers. Doors are matched in a simple pattern that results in a charming overall appearance. Overall dimensions 39 1/2" high, 24 3/4" wide, 18 1/2" deep. Supplied complete with tubes. For operation on 110/120 volts, 50/60 cycle a.c. Shpg. wt. 182 lbs.

**MODEL B-257:** With Lined Oak Finish

**MODEL B-258:** With Natural Amber Oak Finish

**MODEL B-259:** American Walnut

Any Model Above,

**YOUR COST COMPLETE.....**

**\$179.50**

### UPHOLSTERED FRONT CONSOLES (right)

Shown at right above are the latest type upholstered front consoles. These are identical with the units listed at the left, but have the doors fronted with simulated leather blended to the color of the wood. The upholstery is edged with decorative nail heads. Cabinet top is provided with sturdy stay hinges. Complete with tubes, for 110/120 volt, 50/60 cycle a.c. operation. Shpg. wt. 182 lbs.

**MODEL B-260:** With Lined Oak Finish

**MODEL B-261:** With Natural Amber Oak Finish

**MODEL B-262:** American Walnut

Any Model Above,

**YOUR COST COMPLETE.....**

**\$179.50**

## LAFAYETTE'S FINEST RECEIVER!

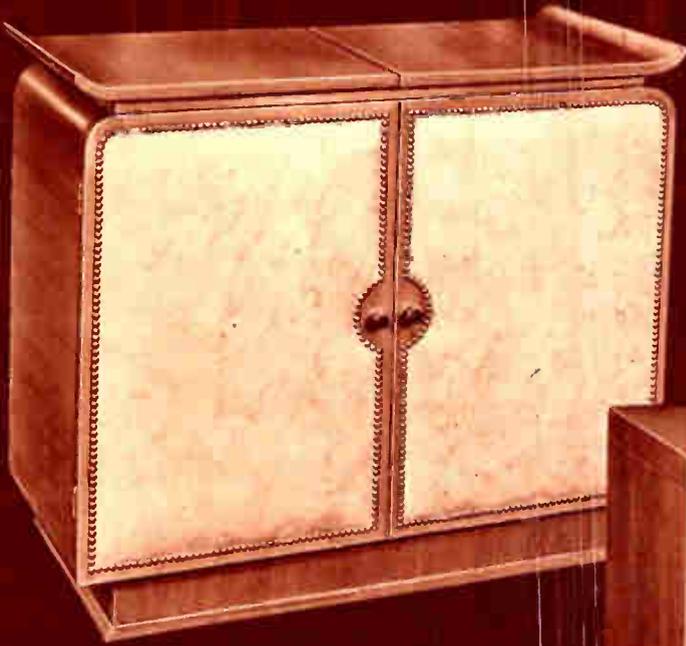
The "Concerto" is the finest reproducing instrument made by Lafayette—equal or superior to any other instrument we know of—AT ANY PRICE! The quality of reproduction on the standard AM band and on phono is brilliantly clear—but a real thrill awaits you when you tune in the Frequency Modulation stations. Complete absence of background noise and an amazingly wide range of tones figuratively places you at the side of the artist—opens the portals to a new world of tonal beauty! For the ultimate in home entertainment, choose the "Concerto".

- ★ Separate Tuner and Audio Amplifier Chassis
- ★ Individual Bass and Treble Equalization
- ★ High Fidelity Dual Speaker Assembly
- ★ Independent AM and FM Tuned Circuits
- ★ Audio Frequency Range 25 to 15000 Cycles
- ★ 14-Watts of Undistorted Audio Power
- ★ Three Tuning Bands and Phono Reproduction

NOTE: For good reception of FM stations, it is necessary to install an FM aerial. No antenna is supplied with the Concerto; see page 9 for a listing of approved types. We will quote on installations of FM antennas in locations near our branches.

NOTE: In order to receive Frequency Modulation stations, you must be located within 50 miles of an FM broadcast station.

NOTE: The consoles shown here are available separately (see page 8), or may be purchased with any Lafayette chassis listed in this catalog. Prices quoted on request.



## 19 TUBE A. M. - F. M. "CONCERTO"

The famous "Concerto", instrument for the music lover, is now presented "dressed" to please the lovers of things modern. The delightful styles illustrated above are the result of painstaking design by America's foremost furniture craftsmen. Fine hardwood veneers have been blended in a variety of finished designs that make the "Concerto" the undisputed style leader for 1942. If you want the world's finest home entertainer, consider the "Concerto".

In all, three types of reception are provided by this superb assembly. First, thrilling Amplitude Modulated (AM) reception on all domestic broadcast stations and of the popular overseas short-wave programs; second, brilliant Frequency Modulation (FM) reception (built under the original Armstrong Wide-Swing FM patents); third, gentle-action record reproduction on the excellent domestic automatic record changer. Features that account for the superiority of the "Concerto" include:

**SEPARATE TUNER AND AMPLIFIER.** All R.F. and F.M. circuits are incorporated on one chassis, with audio amplifier on a separate chassis. This permits perfect shielding of circuits and results in flawless performance. The FM tuner employs 7H7 antenna coupling tube; 7H7 tuned R.F. amp.; 6K8 converter; 2-7H7 i.f. amps.; 6SH7 noise limiter; 6H6 discriminator; VR-150 voltage regulator. The AM tuner uses 6SK7 tuned R.F. amp.; 6K8 converter; 6SK7 i.f. amp.; 6H6 det.-A.V.C.-audio. The separate audio amplifier uses 6J5 first audio; 6C8 bass and treble equalizer; 6F8 phase inverter; 2-6V6 push-pull power amplifiers; 6U5 tuning "eye" and a 5U4 rectifier. Power output fully 14 watts.

**BASS AND TREBLE EQUALIZERS,** individual controls, permit full control of tonal range. You can literally add to the bass register or to the treble range at will.

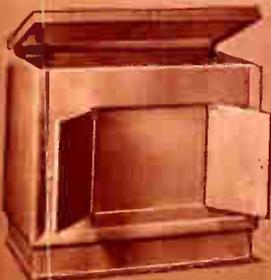
**INDEPENDENT CIRCUITS:** AM and FM circuits (r.f. and i.f.) are independent of each other for maximum efficiency.

**THREE RANGES:** standard domestic broadcast range (AM) from 550 to 1600 kc; overseas short wave range (AM) from 5.5 to 20 mc (54.5 to 15 meters); Frequency Modulation range from 42 to 50.5 mc (5.9 to 7.1 meters).

**DUAL SPEAKER SYSTEM:** comprises a 12" "woofer" that handles all the low frequencies and a 5" "tweeter" that handles all the high frequencies. Response is essentially flat from 25 to 15,000 cycles—as near perfect as modern science can make it.

**PRECISION BUILT CHANGER:** The fine domestic automatic record changer plays twelve 10" or ten 12" records in sequence, without interruption. Any record may be rejected at will; last record repeats until motor is shut off. A featherweight CRYSTAL PICKUP is employed for wide-range record reproduction.

**CHOICE OF CONSOLES:** Either of the two consoles shown above are available in several different finishes to match your furnishings. Other Lafayette Radios can be supplied in these cabinets—write for prices.



### IN MODERN CHINESE PAGODA CONSOLE

An adaptation of the traditional Chinese design to the streamline Modern mode. Upholstered models have doors covered with simulated leather blended to the color of the wood. Top is split, one side opens into the changer compartment (other side doesn't open). Radio control panel in front. Size: 35 1/2" high, 42 1/2" wide, 19" deep. Complete with tubes. For 110/120 volts, 50/60 cycles a.c. Shpg. wt. 285 lbs.

MODEL TC-263: Natural Amber Oak, Upholstered

MODEL TC-264: American Walnut, Upholstered Front

MODEL TC-265: Limed Oak, Wood Doors

Any Above Model, YOUR COST.....

**\$309.50**

### IN MODERN ALL-WOOD CONSOLE

Shown at right, above. This beautiful modern console adapts itself to your modern decorative scheme. Constructed of genuine comb-grained Oak (5 ply veneers) with hand rubbed finish. Divided top permits individual access to record changer and radio control compartments. Doors are provided with matched circular pulls. Size: 33 1/2" high, 36 1/2" wide and 18 1/2" deep. Complete with all tubes, for 110/120 volts, 50/60 cycles a.c. Shpg. wt. 265 lbs.

MODEL TC-266: Limed Oak Finish

MODEL TC-267: Natural Amber Oak Finish

MODEL TC-268: American Walnut

Any Model Above, YOUR COST.....

**\$294.50**

# A NEW CABINET FOR YOUR OLD RADIO BRINGS Fresh Beauty



## UPRIGHT CONSOLES

Styled by experts and built by America's foremost furniture craftsmen, the fine consoles pictured at the left will delight the lovers of things modern. Bold straight line technique has been employed to best advantage, resulting in dignified yet charming appearance. Each is built of selected genuine comb-grained oak or American Walnut veneers (5 ply), with matched inset doors giving access to the radio panel and speaker compartment that is fronted by attractive grille cloth. The one piece solid top lifts on sturdy stay hinges to give access to the phonograph compartment. Two styles are available, each in several different finishes. Overall dimensions (either type): 39 1/2" high, 24 3/4" wide and 18 3/4" deep. Phono compartment is 23" wide, 16" long and 6 1/2" from motor board to top. Radio panel area is 18 1/2" wide by 12" high; space for radio chassis is 11 3/4" high, 14 1/4" deep and 23" wide. Provision for any speaker up to 12" in diameter.

### With Upholstered Fronts

Shown at far left. Simulated leather, blended to the color of the wood, is tooled on the front doors and outlined with decorative nails. Shpg. wt. 145 lbs.  
**MODEL L-1106:** Limed Oak Finish  
**MODEL L-1107:** Natural Amber Oak  
**MODEL L-1108:** Walnut  
 Any Cabinet Above, **\$99.50**  
**YOUR COST** .....

### All-Wood Models

Like above, but doors are of comb-grained oak and provided with circular pulls.  
**MODEL L-1109:** Limed Oak Finish  
**MODEL L-1110:** Natural Amber Oak  
**MODEL L-1111:** Walnut  
 Any Cabinet Above, **\$99.50**  
**YOUR COST** .....

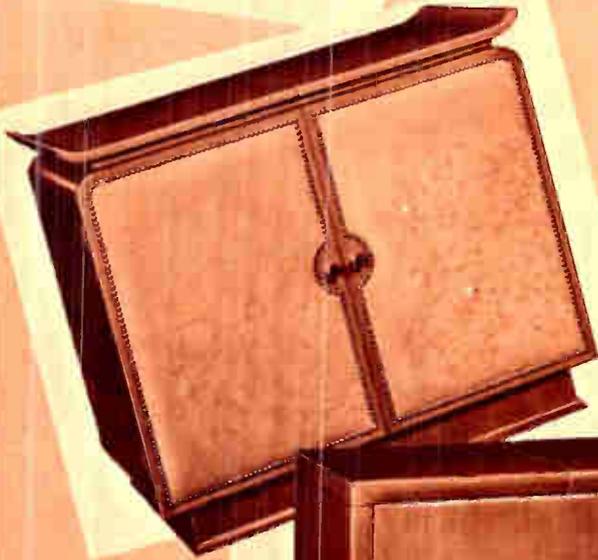
## MODERN PAGODA

Adaptation of the traditional Chinese design to the modern streamline mode. Built of genuine comb-grained oak or American Walnut veneers (5 ply) with hand rubbed finish. Left side of top opens into the phono compartment (other side fixed). Doors open to radio panel and speaker compartment that is fronted with fine figured cloth. Available with simulated leather fronted doors having an outline of ornamental nails, or with wood doors. Overall size: 35 3/4" high, 42 1/2" wide and 19" deep. Phono compartment 17" wide, 16" deep and 7 1/4" from motor board to top. Radio panel 18 1/4" x 11 3/4". Space for chassis is 19" wide, 15" deep and 12 3/4" high. Provision for speaker up to 12". Wt. 200 lbs.  
**MODEL L-1100:** Natural Amber Oak Finish with Upholstered Doors

**MODEL L-1101:** Walnut, Upholstered Doors  
**MODEL L-1102:** Limed Oak, Wood Doors  
 Any Above Model, **\$129.50**  
**YOUR COST** .....

## ALL WOOD CONSOLES

At right below. Built of comb-grained oak veneers (5 ply) with hand rubbed finish. Charming straight-line design. Divided top; one half for phono mechanism and one half for radio panel. Inset doors give access to speaker compartment. Overall size: 39 1/2" high, 36 3/4" wide and 18 1/2" deep. Panel for both radio dial and phono mechanism measures 35" wide, 16" deep and 7 1/4" from panel to top of cabinet. Chassis space (upright mtg.) is 18" wide, 16" high, 19" deep. Provision for speaker up to 12" dia. Shpg. wt. 180 lbs.  
**MODEL L-1103:** Limed Oak Finish  
**MODEL L-1104:** Natural Amber Oak  
**MODEL L-1105:** Walnut Finish  
 Any Above Model, **\$114.50**  
**YOUR COST** .....



# Adapt Your Radio for

# FM

## Lafayette FM Adapter

### For The Modern "Staticless" Reception

Modernize your present radio by adding this efficient Frequency Modulation Adapter—get the new staticless reception everyone is talking about. This unit can easily be connected to your standard home radio by any serviceman—or you can do it yourself if your radio has phono or television terminals.

**8-TUBE CIRCUIT:** The FM adapter employs 8 tubes in a well engineered superhet circuit: 6SK7 RF amplifier, 6SA7 mixer, two 6SK7 IF amplifiers, 6SJ7 limiter, 6H6 discriminator, 6U5G5 tuning eye and a 6X5GT rectifier. Tuning eye permits accurate, visual, station tuning. Only two knobs govern all FM operations.

**OTHER FEATURES:** glass (edge illuminated) dial; 3-gang condenser; molded bakelite RF coil forms; doublet or ordinary antenna connections, etc. Entire assembly is housed in a compact cabinet built of fine walnut veneers: 12 $\frac{3}{4}$ " wide, 7" high, 6 $\frac{1}{2}$ " deep. Complete instructions for attaching and operating this adapter are included. Shpg. wt. 12 lbs.

**K21064—Lafayette FM Adapter complete with tubes in cabinet as described above. For operation on 110 volts 60 cycles AC only.**

**YOUR COST.....\$28.65**



## LAFAYETTE Hi-Efficiency FM-AM Antenna

This new antenna assures great efficiency on F.M. 40 to 60 mc. and A.M. 500 to 1700 kc. frequencies. Consists of light, rigid rustproof elements of solid non-corrosive rods, machined with precision and extending from 3 to 9 feet. Rod fits into a patented, hermetically sealed transformer which feeds directly into the transmission line. This is brought into the set transformer, the combination becoming a completely balanced noise trap, assuring noise free signals passing on to the receiver. Supplied complete with 37 $\frac{1}{2}$  ft. downlead. Only 4 inch mounting space required. Shpg. wt. 5 lbs.

**K20445—YOUR COST.....\$7.06**

## Adjustable F-M Antenna



This Lafayette adjustable F-M antenna is designed for the F-M, Television or 5 and 10 meter range. Elements are individually adjustable for horizontal and vertical polarization. Completely assembled with 50 ft. hi-efficiency transposed lead-in and 8-ft. mounting pole. Shpg. wt. 5 lbs.

**K20424—YOUR COST.....\$7.35**

## TACO Doublet

### F.M.—A.M. Antenna



Especially designed for FM-AM operation in locations with moderate FM signal strength or where a less expensive FM antenna than the rigid di-pole is required. Completely factory assembled. Contains two 30-ft. coils of antenna wire; 60 ft. twisted pair transmission wire; two antenna insulators; 1 screw eye; two nail-it knobs; antenna transformer with separate leads for the AM and FM inputs of the receiver and instructions. Shpg. wt. 4 lbs.

**K16482—YOUR COST.....\$3.23**

## Frequency-Modulation Receiver Components

Made by Meissner—these components are of the finest quality and are "standard" insofar as standards exist at the present time. Ideal for replacement purposes in any standard make FM receiver or adapter.



### Ant., Mixer and Osc. Coils

All three are wound on molded forms 1" long. Antenna coil accommodates both single and doublet antennas. RF Mixer coil covers range from 41.5 to 50.5 mc. with condenser listed below. Oscillator coil provides IF frequency of 4.3 mc. All are designed for use with tuning condenser listed below.

**K10327—Antenna Coil**  
**K10328—RF Mixer Coil**  
**K10329—Oscillator Coil**

**ANY ABOVE**  
**YOUR COST EACH.....49¢**



### IF Transformer

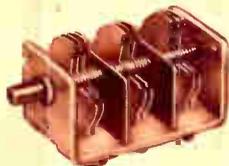
In 1 $\frac{1}{2}$ " square by 3" high shield. Wound on bakelite form. Tuned to 4.3 mc. Mica trimmers. Color coded leads.

**K10330—EACH.....\$1.13**

### Discriminator X'former

Same can as above. Operates at 4.3 mc. Color coded leads. Mica trimmers. Accurately wound coils on bakelite form.

**K10331—**  
**YOUR COST.....\$1.62**



### FM Tuning Condenser

3-gang, 7 to 22 $\frac{1}{2}$  mmfd. Only 2 $\frac{1}{2}$ " long, 1-5/16" high, 1 $\frac{1}{8}$ " wide.

**K10332—**  
**EACH.....\$2.20**

### FM Lead-in Wire

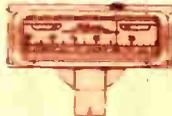
Low-loss twisted #18 gauge 2-conductor transmission line. Surge imped. 72 ohms at 40 mc.

**K16174—** 500 ft. **\$9.15**  
**Per Foot.....2 $\frac{1}{2}$ ¢**

### FM Lightning Arrestor

Neon type arrester especially designed for antenna systems employing two-conductor lead-ins. Ideal for FM antennas. Wt. 1 lb.

**K16701—13 for \$7.50**  
**YOUR COST EACH...\$1.15**



### 7" FM Dial

Single band linear scale. Matches above listed components. Calibrated from 42 to 50.5 mc. Ratio 1:1 in 180°. Dull gold. 3 $\frac{1}{2}$ "x8 $\frac{1}{2}$ " wide.

**K10333—EACH.....\$3.53**

### Rider's Text on FM

What makes it work and why. How it cuts down on interference. How to adjust and repair an FM receiver or adapter. Required reading for every radioman.



136 pages, 5 $\frac{1}{2}$ "x8"  
**K19745—POSTPAID...\$1.47**

# Last Minute SPECIALS

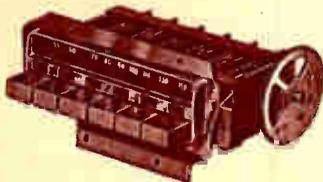
## Special 1941 & 1942 Chevrolet Control Plate



Special escutcheon plate for reinstalling any 1936, 1937 or 1938 Delco, United Motors or Chevrolet Custom-Built Radio Sets into 1941 and 1942 Chevrolet cars. May also be used for reinstalling any other radio set equipped with the same type of control. Shpg. wt. 1 lb. **\$2.27**

**K8241—Your Cost Each..... \$2.27**

## PUSH-BUTTON CONTROL



This control can be attached to the average tuning condenser by means of a simple gear arrangement (gear for condenser not furnished). It is equipped with both a dial scale reading from 55 (550) to 150 (1500) and six plastic push-buttons. No pointer is furnished with the control for the dial but the buttons are easily set for any desired station. Operation is smooth and accurate. Especially well suited for auto sets. Shpg. wt. 3 lbs. **95¢**

**K9403—Your Cost Special..... 95¢**  
Very Limited Quantity—Order Now!

## Shielded Cable with Plug and Socket



A 23-inch shielded two-wire cable with three-prong shielded plug attached. All wires color coded. Has many uses for the ham, experimenter, serviceman, etc. Limited quantity. **7¢**

**K16086—Cable and Plug..... 7¢**  
**10 For..... 60¢**  
**K16085—Socket only..... 3¢**

## 12 Mfd.—25 V. ELECTROLYTIC



A popular by-pass unit made by one of the largest manufacturers. In rectangular cardboard case with mounting and soldering lugs. Conservatively rated. Size:  $2\frac{1}{2} \times \frac{1}{4}$  square (less lugs). Shpg. wt. 3 ozs. **10¢**

**K804—10 For 85¢. Each..... 10¢**  
Very Limited Quantity—Order Now!



## Kit of 4 Auto Cables

An assortment of four popular size cables for auto radio remote controls. A big value for servicemen who do auto radio work. Will take all standard fittings of the proper size. A rare bargain. Shpg. wt. 2 lbs. **39¢**

**K8400..... 39¢**

## JONES Switch

Push button type. Single  $\frac{1}{4}$ " hole mounting. Bakelite insulation with binding post terminals. Spring contact **6¢**



**K12859—Each..... 6¢**  
**10 For..... 54¢**

## Oil Treated X'mitting Type .05 mfd. 400 V. Condenser



Excellent quality. Compact— $1\frac{1}{4} \times 1$ ". Lug terminals. Clamps available separately. **12¢**

**K801—Each..... 12¢**  
**10 For..... \$1.05**  
**K936—Clamp only. Each..... 2 1/2¢**

## Portable Radio Battery Conversion Harnesses

Special battery packs are becoming increasingly hard to get. Use one of these conversion harnesses with your radio to enable you to use standard, easily available, individual A and B batteries. Actually you gain in the long run since you can replace just the battery that has been exhausted without replacing the entire pack. The following harnesses enable you to use standard batteries in place of the battery packs listed.



**K8401**—To replace Burgess G4B50, General Z60B4H4, Usalite AB670, Zenith Z675, etc.  
**K8402**—To replace Burgess G6B60, Usalite AB677, Zenith Z985, etc.  
**K8403**—To replace Burgess 5DA60, 4TA60, 17GD60, 6TA60, 2GA60, Zenith Z802, etc.  
**K8404**—To replace Burgess D5A60, F5A60, G6A42, Philco P841, P87, Rayovac AB794, etc.  
**K8405**—To replace Burgess 6FA60, 4GA41, 4GA42, Philco P60A41, Rayovac AB84, etc.  
**K8406**—To replace Burgess F4B60, Acme 360-4FS, Zenith Z659, etc.  
**K8407**—To replace Burgess 2FA4A60, General 60A4F4, Philco P60A8F4, Rayovac AB694, etc.  
**K8408**—To replace Burgess D4A60, F4A41, 2F4B60, G4B60, Rayovac AB884, Usalite AB664.  
**K8409**—To replace Burgess 4FA60, General P60A4L, Zenith Z9B, etc.  
**K8410**—To replace Philco P60A110, Usalite AB671, etc.  
**K8442**—SPECIAL for using Eveready 467 Minimax and standard flashlight cell in place of Philco combination pack No. 89 in candid camera type sets. **73¢**

**Any Above Type, Your Cost Each.. 73¢**  
NOTE: Write for tabulated listing of all battery packs showing suggested substitution standard batteries and type of harness to be employed. It's FREE.

## JFD 25-ohm Battery Resistor

Enables you to use two standard  $4\frac{1}{2}$  V. "A" batteries in place of the often hard-to-get  $7\frac{1}{2}$  volt battery. Easily connected in series with two 2-prong plugs. **18¢**

**K20589—25-ohm Flexible Resistor. 18¢**  
**K20590—2-prong Plug. 5¢**  
**Your Cost Each..... 45¢**  
**10 For..... 45¢**



## METAL CASED PAPER CONDENSER



.25 mfd. 300 Volt paper condenser in metal case measuring  $1\frac{1}{4} \times 1\frac{1}{2} \times \frac{1}{2}$ ". Has mounting flanges. **5¢**

**K740—(10 For 45¢) Your Cost Special, Each..... 5¢**

## Metal Cased Paper By-Pass Condenser



A real condenser bargain, this metal case paper by-pass condenser is rated at 160 V., .05 mfd. Size:  $1\frac{1}{2} \times \frac{1}{2}$ ". Quantities extremely limited. **2¢**

**K674—Your Cost Each..... 2¢**  
**25 For..... 40¢**

## Metal Tube Electrolytics

Top quality electrolytics in tubes. Color coded leads. Clamps not furnished. Shpg. wt. 8 ozs. each.

No. Cap. Wkg. Volts Each  
**K939\*** 8-10 mfd. 475-50 35¢  
**\*3 1/2 x 1 1/2".**



## Pilot Light Shield

Heavily plated. Ribbed bottom holds shield securely on tubular bulb. (10 for 25¢) **3¢**

## LIFETIME Light

No



Batteries!

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. **\$1.62**

**K25499—Your Cost Each..... \$1.62**

## Batteryless Bicycle Light



A real boon to bicyclists—no batteries to go dead when you need them most. Operates on rim of wheel or tire. Oil-less bearings. Has voltage regulator for various speeds. Shpg. wt. 2 lbs. **\$1.98**

**K25523—Your Cost..... \$1.98**  
**K12208**—Replacement bulb for Bicycle or hand light listed above. Each..... 10¢  
**10 For..... 59¢**

## Bright Star Plastic Flashlights



These popular 2-cell flashlights are sturdily built of durable molded plastic with unbreakable lens and pre-focused lamp. Have removable switch and spare bulb holder. Size:  $8\frac{1}{2} \times 2\frac{1}{4}$ ". Uses PR2 bulb. Complete with batteries. Shpg. wt. 2 lbs. Available in four colors: Red, Black, Blue or Green. Specify color desired when ordering. **85¢**

**K13994—85¢** Lots of 10 (each's)  
**Each..... 76¢ each**

## "Blackout" Flashlights for Civilians, Soldiers, Air Raid Wardens



Compact Junior Model Flashlight equipped with leatherette lapel strap and special luminous "blackout safety button". This button glows in the dark by itself and prevents accidents. Flashlight is molded of durable attractive plastic. 3" long. Equipped with standard Mazda M112 bulb and penlite battery. Shpg. wt. 8 ozs. **44¢**

**K13991—Your Cost..... 44¢**

## Lapel Model

Same as above but less lapel safety button and leatherette strap. With bulb and battery. Shpg. wt. 8 ozs. **25¢**

**K13992—Your Cost..... 25¢**

## Junior Model (Single Cell)

## Senior Model (Two Cell)

About the same size as a regular fountain pen. Equipped with a handy pocket clip. Molded of beautiful plastic. Has dual purpose switch providing for intermittent "push-button" lighting or continuous lighting by turning a small knob. Complete with bulb and two pen-lite cells. Shpg. wt. 1 lb. **69¢**

**K13993—Your Cost..... 69¢**  
Please refer to Page 16 for Burgess Replacement Batteries and to Page 17 for Bright Star Replacement Batteries. Replacement Bulbs will be found listed on Page 15.



# Last Minute SPECIALS

## Bargain Power Transformers!



Only A Limited Quantity Available

Just the thing for use in small radio receivers, converters, test units, etc. Fully shielded. Long color coded leads. Mount in 1 1/2 x 2 1/4" hole or on top of chassis. Mtg. centers 2 1/4". Designed for use with type 2W3 rectifier (half wave). Shpg. wt. 3 lbs. each.

**K1403**—Pri.—110 V. 60 cycles; Sec.—2 1/2 V. for rectifier filament, 6 V. at 1 1/2 Amp., 200 V. at 40 Ma. Size: 3x2 1/2 x 2 1/4".

**K1421**—Same as above but with octal socket in top shell for rectifier tube. Overall: 3x2 1/2 x 3". **Your Cost Either Type, Each Special While They Last. . . . . 45¢**

**K1404**—Same mounting dimensions as above but heavier for use with 8Z rectifier. Secondary 200 V. at 50 Ma. Other specifications as above. Shpg. wt. 3 lbs. Size: 3x2 3/4 x 2 1/2". **Your Cost, Special. . . . . 49¢**

**K1474**—Similar to above but also has built-in static shield. Will deliver 6.3 V. at 1 1/2 amperes; 5 V. at 2 amperes and 250 V. at 40 mills. (condenser input) with 120 V. 50/60 cycles AC in the primary. Consumes 40 watts. 3x3x2 1/2". Shpg. wt. 2 lbs. **Your Cost, Special. . . . . \$1.09**



### Plastic Knobs

Pearl gray knobs 1 1/4" dia. Take 1/4" shafts. **K9646—Each . . . . . 6¢**  
10 For. . . . . 55¢

## AUBURN RADIO TUBES

### Six Months Guarantee

Sensationally low prices on a good grade of radio tubes, fully licensed under RCA patents. Dependable in performance and guaranteed (except for burnouts and breakage) for six months from date of purchase. **5% Discount in lots of 25 (any assortment).**

Type	List	Each	Type	List	Each
1A7GT	\$1.25	\$0.48	12SQ7GT	\$1.05	\$0.33
1H5GT	1.05	.44	12SQ7GT	1.05	.40
1N5GT	1.25	.44	24A	.85	.33
1Q5GT	1.55	.51	25Z5	.95	.33
3Q5GT	1.55	.54	27	.65	.26
6A7	.95	.34	30	.95	.32
6A8GT	.95	.34	35Z5GT	.80	.33
6C8	.95	.32	48	1.05	.37
6D6	.95	.32	45	.75	.26
6L6G	1.90	.55	50L6GT	1.05	.40
12A8GT	.95	.36	80	.65	.23
12SA7GT	1.25	.41			

## Modern Wood Knobs

Handsome wood knobs, walnut color with high lustre finish. All have markings as indicated; lettering in gold. All **Spring Type for 1/4" Shafts.**

No.	Dia.	Ht.	Markings	Each
K10214	1 1/8"	1 1/4"	Volume Control;	6¢
K10216	1"	3/4"	Band Switch;	
			SW-Broad . . . . .	5¢
K10215	1"	3/4"	Tuning . . . . .	5¢
K10217	1"	3/4"	Volume Control;	
			Set On-Off . . . . .	5¢
K10218	3/4"	3/4"	Tone Control;	
			Voice-Music . . . . .	5¢
K10219	3/4"	3/4"	Band Switch;	
			SW-BO . . . . .	5¢



## SPECIAL!

WET ELECTROLYTICS Only a Limited Quantity

Because of ever-increasing prices we can say with certainty that when these are gone these prices will never again be equalled. K810 is inverted type with palnut—others upright.

No.	Mfd.	Vlts.	Size	Each
K805	12	150	4 1/2 x 1 3/4"	25¢
K728	24	150	4 1/2 x 1 3/4"	29¢
K935	25	150	4 x 1 3/8"	29¢
K729	40	150	4 1/2 x 1 3/8"	29¢
K810	40	150	4 1/2 x 1 3/8"	29¢
K933	18	800	4 x 1 3/8"	25¢



## Kit of Ten Wet Electrolytic Condensers

Condensers like these are hard to get at all, let alone at a price like this! In fact this may very well be your last chance to buy condensers in a

quantity lot. Ten fine wet electrolytics in popular sizes. All fresh, clean, brand-new stock. Avoid disappointment—order now! Shpg. wt. 3 lbs. **K3869—Your Cost Special. . . . . \$1.95**

## Walnut Radio Knobs

Polished walnut finished wood knobs. Spring (push-on) type. Rounded top. **Each**  
**K10225—1 1/4" D x 1 1/4" H . . . . . 6¢**  
**K10226—1 1/8" D x 1 1/4" H . . . . . 6¢**



## Silk-Covered Litz Wire

Has lower skin resistance than any other wire. Ideal for i.f., r.f. coils, loop aerials, etc.

**K16152**—100-ft. coil **18¢**  
**Your Cost**  
**K16153**—1000-ft. coil **\$1.20**  
**Your Cost**

## Lacquered Hookup Wire



Rubber insulated with lacquered braid overall. Strands tinned. Easily soldered and worked. 20 ga.  
**K16344**—100-ft. coil **75¢**  
**Your Cost**  
**K16345**—250-ft. coil **\$1.85**  
**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. . . . . 39¢**

## R.M.A. Color Coded Carbon Resistor Kit

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. . . . . **\$1.30**



## Wire Bundles



Every serviceman and set builder will welcome this handy and money-saving wire bundle. Every size length necessary for wiring. Lengths from two inches up to one foot, all with tinned ends. All standard push-back r-c hook-up, lacquered cotton braid, etc. These handy leads save time and work.

**K16049**—1-lb. bundle. **29¢**  
**Your Cost**  
**K16048**—2-lb. bundle. . . . . 55¢  
**K16047**—3-lb. bundle. . . . . 75¢  
**K16046**—5-lb. bundle. . . . . \$1.15

## No. 20 Solid Wire



Inner covering of live fresh rubber and an outer covering of durable cotton braid. No. 20 solid copper wire suitable for a wide variety of purposes. Wt. 8 oz.

**K16400**—25-ft. coil. **25¢**  
**Your Cost**  
**K16401**—50-ft. coil. Wt. 1 lb. **45¢**  
**Your Cost**

## Broad Band I.F. X'former



Designed specifically for use in high fidelity receivers. Effectively covers a range from 800 to 600 kc. Doubled-tuned. Heavily impregnated. Overall dimensions: 2 3/8" high, 1 1/2" square. Made by one of the largest coil manufacturers. Shpg. wt. 10 oz.  
**K10283—Your Cost. . . . . 49¢**

## BARGAINS IN KITS



We are famous for our bargain kits. Clean merchandise—carefully packed and priced low!  
**K9662**—Molded Knobs (10) **35¢**  
**Special**  
**K13111**—Wafer Sockets (20 assorted) **39¢**  
**Special**  
**K9609**—Trimmer-Padder Condensers (10) **49¢**  
**Special**  
**K9801**—Dial Scales (10 assorted) **23¢**  
**Special**

## Powerful Reversible Electric Motor



Adaptable for use wherever a light duty motor is needed. Fitted with proper blades it makes a fine fan. Instantly reversible. 2200 r.p.m. Only a limited quantity available. Shpg. wt. 1 lb.  
**K14702—Your Cost 59¢**

## Two-Bayonet-Type Pilot Lite Sockets

Two excellently designed molded pilot light sockets for use with sets having large dials. 19 leads with 9" connecting lead between sockets. Can be used individually if desired. (10 for \$1.05)  
**K6412—Per Pair. . . . . 12¢**

**Yellow Pointer Knob**  
1 1/4" bar knobs of bright yellow plastic.  
**K9671—Each. . . . . 4¢**  
10 For. . . . . 35¢

## 4-P T-T SWITCH

Four pole three-position switch for use as band change over switch or any other similar purpose. Shpg. wt. 1 lb.

**K12875—Your Cost. . . . . 39¢**

## Loading Coils

Not enough space for a doublet. Just insert a loading coil to make up the difference. Can also be used as a 5 or 10M choke. Enameled wire on a ceramic tube. 2 inches long overall. Solder lug terminals.  
**K17085—Special, Each. . . . . 10¢**  
10 For. . . . . 85¢

## Heavy Duty Replacement Cord

A 10-ft. heavy duty rubber replacement cord for use on amplifiers, vacuum cleaners, etc.  
**K13284—Special. . . . . 39¢**

## Electrical Appliance Cord

An exceptionally low price for a high quality cord for all types of appliances including irons, toasters, coffee makers, etc. Rayon-cotton covered and asbestos insulated 10,000 cycles heater cord with molded plug. Made by GE. Shpg. wt. 2 lbs.  
**K25485—Each. . . . . 49¢**  
Lots of 6, Each. . . . . 44¢

**RCA Service Engineer's  
Tool and Accessory Kit**



A sturdy attractive case in which to carry your tools, tubes, wire and parts when out on a service call. Separate compartments for tools.

**K23010— \$4.25**  
Net.....  
**FREE** with 200 RCA Radiotrons

**RCA Service Engineer's  
Fountain Pen**



Here is a new pen you will be proud to own. Sleek and smart with a smooth-sliding point of iridium-tipped stainless steel. The RCA patented resistor drums are included on the black barrel and the RCA monogram on the cap. Fully guaranteed by RCA.

**K23011— \$3.50**  
Net Price Each.....

**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 \$1.30**  
**FREE** with 65 RCA Radiotrons.

**Tape  
Machine**



For quick, clean wrapping. Durable. With 5 rolls of un-imprinted tape.

**K23001— \$4.00**  
Each.....

**FREE** with 200 RCA Radiotrons.

**Package Tape**



1 1/2" wide. Imprinted (give name, address, phone).  
**K23007—10 Rolls For \$6.50**  
**FREE** with 325 RCA Radiotrons.

**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 \$12.00**  
**FREE** with 600 RCA Radiotrons.

**WRITE FOR CATALOG**

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

Ask for **K23012**

**RADIO**

**Lafayette**

**Six Months Guarantee**

All Lafayette and Radiotron tubes are guaranteed for 6 months from date of purchase (except burnouts and broken tubes).

NET PRICES		NET PRICES		NET PRICES		NET PRICES		
TYPE	RCA	LAF.	TYPE	RCA	LAF.	TYPE	RCA	LAF.
01A	—	\$0.31	2A7	\$0.62	\$0.48	6C7	\$1.35	\$1.06
0A4G	\$1.12	—	2B7	.73	.56	6C8G	.91	.71
0Z4†	.91	—	2E5	.73	.66	6D6	.56	.43
0Z4†	.91	.71	2V3G	1.65	—	6D8G	.91	.71
1A4P	.91	.71	2W3GT	—	.40	6E5	.62	.48
1A5GT/G	.62	.48	2X2	1.35	—	6E6	1.12	—
1A6	.73	.56	879	1.35	1.06	6E7	1.35	1.06
1A7G	.91	.71	3A8GT	—	.83	6F5†	.62	.48
1A7GT	.73	.56	3B5GT	—	—	6F5G	.62	.48
1B4P	.73	.56	3Q4	.91	—	6F5GT	.56	.43
1B5	.73	.56	3Q5GT/G	.91	.71	6F6†	.62	.48
25S	.73	.56	3S4	.91	.71	6F6G	.50	.38
1B7GT	.73	—	5T4†	1.12	.88	6F7	.91	.71
1C5GT/G	.73	.56	5U4G	.56	.43	6F8G	.73	.56
1C6	.73	.56	5V4G	.91	.71	6G6G	.73	.56
1C7G	.73	.56	5W4†	.62	.48	6H4GT	—	.79
1D5GP	.73	.56	5W4GT/G	.50	.40	6H6†	.62	—
1D5GT	.73	—	5X4G	.62	.48	6H6G	.62	—
1D7G	.91	.71	5Y3GT/G	.38	.30	6H6GT/G	.62	.48
1D8GT	1.12	.88	5Y4G	.41	.31	6J5†	.50	.38
1E4G	—	.63	5Z3	.62	.48	6J5G	.56	.48
1E5GP	.91	.74	5Z4†	.73	.56	6J5GT	.50	.38
1E7G	1.35	1.06	6A3	1.12	.88	6J7†	.73	.56
1F4	.73	.56	6A4	—	.71	6J7G	.62	.48
1F5G	.73	.56	LA	.91	—	6J7GT	.62	.48
1F6	.91	.71	6A5G	—	1.12	6J8G	.91	.71
1F7GV	.91	.71	6A6	.91	.71	6K5G	.62	.48
1G4GT/G	.73	.56	6A7	.56	.43	6K6GT/G	.56	.43
1G5G	.73	.56	6A7S	1.35	—	6K7†	.62	.48
1G6GT/G	.91	.71	6A8†	.73	.56	6K7G	.62	.48
1H4G	.56	.43	6A8G	.56	.43	6K7GT	.56	.43
1H5G	.73	—	6A8GT	.56	.43	6K8†	.73	.56
1H5GT	.62	.48	6AB5	—	.91	6K8G	.73	.56
1H6G	.73	.56	6N5	.91	.71	6K8GT	.73	.56
1J5G	1.12	.88	6AB7	—	1.12	6L5G	.62	.48
1J6G	.73	.56	1853	—	—	6L6†	1.12	.88
1LA4	1.35	1.06	6AC5GT/G	.62	.48	6L6G	1.12	.88
1LA6	1.35	1.06	6AC7	1.35	—	6L7†	.91	.71
1LB4	1.35	—	1852	—	.91	6L7G	.91	.71
1LH4	1.35	1.06	6AD6G	.91	.71	6N5	.91	.71
1LN5	1.35	1.06	6AD7G	.91	—	6N6G	1.35	1.06
1N5G	.91	.71	6AE5GT/G	.73	.56	6N7†	.91	.71
1N5GT	.73	.56	6AE6G	.73	.56	6N7G	.91	.71
1N6G	.73	.56	6AE7GT	.73	.56	6P5G	.47	—
1P5GT	.91	.71	6AF6G	.91	.71	6P5GT	.44	.33
1Q5GT/G	.91	.71	6AG7†	1.35	—	6P7G	1.35	1.06
1R5	.91	.71	6B4G	1.12	.88	6Q7†	.73	.56
1S4	.91	.71	6B5	1.12	.88	6Q7G	.50	.38
1S5	.91	.71	6B6G	.62	—	6Q7GT	.50	.38
1SA6GT	—	.83	6B7	.73	.56	6R7†	.91	.71
1SB6GT	—	.83	6B7S	1.35	—	6R7G	.62	.48
1T4	.91	.71	6B8†	1.12	.88	6R7GT	.50	.38
1T5GT	.91	.71	6B8G	.73	.56	6S7†	.91	.71
1V	.56	.43	6C5†	.62	.48	6S7G	.91	.71
2A3	1.12	.88	6C5G	.56	—	6SA7†	.56	.43
2A4G	1.65	1.30	6C5GT	.56	.43	6SA7GT/G	.62	.48
2A5	.56	.43	6C6	.56	.43			
2A6	.56	.43						

† Due to present emergency, when out of stock on metal types we will substitute and ship "GT/G" equivalents.



# TUBES

**In Factory Sealed Cartons**  
All Lafayette and RCA Radiotron tubes are packed in factory sealed cartons. They reach you in perfect condition.

NET PRICES		NET PRICES		NET PRICES				
TYPE	RCA LAF.	TYPE	RCA LAF.	TYPE	RCA LAF.			
6SC7†	\$0.73	\$0.56	12A7	\$1.12	\$0.88	35A5(LT)	\$0.73	\$0.56
6SD7GT	—	.59	12A8GT	.56	.43	35L6GT/G	.56	.43
6SF5†	.56	.43	12B8GT	.91	.71	35Z3(LT)	.73	.56
6SF5GT	.56	.43	12C8†	1.12	—	35Z4GT	.44	.33
6SF7†	.73	.56	12F5GT	.56	.43	35Z5GT/G	.47	.36
6SG7†	.73	.56	12H6†	.62	.48	36	.56	.43
6SJ7†	.62	.48	12J5GT	.56	.43	37	.47	.36
6SJ7GT	.62	.48	12J7GT	.62	.48	38	.62	.48
6SK7†	.56	.43	12K7GT	.56	.43	39	—	—
6SK7GT/G	.56	.43	12K8†	.91	—	44	.56	.43
6SN7GT	.73	.56	12K8GT	—	.66	41	.47	.36
6SQ7	.56	.43	12Q7GT	.50	.38	42	.47	.36
6SQ7GT/G	.62	.48	12SA7†	.56	.43	43	.62	.48
6SR7†	.62	.48	12SA7GT/G	.73	.56	45	.44	.33
6SS7†	.56	.43	12SC7†	.73	.56	45Z3	.62	.48
6T5	—	1.04	12SF5†	.62	.48	45Z5GT	.62	.48
6T7G	.73	.56	12SF5GT	.62	.48	46	.62	.48
6U5/6G5	.73	.56	12SF7†	.73	.56	47	.62	.48
6U6GT	—	.59	12SG7†	.73	.56	48	1.65	1.30
6U7G	.56	.43	12SJ7†	.62	.48	49	.73	.56
6V6†	1.12	.88	12SJ7GT	.62	.48	50	1.35	1.06
6V6GT/G	.62	.48	12SK7†	.56	.43	50L6GT	.62	.48
6V7G	.73	.56	12SK7GT/G	.62	.48	50Y6GT	.62	—
6W5G	—	.74	12SN7GT	.73	.56	50Z7G	.73	.56
6W7G	.91	.71	12SQ7†	.56	.43	53	.91	.71
6X5†	.91	.71	12SQ7GT/G	.62	.48	55	.62	.48
6X5GT/G	.56	.43	12SR7†	.73	—	56	.44	.33
6Y5	1.85	1.06	12Z3	.56	.43	57	.50	.38
6Y6G	.91	.71	14A7	1.12	.88	58	.50	.38
6Y7G	.91	.71	12B7	1.12	—	59	.91	.71
6Z5	1.35	1.06	15	1.12	—	70A7GT	—	.82
6Z7G	1.12	.88	19	.73	.56	70L7GT	1.12	.88
6ZY5G	.73	.56	24A	.50	.38	71A	.50	.38
7A4	.73	.56	25A6†	1.12	.88	75	.47	.36
7A5	.73	.56	25A6GT/G	.62	.48	76	.50	.38
7A6	.73	.56	25A7GT/G	.91	.71	77	.50	.38
7A7(LM)	.73	.56	25AC5GT/G	.91	.71	78	.50	.38
7A8	.73	.56	25B5	1.35	1.06	79	.91	.71
7B4	.73	.56	25B6G	1.12	—	80	.38	.28
7B5(LT)	.73	.56	25B8GT	1.12	—	81	1.12	.88
7B6(LM)	.73	.56	25C6G	1.12	—	82	.73	.56
7B7	.73	.56	25L6†	.91	—	83	.73	.56
7B8(LM)	.73	.56	25L6GT/G	.62	.48	83V	1.12	.88
7C5(LT)	.73	.56	25N6G	1.35	1.06	84	—	—
7C6	.73	.56	25Y5	1.35	1.06	6Z4	.62	.48
7C7	.73	.56	25Z5	.56	.43	85	.50	.38
7E6	.73	.56	25Z6†	.73	.56	89	.56	.43
7E7	.91	.71	25Z6GT/G	.56	.43	117L7GT/	—	—
7F7	.91	.71	26	.41	.31	M7GT	1.35	1.06
7G7	—	—	27	.38	.28	117N7GT	1.35	1.06
1232	1.12	.88	30	.56	.43	117P7GT	1.35	1.06
7H7	1.12	.88	31	.56	.43	117Z4GT	—	.85
7J7	1.12	.88	32	.73	.56	117Z6GT/G	.91	.71
7L7	—	.88	32L7GT	1.12	.88	183	—	—
7Q7	.73	.56	33	.73	.56	483	1.12	.88
7Y4	.73	.56	34	.73	.56	485	1.12	.88
10	1.65	1.30	35/51	.56	.43	874	1.50	—
12A5	1.35	1.06				884	2.00	—
						885	2.00	—
						VR75/30	1.25	—
						VR105/30	1.25	—
						VR150/30	1.25	—

† Due to present emergency, when out of stock on metal types we will substitute "GT/G" equivalents.

## FREE! Decalcomanias

A brilliant 3-color "RCA" decalcomania that makes a distinctive identification mark. Free on request. Ask For K23013.

## Service Engineers Pencils



### Standard Model (top)

Automatic "Resistor Guide" pencil — 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. **\$1.75**  
K21913—Net

### DeLuxe Model (bottom)

Has a simulated pearl barrel. Three different colored leads (red, blue and black) available by means of shift levers. Incorporates famous "Resistor Guide". With leads. **\$2.35**  
K23009—Net

## Personal Billheads

Very useful. Complete with three line imprint (give name, address and phone).

**\$1.30**  
500 For...  
FREE with 65 RCA Radiotrons.

## Personal Stamp and Pad



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

## Repair Tickets

Show exactly the work done on each repair job. Imprinted (give name, address and phone number). **\$1.65**  
K23006—300 For...  
FREE with purchases of 80 RCA Radiotrons.

## Not Home Cards

With 3-line imprint (give name, address and phone number). **\$1.30**  
K23004—500 For...  
FREE with 65 RCA Radiotrons.

## Calling Cards

Imprinted with your name, address and phone number (give details). **\$1.60**  
K23005—500 For...  
FREE with 80 RCA Radiotrons.

## FREE! Tube Price Cards

An up-to-date price list for your tube stock. Complete for all new and old types. Free on request. Ask For K23014.

# BALLAST RESISTORS and VOLTAGE CONTROLS

## Line Cord Resistors



Flexible, sturdy cords for AC-DC radios, field supplies, phono oscillators, etc. Voltage drop ratings are at 3 amps. This value subtracted from your line voltage gives voltage applied to tube filaments.

No.	Ohms	Voltage Drop
K5322	135	40.5 volts
K5332	150	45.0 volts
K5331	160	48.0 volts
K5323	180	54.0 volts
K5330	200	60.0 volts
K5324	220	66.0 volts
K5325	250	75.0 volts
K5329	280	84.0 volts
K5242	310	98.0 volts
K5326	330	99.0 volts
K5241	360	108.0 volts
K5320*	525	*78.75 volts

\* This cord used in 3-way portable sets. Voltage drop calculated for .15 amp. drain.

Any Above Your Cost Each ..... **42c**

## Universal Resistor Cord



One cord fits any type set. Any normally used resistance from 22 to 350 ohms in one cord. Full instructions included.

K5321—Each ..... **59c**

## Special AC-DC Cords With Pilot Light Tap

Like above, but 4-conductors, with pilot light tap. Tinned leads.

Stock No.	Total Ohms	Tapped at Ohms	Your Cost
K5334	165	22.5	<b>55c</b> Each
K5335	179	25	
K5336	190	40	
K5337	200	25	
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 75 tube combination. **55c**  
Your Cost Each .....  
K5328—270 ohms. For 6A7 and 25Z5 tube combination. **55c**  
Your Cost Each .....  
K5329—270 ohms. For 6A7 and 25Z5 tube combination. **55c**  
Your Cost Each .....

## 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 } Each ..... **75c**  
K5244—Foreign }

## Automatic Line Volt. Control



Fit any standard 110 V. AC outlet. For any set up to 9 tubes. Automatically compensates for line voltage variations. Protects your tubes from burnout due to high line voltage. Steel clad—air cooled.

K16955—Your Cost ..... **38c**  
5 For ..... **\$1.70**

## 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 ..... **39c**  
Lots of 10 (Ass't.), Each ..... **35c**

No.	Type	No.	Type	No.	Type	
K7037	140R8*		K55B	K7042	K80B(60-92A)	
K6888	165R4*(X49)	K6870	3813	K7043	L42C(69-2037)	
K6869	165R3*(50A2)		115.53	K7044	L42D	
K6865	185R*(50X3)	K6871	K55C(5630)		L49B	
K6866	185R4*(180KB)		K55D	K6876	2UR224	
K6867	185R4*(50X3T)	K6872	3614		69-2033	
K7039	BM49B		115.22	K6877	L49C(69-2037)	
K7040	EM55B	K6873	K49B(115.41)		K6860	L55B
K7041	C9286	K6874	K49C(16040)	K7045	L80B	
K6860	2VR215		K49D	K6870	{Y-TU-9}	
	{L55B}	K6875	3334		{K55B}	
K6859	K42B		115.28			

\* Indicates glass or metal 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 Beginning with Letters	Numbers From	Ending in Letters	Your Cost Each
K6842	BK, BL, K, L, M	10 to 23	A, B, C, D	<b>59c</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 5c each.)

## AMPERITE AC-DC Ballast 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 tube. All KL types are octal base.

\* Asterisk indicates special unit. **59c**  
Any Type Below, Your Cost Each .....

No.	Type	No.	Type	No.	Type
K12239	3-40	K12245	KL-45J*	K12234	KL-75
K12238	4P-45	K12237	320R4*	K12222	L55B
K12238	4P-45	K12238	E157*	K12221	KL60E
K12224	165R4*	K12233	KL-25	K12450	BKV51DJ*
K12225	200R*	K12235	KL-25H	K12452	100-77*
		K12232	KL-45		
			K12223	KL-50S3	

## 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-25H	K, L, M or BK	10 to 36	F, G or H
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, M or BK	67 to 105	F, G or H
KL-50S1	K or L	40 to 100	S1
KL-50S2	K or L	40 to 100	S2
KL-50S3	K or L	40 to 100	S3
KL-50S8	K or L	40 to 100	S8
KL-60E	K or L	36 to 67	E

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

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

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

5B	50	50XR	140R	165R	135R	KX42A
		KX49A		KX55A		

## Adjustable Universal AC-DC Ballasts

Only three types are required to service about 99% of the ballasts in use now. Easy to adjust; no extra tools required. Have easily removable pins. Ideal for servicemen and dealers; minimizes stock and prevents obsolescence.

K6856—Type A, 8 pr.  
K6857—Type B, 8 pr.  
K6858—Type C, 4 pr.  
Your Cost Each ..... **59c**  
Lots of 5, Each ..... **55c**

## SPECIAL!

Only a limited number of these popular ballast tubes available!  
K7027—Type M56HG } **12c** ea.  
K7028—Type 08G }  
10 For ..... **\$1.08**

## 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>54c</b>
K6812	100	5, 6, 7	
K6813	150	8, 9, 10	
K6814	200	11, 12	
K6815	250	2 Type 50	

## NOTE—

Due to scarcity of materials it may be necessary to substitute glass or metal type tubes for type ordered. Substitutions will be made only when unavoidable.

## "Cage" Ballasts For Crosley Radios

These high quality ballasts duplicate the original units 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	44938

Any Type Above, Your Cost Each ..... **59c**  
In Lots of 5, Each ..... **55c**

## Exact Duplicate AC-DC Ballast Tubes



Simplify your serving problems by stocking a few of each 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 Model	Type	Each
For Philco BKV51DJ			
K12142—5	For \$3.95		Ea. 86c
K12125	For Zenith 100-70		55c
K12126	For Zenith 100-77		5 For
K12127	For Zenith 100-79		
K12128	For Ferguson E157		<b>\$2.45</b>

## Replacement Ballasts

Only popular models listed; others supplied on order. Shpg. wt. 2 lbs.

No.	Type	Each
K6805	Brunswick	
K6806	Clarion 51, 58	
K6808	Grebe	
	SK4-HS-5	
K6816	Majestic 70	
K6816	Majestic 72	
K6818	Majestic 180	
K6819	Majestic 90	
K6805	Sonora A30-32	
K6823	S. W. 900	
K6824	S. W. 950	
K6825	S. W. R100	

Your Cost Each ..... **95c**  
5 For ..... **\$4.30**

## Amperite AC Voltage Regulator Tubes

Keeps input voltage to receiver constant. Protects condensers and resistors. For AC sets. Specify type desired.

Tubes	Type	Use	Each
4-5	5A5	11-12 11A5	<b>\$1.25</b>
6-7	7A5	13-17 20A5	
8-10	9A5		
K19101	Socket Only		<b>15c</b>

## AMPERITE Special AC Tubes

Exact units for popular sets.

Stock No.	Amp. No.	For Use In Models
K12455	9-20	Brunswick 14, 21, 31 Brem-Tully S81, S82
K12456	11-20	Brun. S14, S21 Brem-Tully 82, 84
K12457	90	Majestic 90 series
K12605	70	Majestic 70 series

Your Cost Each, Any Above Type ..... **73c**  
K12220, Amperite No. 85000—For RCA Part M86892-9 Cost ..... **55c**

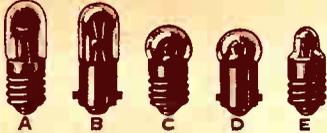
## Battery Ballasts For 2 Volt-Tube Radios

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	LLL225	5E1
1N1	1N1	1A2	30
1V1	5H1	1B2	31

K19110—Specify Type  
Your Cost Each ..... **73c**

# PILOT LIGHTS and NEON BULBS

## Genuine EVEREADY-MAZDA Pilot Light Bulbs



Both pilot and flashlight type bulbs are listed below. 6-8 volt bulbs are for 6.3 volt receivers. Bead colors aid in identifying bulb types. Eveready-Mazda bulbs are standard in most makes of radios.

### Tubular Bulb, Miniature Screw Base (A)

Stock No.	Type	Bead Color	Volts	Amps.	Ea.	10 For	100 For
K12274	48	Pink	2.0	.06	15c	\$0.83	\$8.14
K12250	41	White	2.5	.50	9c	.54	4.90
K12251	42	Green	3.2	.35	12c	.71	6.47
K12254	40	Brown	6-8	.15	9c	.54	4.90
K12252	46	Blue	6-8	.25	9c	.54	4.90

### Round Bulb, Miniature Screw Base (C)

K12273	50	White	6-8	.20	10c	.59	5.39
--------	----	-------	-----	-----	-----	-----	------

### Tubular Bulb, Miniature Bayonet Base (B)

K12260	43	White	2.5	.50	9c	.54	4.90
K12259	49	Pink	2.0	.06	15c	.88	8.14
K12283	45	White	3.2	.35	12c	.71	6.47
K12249	44	Blue	6-8	.25	9c	.54	4.90
K12284	47	Brown	6-8	.15	9c	.54	4.90
K12437	49A	White	2.2	.12	18c	1.03	8.10

### Round Bulb, Miniature Bayonet Base (D)

K12261	51	White	6-8	.20	7c	.41	3.82
K12285	55	White	6-8	.40	7c	.41	3.82

### FLASHLIGHT BULBS

G-3 3/4 (C) is small round. G-4 1/2 (C) is large round. TL-3 (E) is lens bulb. P-3 1/2 (not illustrated) is pre-focused miniature flange type bulb.

Stock No.	Type	Bead Color	Volts	Amps.	Ea.	10 For	100 For
K12200	18(G-3 3/4)	Green	8.8	.30	9c	\$0.54	\$4.90
K12201	14(G-3 3/4)	Blue	2.5	.30	9c	.54	4.90
K12202	605(G-4 1/2)	Brown	6.0	.50	10c	.59	5.39
K12203	222(TL-3)	White	2.2	.25	9c	.54	4.90
K12204	112(TL-3)	Pink	1.1	.22	9c	.54	4.90
K12205	238(G-3 3/4)	Purple	2.3	.27	9c	.54	4.90
K12206	PR2(P-3 1/2)	Blue	2.4	.50	13c	.76	7.06
K12207	PR3(P-3 1/2)	Green	3.6	.50	13c	.76	7.06
K12208	263X(G-3 3/4)	Blue	2.6	.30	10c	.59	5.39

## CANDELABRA BASE 110-120 V. Pilot Lights



Genuine GE Mazda lamps. Type S-6.

K12257—6 watts. **15c**  
K12258—8 watts. **25c**

Type C-7. As above, but cone shape, 7 watts. Available in White Frosted—K12280; Green—K12281; Red—K12282.

Any Color, Each. **10c**

## Tubular Candelabra Base 110-120 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 1/4" long. K12272—10 For \$3.30.

Each. **36c**

## VICTOR Pilot Bulb

Intermediate base, frosted bulb. 110/120 volts. For Colonial, Victor and other receivers.

K12253—Carton of 10, \$1.60. Each. **17c**

## Theater Exciter Lamps



For sound-on-film. Each measures 3 3/4" long, 1" diameter; equipped with single-contact bayonet base. Factory tested.

Type	Volts	Amps.	Your Cost, Any Type
105	10	5.0	<b>49c</b>
107	10	7.5	
854	8.5	4.0	

Type T-5: 15 volts, 1 ampere. Your Cost, Each. **75c**

## 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. **27c**

## MALLORY Panel Light



A convenient reflector for panel mounting. Shell base. Mounts in single 1/2" hole. K6436—Each. **47c**

## GE NEON GLOW LAMPS

Used extensively in test instruments. On DC, only the negative electrode glows. All except 1/2-watt types operate on 105-125 volts AC or DC and require minimum starting voltages (approx.) 65 on AC, 90 on DC. 1/2-watt miniature starting voltage 105—recommended only for AC not DC. All have clear glass except K12262 which is finished red and K12263 which is finished orange.



Standard Edison Base			
No.	Type	Watts	Ea. 10 For
K12265	G10	1/2	36c \$3.25
K12266	G10	1	45c 4.05
K12267	S14	2	49c 4.40
K12263	S14	2	54c 4.86
K12276	S14	8	

Candelabra Base			
No.	Type	Watts	Ea. 10 For
K12264	T4 1/2	1/2	36c \$3.25
K12277	G10	1	41c 3.65
K12278	G10	1	

**ARGON (Blue) Lamp**  
Edison base. Clear glass. 2 1/2 watts. K12279—Each. **45c**

## Porcelain Receptacles



For neon glow lamps, etc. Mtg. hole spacing all types 1 1/2" except K13327 which is 2". K13387 requires 1/4" socket hole in addition.

K13331—Candelabra (B) **7c** Ea.  
K13330—Miniature (B) **7c** Ea.  
K13327—Edison (B) **9c**  
K13387—Candelabra (A) **28c**

## Resistorless Neon Lamps



Used in test instruments, noise silencers, etc. All have 2-contact bayonet base except K12209 which has leads. Clear glass.

No.	Type	Watts	Each
K12268	T4 1/2	1/2	<b>41c</b>
K12269	G10	1	
K12270	G10	1	
K12271	S14	2	<b>49c</b>
K12209	T4 1/2		<b>31c</b>

## 2-Contact Bayonet Metal Shell Sockets



Base Mtg. 1 1/4" high. Flush diam., 1 1/2" high. Bakelite base. Screw terminals. K13332... **39c**

Flush Mtg. Requires diam. 1 1/4" hole plus mtg. holes 1 1/4" apart. 13389—Each. **25c**



## Jewelled Pilot-Brackets



Fine quality jewelled pilot brackets, for amplifiers, transmitters, etc. All have faceted jewels, highly polished nickel-plated steel brackets. Standard jewelled brackets have 1/2" jewel requiring a 1/2" mounting hole. Jumbo brackets have a 3/4" jewel, requiring a 1 1/4" hole. Available with Candelabra 110 V., Miniature Bayonet and Miniature Screw base sockets.

Standard Size Stock No.

Base Type	Green	Red	Amber
Min. Screw	K6433 16c	K6432 16c	K6434 16c
Min. Bt.	K6456 18c	K6454 18c	K6458 18c
Cand.	K6427 19c	K6426 19c	K6428 19c

Faceted Jewels Only  
K6430 12c K6429 12c K6431 12c  
Assembly With 1/4" Jewel Each  
Min. Screw K6330 K6331 K6332 42c  
Cand. K6333 K6334 K6335 42c

## Front Removable Jewel Brackets



For test panel mount in 1 1/4" 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, **27c**

Same, but Miniature Bayonet Base  
K6408—Red K6409—Green  
K6410—Amber K6411—Opal  
Any Type, **27c**

## Giant 1" Jewel Brackets

1" diameter faceted jewels. Candelabra takes 3 or 6-watt 110V. bulb.

Color	Base Candelabra	Base Miniature	Base Bayonet
Red	K6403	K6404	K6405
Opal	K6321	K6324	K6327
Green	K6322	K6325	K6328
Amber	K6323	K6326	K6329

Any Type Above, **70c**  
Each



## Trutest Bull's Eye

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. Polished chrome. Jewel bezel. K14174—Your Cost. **70c**

K14175—Similar to above, but with red or green faceted 1" jewel. Specify color. K14176—Same but with miniature base. Either Type, Your Cost Each. **70c**

## 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. **\$1.08**



## Pilot Light Sockets Miniature, Candelabra, Bayonet Base



Miniature		Bayonet		Candelabra	
5c ea., 10 for 47c	100 for \$4.23	6c ea., 10 for 57c	100 for \$5.10	8c ea., 10 for 75c	100 for \$6.75
A	K6510	A	K6488	A	K6539
B	K6511	B	K6489	B	K6557
C	K6512	C	K6490	C	K6540
D	K6513	D	K6514	D	K6564

## Insulated Pilot Light Sockets



Underwriter's style sockets with fibre insulation. 12" leads. Bayonet type only. K6476—Type (A) K6491—Type (B)  
K6493—Type (C) K6494—Type (D)  
Any Above, **12c**  
Each. **\$1.05**  
10 For (May be assorted).



# BURGESS BATTERIES

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 "ageing" period so that standard 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.



## STANDARD AND HEAVY DUTY 45 Volt "B" Batteries

Super B batteries have oversized cells and are built to give maximum service. Both Regular and Super types available with Fahnestock clips or with sockets for standard battery plugs. Plugs not included.

### Standard Duty 45V. B's (Tapped at 22½V.)

Stock No. Clip	Burgess Socket	Burgess No.	Type	Dimensions H. W. D.	Shpg. Wt.	Unit Pkg.	Single Each
K19829	K19825	2308	Regular	7½x8 x2½"	8 lbs.	6	\$1.34

### Heavy Duty 45V. B's (Tapped at 22½V.)

K19831	K19824	10308	Regular	7½x8 x4"	12 lbs.	6	\$2.05
K19832	K19822	21308	Super	7½x8½x4½"	14 lbs.	6	2.23

## 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. All give exceptionally long service for their weight.

Stock No.	Burgess No.	Terminals	Volts	Dimensions			Shpg. Wt. Lbs.	Unit Pkg.	Single Each
				H.	W.	D.			
K19861	5308	insulated	45	5½	4½	2½	4	6	\$1.16
K19865	Z30N	insulated	45	4½	3	1½	2	6	1.27
K19856	W30BFX	insulated	45	3½	2½	1½	1	6	1.87
K19863	4156	brass	22½	3	3	2½	2	4	.64



## Standard "C" Batteries

Dependable, long life batteries especially designed for "C" supply in receivers, amplifiers, etc. Also used in test equipment. Burgess Type 2370 and 5156 are available with either knurled top binding posts or with sockets to take standard battery plugs. Others available only with binding posts.

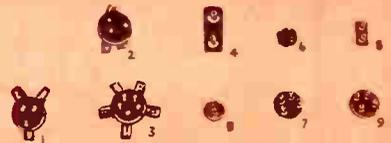
Stock No. Posts	Burgess Sockets†	Burgess No.	Volts	Dimensions H. W. D.	Shpg. Wt., Lbs.	Unit Pkg.	Single Each
K19866		5360	4½	3 x2½x 1½"	1	4	31c
K19867	K19827	2370	4½	4 x3½x1½"	2	10	30c
K19868		5640	7½	3½x4 x 1½"	1	4	48c
K19862*	K19826	5156	22½	3½x4½x2½"	2	4	71c

\*Has spring clips. †Tapped at 3, 4½, 16, 22½V. ‡Less plug.  
NOTE: Plugs for batteries above are listed at right.

## Standard Battery Plugs

Fit any make of dry battery. Check specifications carefully. When in doubt, give make and model number of battery on your order so that we can determine the correct type of plug you will require. Note listing of special battery harnesses on page 10.

No.	Illus.	Description	Used With	Each
K20591	(1)	3-prong "B"	45 V. "B" Batteries	5¢ Ten Ass'td for 45c
K20592	(2)	3-prong "C"	4½ V. "C" Batteries	
K20593	(3)	5-prong "C"	22½ V. "C" Batteries	
K20590	(4)	2-prong "A"	4½ V. "A" Batteries	
K20595	(5)	2-prong "A"	1½ V. "A" Batteries	
K20596	(6)	3-prong "B"	Portable "B" Batteries	
K20597	(7)	4-prong "A&B"	Comb. 1½ V. "A" & 90 V. "B" packs	
K20598	(8)	2-prong "A"	6 V. "A" Batteries	
K20599	(9)	4-prong "A&B"	Comb. 6 V. "A" & 90 V. "B" packs	



## Little 6 "A" Battery

Type 4FA-1½ volt radio "A" battery. Has same capacity as the standard round cell but is 30% smaller and 40% lighter. Size: 2½x2½x4-5/16". Brass posts. Shpg. wt. 2 lbs.  
K19847—EACH..... **33¢**

## Flashlight Cells

K20621—No. 1 cell. 1½x1".  
K20622—No. 2 cell. 2½x1.5/16".  
EITHER ABOVE  
EACH..... **6½¢**  
K20623—Penlite cell. 2x3/64".  
YOUR COST  
EACH..... **5¢**

## 3 Volt A Battery

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 ½ amp. drain ¾ hrs. daily. 1-13/16 x3-15/16x6-1/16" Shpg. wt. 15 lbs.  
K19828—  
YOUR COST EACH..... **\$2.35**  
K20606—Resistor. EACH....25c

## PORTABLE "A" BATTERIES

Stock No.	Burgess No.	Your Cost	Volts	Size L x W x H	COMPARATIVE TYPES				Shpg. Wt., Lbs.
					Usa-Lite	Ever-ready	Bright Star	Ray-o-Vac	
K19854	2F	\$0.28	1½	2½ x1½ x 4½	...	...	...	...	1
K19850	4F	.42	1½	2½ x2½ x 4½	634	742	462	P84A	2
K20610	G3	.39	4½	4 x4½x 1½	683	746	361	P83A	2
K19842	F4PI	.42	6	2½ x2½ x 4	639	...	646	P894A	2
K20613	2F4L	.70	6	3½ x2½ x10½	646	747	868	P898L	4
K19843	G5	.52	7½	3½ x2½ x4½	687	687	561	P85A	3

## PORTABLE "B" BATTERIES

K20627	XX45	1.60	67½	1½ x2½ x3½	...	467	...	4367	1
K20614	B30	1.05	45	2½ x4½ x5½	624	762	30-03	P5303	3
K20616	Z30	1.12	45	3½ x4½ x4	620	738	30-33	P7R30	2
K20617	M30	1.05	45	5½ x3½ x1½	640	482	30-33	P5S30	4
K19859	W20PI	.88	30	1½ x1½ x4½	...	...	...	...	1

## COMBINATION PACKS FOR PORTABLES

K19871	6DA60	2.85	1½ & 90	5½ x2½ x6½	AB865	...	...	...	6
K19874	6FA60	2.59	1½ & 90	11½ x6½ x11½	AB867	...	...	AB84	5
K19875	4GA42	1.90	1½ & 63	9 x2 x4½	AB869	...	...	AB419	5
K20618	G4B50	2.14	6 & 75	4½ x12½ x2½	AB870	...	...	...	7

## COMBINATION PACK FOR FARM RADIOS

K20619	17GD60	4.36	1½ & 90	...	748	61-05	AB82	25
--------	--------	------	---------	-----	-----	-------	------	----

# BRIGHT STAR BATTERIES

Ever since the inception of radio, Bright Star Batteries have been identified with efficient radio reception on all types of battery operated radio receivers. It therefore naturally follows that with the introduction of the new portable and non-portable type receivers, Bright Star radio batteries should again be relied upon for a dependable source of power supply. Many hours of enjoyable reception and maximum dependability are assured through the use of the "bag type" construction.

This type of construction has long been identified with the name Bright Star as has high quality coupled with laboratory control of all processes of manufacture. You can rest assured that when you buy a Bright Star battery you get one of the finest batteries made. All of the portable type batteries, for example, employ a special inner casing to protect them against moisture and dampness which normally affect battery life when receivers are used outdoors. Construction is excellent.



## "A" BATTERIES FOR PORTABLE RECEIVERS

All have 2-prong sockets (plugs not supplied).

Stock No.	Type No.	Volts	Cells	Dimensions: L" x W" x H"	Pkg. Lbs.	Std. Pkg.	Single Each
K20631	461	1 1/2	4	3 1/2 x 2 1/4 x 2 7/8	10	6	50.48
K20632	462	1 1/2	4	2 1/2 x 2 1/4 x 4	19	12	.42
K20633	465	1 1/2	4*	3 1/2 x 1 3/4 x 5 5/8	10	6	.52
K20634	660	1 1/2	6	3 1/2 x 2 1/4 x 4 1/2	18	6	.63
K20635	860	1 1/2	8	3 1/2 x 2 1/4 x 5 5/8	18	6	.84
K20636	865	1 1/2	8*	10 3/4 x 3 1/2 x 1 1/2	18	6	.84
K20637	361	4 1/2	3*	8 1/2 x 1 1/4 x 4 1/2	16	12	.38
K20638	646	6	4	2 1/2 x 2 1/4 x 4 1/2	9	6	.51
K20639	661	6	4	3 1/2 x 2 1/4 x 2 1/2	10	6	.52
K20640	866	6	8	3 1/2 x 2 1/4 x 5 1/2	18	6	.84
K20641	868	6	8*	10 3/4 x 3 1/2 x 1 1/2	18	6	.84
K20642	561	7 1/2	5	3 1/2 x 2 1/4 x 4 1/2	12	6	.67

\* These batteries lie flat; all others are upright.

## "B" BATTERIES FOR PORTABLE RECEIVERS

A special inner container makes these batteries proof against dampness and moisture. Plugs are not included but are available separately as listed at left.

Stock No.	Type No.	Volts	Dimensions: L x W x H"	Pkg. Lbs.	Std. Pkg.	Single Each
K20643	30-08	45	4 1/2 x 2 1/4 x 5 5/8	35	12	\$1.05
K20644	30-38	45	3 1/2 x 1 3/4 x 5 1/2	22	12	1.05
K20645	30-50	45	4 1/2 x 3 1/4 x 2 1/2	12	6	1.40
K20646	30-55	45	3 1/2 x 2 1/4 x 4 1/2	12	6	1.40

## "B" BATTERIES FOR NON-PORTABLE RECEIVERS

Stock No.	Type No.	Volts	Dimensions: L x W x H"	Pkg. Lbs.	Std. Pkg.	Single Each
K20647	430	45*	9 1/2 x 4 1/2 x 8 1/2	54	3	\$4.00
K20648	30-61	45†	7 1/2 x 4 1/2 x 7 1/2	75	6	2.05
K20649	30-60	45†	7 1/2 x 4 x 7 1/2	65	6	1.81
K20650	30-95	45‡	7 1/2 x 2 1/4 x 7 1/2	45	6	1.42

\* Amplipower. † Super Heavy Duty. ‡ Heavy Duty. § Regular.



## STANDARD "C" BATTERIES

Type 15-03 is often used as a "B" battery in test equipment.

Stock No.	Type No.	Volts	Dimensions: L x W x H"	Pkg. Lbs.	Std. Pkg.	Single Each
K20651	71-17	4 1/2*	3 1/2 x 1 3/4 x 2 1/2	8	10	\$0.24
K20652	03-17S	4 1/2†	2 1/2 x 1 3/4 x 2 1/2	2	5	.28
K20653	08-17P	4 1/2‡	2 1/2 x 1 3/4 x 2 1/2	2	5	.28
K20654	51-08	7 1/2§	3 1/2 x 1 3/4 x 2 1/2	3	5	.44
K20655	15-03	22 1/2¶	4 1/2 x 2 1/4 x 2 1/2	14	10	.69

\* For 3-pr. plug. † Screw terminals. ‡ Flat battery. § Wire terminals. ¶ For 5-prong plug. PLUGS NOT SUPPLIED.

## BATTERY PACKS FOR NON-PORTABLE RECEIVERS

All supplied less plug.

Stock No.	Type No.	Volts	Dimensions L x W x H"	Pkg. Lbs.	Std. Pkg.	Single Each
K20656	61-05	1 1/2 & 90*	1 1/2 x 4 1/4 x 7"	2 1/4	1	\$4.16
K20657	60-05	90†	1 1/2 x 3 x 7 1/2"	4 1/2	3	2.97
K20658	90-06	B & C 9 & 135	9 1/2 x 6 1/2 x 13 1/2"	41	1	5.95
K20659	90-08	B & C 9 & 135	9 1/2 x 6 1/2 x 13 1/2"	41	1	5.95
K20674	16-61‡	1 1/2 A	4 1/2 x 6 1/2 x 7 1/2"	20	3	1.57
K20675	20-60‡	1 1/2 A	7 1/2 x 2 1/4 x 7 1/2"	43	6	1.57

\* 4-pr. socket. † 3-pr. socket. \* 7-pr. socket. ‡ 8-pr. socket. † 2-pr. socket.



## FLASHLIGHT BATTERIES

Stock No.	Type No.	Description	Dimen. Inches	V.	Pkg. Lbs.	Std. Pkg.	Single Each
K20660	10M	Reg. Unit Cell	1 1/2 x 2 1/2	1 1/2	11	48	\$0.66 1/2
K20661	11M	Baby Unit Cell	1 x 1 1/2	1 1/2	6	60	.06 1/2
K20662	91-17M	2-Cell Baby Tub.	1 x 3 1/2	3	5	24	.13
K20663	90-17M	2-Cell Large	1 1/2 x 4 1/2	3	24	48	.13
K20664	05-17M	3-Cell Large	1 1/2 x 7 1/2	4 1/2	33	48	.19 1/2
K20665	10MC	Industrial UC	1 1/2 x 2 1/2	1 1/2	11	48	.06 1/2
K20666	90-17MC	2-Cell Indust.	2 1/2 x 4 1/2	3	16	36	.13
K20667	05-17MC	3-Cell Indust.	1 1/2 x 7 1/2	4 1/2	24	36	.19 1/2
K20668	60-17	2-Cell Flat	2 1/2 x 1 1/2 x 5 1/2	3	1	10	.10
K20669	51-17	3-Cell Flat	2 1/2 x 2 x 5 1/2	4 1/2	2	10	.19 1/2
K20670	03-17	3-Cell Flat	2 1/2 x 2 1/2 x 5 1/2	4 1/2	3	10	.19 1/2

## PENLIGHT 1 & 2 CELL BATTERIES

Stock No.	Type No.	No. Cells	Volts	Description	Size D. & L.	Pkg. Lbs.	Std. Pkg.	Single Each
K20671	59	2	3	Regular	1/2 x 3 1/2"	3	36	\$ .06 1/2
K20672	59-1	1	1 1/2	Regular	1/2 x 1 1/2"	1 1/2	36	.03 1/2
K20673	250D	2	3	Extra Size	1/2 x 3 1/2"	2 1/2	24	.06 1/2

GENERAL PURPOSE AND RADIO "A" DRY CELLS  
 K20677-No. 6 Gen. Purp. . . . . 30¢ | K20676-No. 6A Radio . . . . . 35¢  
 YOUR COST EACH . . . . . 30¢ | YOUR COST EACH . . . . . 35¢

TYPE 460 UTILITY LANTERN BATTERY  
 6-Volt battery for railroad and industrial lanterns. 4-cells. Size: 2 1/2 x 2 1/2 x 4". Std. Pkg.-25. Pkg. Wt.-36 lbs.

YOUR COST EACH . . . . . 35¢  
 SEE PAGE 18 FOR REPLACEMENT BATTERY GUIDE

# BATTERY CHARGERS

## ATR Battery Chargers



**Model 600**

Automatically tapering, full-wave dry-disc type. Charging rate 6 to 3 amperes. For charging 6-volt batteries for cars, boats, radios, etc. Equipped with polarized dash receptacle and plug, fuses, 9-foot DC cord, 12-foot AC cord and complete instructions. Dimensions: 8x4x3 1/2" Shpg. wt. 8 lbs. **\$9.56**  
K1715—Your Cost..

**Model 400**

Standard model similar to the above. Charging rate 4 to 2 amperes for 6-volt batteries. Complete with polarized receptacle and plug, fuse, 6-foot DC cord, 6-foot AC cord and instructions. Dimensions: 5 1/2 x 3 1/2 x 3 1/2". Shpg. wt. 5 lbs. **\$6.82**  
K1716—Your Cost..

## Dry Cell Battery

No. 6 Dry Cell  
Standard 6" 1 1/2 volt dry cell for general use in radio receivers, etc. **\$3.30**  
K20182—Wt. 8 lbs. Each

## Flashlight Cells

Fresh stock. Long-life cells for standard flashlights, flash synchronizers, etc. Highest quality yet priced low. No. 1 is 1x1 1/2". No. 2 is 1 1/2 x 2 1/2".  
K19841—No. 1 Size  
K19840—No. 2 Size  
Either Type Each. **4 1/2c**

## MALLORY Battery Chargers

### 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 with clamp-on receptacle for dash mounting. Dimensions: 6x3 1/2 x 3 1/4" deep. Finished in black wrinkle. For 115 volts, 50/60 cycles a.c. operation. Shpg. wt. 5 lbs. **\$6.24**  
K15896—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.: 7 1/2 x 4 1/2 x 4 1/2". 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. 7 1/2 lbs. **\$9.02**  
K15898—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: 9 1/2 x 6 1/2 x 5 1/2". For 115 V. 50/60 cycles a.c. Shpg. wt. 11 lbs. For 6-volt batteries. **\$11.76**  
K15700—Your Cost..



### Model 125 12-volt Charger

Heavy duty charger for 12-volt batteries as used in aircraft, trucks, boats, buses, etc. Charging rate 5 to 3 amperes. Employs dry-disc rectifier, meter, circuit breaker, etc., exactly the same as Model 107 listed above. In fact all other specifications are the same as for Model 107. Shpg. wt. 11 lbs. **\$17.64**  
K17217—Model 125 Your Cost..



## 5-Amp. Tungal 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. 18 lbs. **\$12.25**  
K15699—Your Cost..



## 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 1/2". With mounting bracket for motor or fire-wall mounting, all hardware and complete easy to follow instructions. Shpg. wt. 1 lb. **\$1.73**  
K9401—Your Cost Each.. Lots of 6. Each. **\$1.56**

## BATTERY SPECIALS!

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. Plugs not supplied but available as listed below.



No.	Volts	Type	Dimensions	Wt.	Your Cost
K20179	45	Regular B	7 1/2 x 7 1/2 x 4 1/2"	8 lbs.	\$1.43
K20180	45	Heavy Duty B	7 1/2 x 7 1/2 x 3 1/2"	12 lbs.	1.97
K20181	4 1/2	Standard C	4 x 3 1/2 x 1 1/2"	1 lb.	.30
K20185	22 1/2	Standard C	4 1/2 x 3 1/2 x 2 1/2"	2 lbs.	.75

Standard Plugs to fit above or similar batteries. 5c Ea. 10 Ass't. 45c  
K20591-3 pr. for 45 V. K20592-3 pr. for 4 1/2 V. K20593-5 pr. for 22 1/2 V.

## 6V. "A"—90V. "B" Combination Battery Pack

Combination A-B battery for portable receivers. Size: 12x4 1/2 x 2 1/2". Shpg. wt. 7 lbs. **\$3.00**  
K20186—Your Cost..

# PORTABLE BATTERY REPLACEMENT GUIDE

(See Pages 16 and 17 for Burgess and Bright Star Batteries)

Make and Model No.	Burgess	Bright Star	Make and Model No.	Burgess	Bright Star	Make and Model No.	Burgess	Bright Star
<b>ADMIRAL</b>			<b>GAROD</b>			<b>PILOT</b>		
336-5N, 636-5N.....	2-B30, 1-G5	2-30-03, 1-561	BP5, BP5A, BP7.....	2-B30, 1-4F	2-30-03, 1-462	T1351, X1451, X1453..	2-M30, 1-2F4L	2-30-50, 1-661
33F5, 34F5, 36H5.....	1-6FA60		BP6, BP8.....	1-5DA60		X1450, T71.....	2-M30, 1-2F4L	2-30-33, 1-868
35G6, 37G6.....	1-6FA60		BP12, 12A, 12B.....	2-B30, 1-G5	2-30-03, 1-561	<b>PHILCO</b>		
27G4, 28G5.....	1-XX45, 2F2		BP20.....	1-XX45, 3F2		39-71, 72, 73.....	2-B30, 1-4F	2-30-03, 1-462
<b>AUTOMATIC</b>			<b>GENERAL ELECTRIC</b>			40-81, 82.....	1-4GA42	
P43, P45, P72.....	2-B30, 1-4F	2-30-03, 1-462	HB402, 403, HBX467..	2-Z30, 1-4F	2-30-50, 1-461	40-88.....	1-6FA60	
Personal.....	1-XX45, 2F2		JB513, 508, HB412..	2-M30, 1-2F4L	2-30-33, 1-868	<b>RCA</b>		
<b>CROSLLEY</b>			JB410, LB412.....	1-XX45, 2F2		94BP1, 4 & 61.....	2-B30, 1-4F	2-30-03, 1-462
439.....	1-4GA42		LB502.....	1-XX45, 2F2		62, 64, 66, 80, 81.....	2-B30, 1-4F	2-30-03, 1-462
45BV.....	1-XX45, 1F2		LB603.....	1-XX45, 3F2		BP55, 56, 85.....	2-M30, 1-2F4L	2-30-33, 1-868
<b>DEWOLA</b>			<b>LAFAYETTE</b>			BP-10.....	1-XX45, 1F2	
286, 288.....	2-B30, 1-8F	2-30-03, 1-860	BS72, CC55 & A.....	2-B30, 1-4F	2-30-33, 1-462	<b>SEARS-ROEBUCK (Silvertone)</b>		
295.....	2-B30, 1-4F	2-30-03, 1-462	B33A, D93.....	2-B30, 1-F4PI	2-30-03, 1-462	6256, 66, 73, 74.....	2-B30, 1-4F	2-30-03, 1-462
303.....	1-4GA42		BB73 & A, C121 & A..	2-M30, 2-G3	2-30-33, 2-361	6372, 6541, 7814.....	2-B30, 1-4F	2-30-03, 1-462
339, 3401, 3412.....	2-M30, 2-G3	2-30-33, 2-361	CC72.....	2-M30, 1-G5	2-30-33, 1-561	6641.....	1-XX45, 2F2	
<b>DEWALD</b>			CC58A & B, C116.....	2-M30, 2-G3	2-30-33, 2-361	<b>SENTINEL</b>		
415 Cub.....	1-5DA60		E191, EB164, S161..	1-XX45, 2F2		127BL, 151BL.....	2-B30, 1-4F	2-30-33, 1-860
545, 565.....	2-M30, 1-2F4L		JS114, 115.....	1-XX45, 3F2		180XL (late).....	2-B30, 1-F4PI	2-30-03, 1-866
410, 564.....	1-XX45, 2F2		<b>MONTGOMERY WARD (Airlite)</b>			201XL.....	2-B30, 1-F4PI	2-30-03, 1-866
<b>EMERSON</b>			6B7.....	2-B30, 2-G3	2-30-03, 2-361	217P, 219P.....	2-M30, 2-G3	2-30-33, 2-361
CE259.....	2-B30, 1-4F	2-30-03, 1-860	403, 460, 462.....	2-B30, 1-4F	2-30-03, 1-462	227P, 247P.....	1-XX45, 2F2	
DJ310, 311, 312.....	2-M30, 2-G3	2-30-33, 2-361	566, 569.....	2-B30, 1-F4PI		<b>WELLS GARDNER</b>		
EA338, 339, 357.....	2-M30, 2-G3	2-30-33, 2-361	663, 668, 672.....	2-B30, 2-G3	2-30-03, 2-361	6B7, 6B10, 6B18.....	2-B30, 2-G3	2-30-03, 2-361
385.....	2-M30, 2-G3	2-30-33, 2-361	<b>MOTOROLA</b>			6B3, 6B8.....	2-B30, 2-G3	2-30-03, 2-361
DF302, 306.....	2-B30, 2-G3	2-30-33, 2-361	57BP1, 57BP2, 57BP3..	2-M30, 2-G3	2-30-33, 2-361	<b>ZENITH</b>		
DU379, 380, 411.....	1-XX45, 2F2		57BP4, 58BP1, 65BP2..	2-M30, 2-G3	2-30-33, 2-361	4K400D, M, S, Y, L..	2-B30, 1-4F	2-30-03, 1-462
<b>FADA</b>			65BP3, 65BP4, 61L11..	2-M30, 2-G3	2-30-33, 2-361	5G600, 501, 504.....	1-G4B60	
P49, PD49, P58.....	2-B30, 1-4F	2-30-03, 1-462	41H.....	2-M30, 1-4F	2-30-33, 1-462	6G501, 505.....	1-G6B60	
P22, P28, PD28.....	2-M30, 1-2F4L	2-30-33, 1-868	3A5.....	1-XX45, 5F2		5G600R.....	1-G6B60	
B, C, L & M 3's.....	1-XX45, 3F2							

Perfect Merchandise - Prompt Shipment - Personal Service

# GAS-DRIVEN GENERATORS *and* converters

## KATO A.C. Gas Generator Model 19A



A compact, efficient gas-engine generator for home lighting use. Designed also for trailers, summer cottages, sound trucks, farms, stand-by, etc. This unit develops 350 watts of 110 volt 60 cycle a.c. and 200 watts of 6 volt d.c. for battery charging. Equipped with four cycle air-cooled  $\frac{1}{2}$  h.p. Johnson "Iron Horse" and positive mechanical governor. Engine develops 1800 r.p.m. Runs 12 hours on gallon of gas. Ignition shielded and generator is filtered. With push-button starter, battery cables, d.c. ammeter, charge control resistor and cutout. Shpg. wt. 140 lbs.

**K19812—Your Cost.....\$76.50**

## Model 23A, 500 Watts

Heavy duty model similar to above. Has Johnson "Iron Horse" 1 h.p. engine. Delivers 500 watts of 110 volt 60 cycle a.c., up to 22 amperes at 6 Volts d.c. Capacity of overhead gas tank is 3 quarts; oil capacity  $\frac{1}{2}$  pint. Runs about 9 hours on a gallon of gas. Complete with start/stop push button control, ammeter, cables, cutout, charge control resistor. Filtered and shielded.  $16\frac{1}{2} \times 17\frac{1}{2} \times 21$ ". Wt. 170 lbs.

**K19819—Each.....\$118.50**



**\$118.50**

## 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  $\frac{3}{4}$  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:  $19\frac{1}{2}$  long, 14" high, 14" wide.



**K19820—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. 125 lbs. Type BD6**

**Your Cost.....\$64.64**

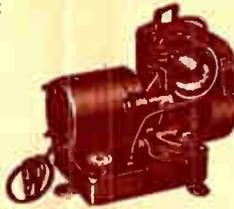
**K19821—Same as above, with remote control; ammeter and voltmeter in control box. Each.....\$86.57**

**K19822—300-watts, 110 volts, 60 cycles a.c.; 12 volts d.c. for charging 12 volt batteries. Shpg. wt. 125 lbs. Your Cost.....\$75.42**

**K19827—Filter with ignition shielding. Each.....\$4.95**

## CHAMPION Generating Units

For Charging Batteries, Lighting and for Power. Four cycle engines, air cooled, and with suction feed carburetor, magnetic ignition,  $\frac{1}{2}$  Horse Power Rating at 2200 r.p.m. Have automatic governors. Push-Button electric starting on all models. Fuel tank capacity  $\frac{1}{2}$  gallon, good for four hours operation. Come complete with ammeter to show rate of charge, generator cutout, leads and clips—ready to operate. Instructions furnished. Overall size:  $15\frac{1}{2}$ " long,  $11\frac{1}{2}$ " wide and  $13\frac{1}{4}$ " high. Shpg. wt., all models, 70 lbs.



**Model 5-6: For 6-Volt storage battery input. Output 175 watts. K17239—Your Cost Complete.....\$41.20**

**Model 5-12: 12 Volt d.c. input; output 175 watts. K17212—Your Cost Complete.....\$41.20**

**Model 5-32: 32 Volt d.c. input; output 200 watts. K17213—Your Cost Complete.....\$45.34**

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

## VESTA 2 and 6 Volt Storage Batteries

Long-life storage batteries for radio equipment and lighting systems. Have molded leak-proof containers and oversized cells. Bushings are molded in to prevent corrosion and acid seepage. With radio terminals, bail handle.



### 6-Volt Batteries

No.	Plates	Amps.	Hrs.	Lbs.	Each
K21099	13	92	105	35	\$6.55
K21098	15	106	120	42	7.35
K21097	17	124	145	50	8.15

### 2-Volt Battery

Single cell. For 2-volt farm receivers; no external resistor necessary. 300 hour operation at 0.5 amp. drain. 19 plates. Rechargeable. Shpg. wt. 22 lbs.

**K21096—Each.....\$5.45**

### 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.

**K12694—Each.....\$1.85**

### Hydrometer



Live red rubber bulb and nozzle; beaded float. Wt. 2 lbs.

**K15694—Your Cost.....26¢**

## EVEREADY 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.:  $5\frac{1}{2} \times 4\frac{1}{2} \times 8\frac{1}{4}$ ". Less plug. Shpg. wt.  $7\frac{1}{2}$  lbs.

**K20136—Each \$1.85 Less 2%, Net Each.....\$1.81**



**K20150—Plug only for above (A-1300) battery.....4¢**

**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.  $8\frac{1}{2} \times 6\frac{1}{2} \times 10\frac{1}{4}$ ". Shpg. wt. 24 lbs.

**K20126—Each \$4.86 Less 2%, Net Each.....\$4.76**

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

**K20127—Each \$5.51 Less 2%, Net Each.....\$5.40**

**Type A2300—Medium size. For sets using less than 660 ma. Size:  $8\frac{1}{2} \times 5\frac{1}{2} \times 8\frac{1}{4}$ ". Shpg. wt. 13 lbs.**

**K20135—Each \$3.11 Less 2%, Net Each.....\$3.05**

## LAFAYETTE Rotary Converters



**With Radio Filter** All have double wound armature with separate a.c. and d.c. windings; good regulation of output voltage; quiet operation. Other ratings and input and output voltages available. Write for details.

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

Stock No.	Output Watts	Input Amps.	Wt. Lbs.	Your Cost
K17229	110	1.8	38	\$33.57
K17207	200	3.0	38	41.07
K17211	300	4.2	48	52.07



**From 110-115V. D.C. To 110 Volts A.C.**

No.	Output Watts	Each
K19803	110 W.	\$29.69
K19804	150 W.	32.63
K19809	225 W.	38.07
K19805	300 W.	46.01
K19815	500 W.	60.56

## 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 32 V. D.C. To 110 Volts A.C.**

Stock No.	Output Watts	Your Cost
K19801	150 W.	\$32.63
K19802	300 W.	46.01
K19813	500 W.	60.56

## 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.); 1000 W. model has 2 h.p. engine (4-5 hrs. per gal.); 1500 W. model has 3 h.p. engine (3-4 hrs. per gal.).

No.	Watts	Wt. Lbs.	Each
K19894	600	190	\$157.96
K19895	1000	225	228.36
K17214	1500	475	277.20

**We Will Not Knowingly Be Undersold**

# All Purpose Power Packs

## STANCOR Auto Radio Test & Demonstrat'n Pack



**Model 132:** Compact power unit for auto radio sales demonstration and 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 3 to 6 volts of well filtered D.C. at 12.5 amperes continuously, or 5 volts at 16 amps. Instantaneous load. Ripple 6%. Fused primary. Has overload cut-off relay. Output voltage adjustable in 7 steps from 3 to 6 v. at 12.5 amps., and 2 to 5 v. at 16 amps. Built-in voltmeter. Full-wave dry rectifier. With 6-ft. cord and plug. Size: 13½x8¼x6" high. Shpg. wt. 26 lbs. **\$30.38**  
K15613—Each

## STANCOR Heavy Duty Tapped D.C. Power Pack



For battery charging, tank plating, field excitation, welding, etc. Output voltage adjustable in six steps from 1 to 10 volts, depending on load. Max. continuous load 12 amps.; instantaneous—20 amps. at 8 v. Drain 375 watts. Operates on 115 volts, 50/60 cycles A.C. Size: 9" wide, 6" deep, 7" high. Shpg. wt. 18 lbs. **Model U-123**  
K15614—**\$24.70**  
Your Cost

## STANCOR Model 133 Master Deluxe Pack

Similar to model 132 listed at the left, but for heavier duty work. **D.C. Output** 3 to 6 volts at 16 amperes continuously, maximum instantaneous 2.7 to 6.4 volts at 22 amperes. Ripple less than 5%. Drain 420 V.A. at 115 volts, 50/60 cycles A.C. Features include: built-in voltmeter and overload relay; adjustable output voltages: delivers 8 volts D.C. at 9 amperes for testing vibrators; electrostatically shielded. Deluxe streamlined case measures 7" high, 18½" wide and 11" deep. Shpg. wt. 50 lbs. **\$67.62**  
K15615—Your Cost Complete



## STANCOR "A & B" Eliminators

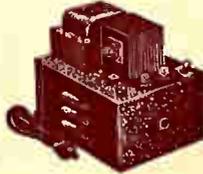
### AC-DC Model 137

Makes any 5 or 6 tube battery radio using 1.4 V. tubes into an A.C.-D.C. radio that will operate from any 110 V. 50/60 cycle A.C. or D.C. power line. Eliminates "A&B" batteries. Fits battery compartment. Output: 90 Volts at 18 ma. and 1.4 Volts at 275 ma. Size: 6x4½x1¼". Shpg. wt. 2 lbs. **\$7.50**  
K15607—Each



## STANCOR D.C. Power Packs

**Model 131 (Illustrated):** Economy pack that will deliver plenty of power for most requirements. D.C. 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 A.C. at 175 watts. Jewelled pilot light. Fused primary. Ideal for demonstrating and testing auto radios. 8x6½x7¼" high. Wt. 17 lbs. **K15600—\$20.00**  
Your Cost



**Model 125:** Similar to the above, but lighter duty. Supplies 2 amps. at 6 volts D.C. Ideal for converting 6-volt farm receivers to 110 volts A.C. operation. Size: 10x6x5" high. Shpg. wt. 9 lbs. **\$22.93**  
K15601—Your Cost

**Model 125T:** Same as the above, but also supplies 6 and 12 volts A.C. (in addition to 6 v. D.C.) to operate door openers, buzzers, etc. Especially designed for use with inside telephone systems. Less than 1% ripple. Shpg. wt. 9 lbs. **\$22.93**  
K15602—Your Cost

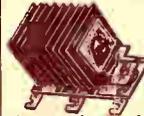
## Radio and Auto Fuses

**Type 3AG:** 1¼x½". Tins of 5. May be assorted for quantity price. **K13189—Specify**

1	17c	\$3.05
2	12c	\$2.15
3	10c	\$18.00
5	7½c	\$1.35
10	12c	\$2.15
15		
20		
25		
30		

## MALLORY Rectifier

**Type F16C3M** Copper sulphide type, replaces old type numbers 16C3, X116, X16, ME116; also can be used to replace types 16C8B, XB16 and M16 by using base from old rectifier. For replacement in Mallory chargers and boosters and in many other makes as well. Shpg. wt. 2 lbs. **K437—\$4.02**  
Each



## ATR DC to AC Inverters



Models For 6, 12, 24, 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-constant plug-in vibrators. All models listed below have 110 V. A.C. output. Both Intermittent and Continuous output wattages are indicated. Size of Standard model 7½x8¼x4½"—Heavy Duty 7½x9½x8¼". Shpg. wt. Standard models 18 lbs.

Stock No.	D.C. Input	Volts	Watts	Your Cost
K17242	6	85	75	\$17.02
K17243	12	125	100	17.02
K17244	32	150	100	17.61
K17245	110	250	150	17.61
K17246*	110	325	225	23.23
K17247	220	250	150	17.61

\*Heavy duty model. Shpg. wt. 28 lbs.

**NOTE:** We can supply any Stancor, Mallory, A.T.R. or Electronic products not shown on this page, at regular discounts from list prices. Your orders will receive prompt and efficient handling.

## 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	Type	Each
K6090	VP-551	6.3	125-150-175-200	100 ma. Self-Rect.	\$10.13
K6094	VP-552	6.3	225-250-275-300	100 ma. Self-Rect.	12.35
K6091	VP-553	6.3	125-150-175-200	100 ma. Tube Rect.	10.77
K6095	VP-554	6.3	225-250-275-300	100 ma. Tube Rect.	12.97
K6096	VP-555*	6.3	300	200 ma. Tube Rect.	25.32
K6097	VP-557*	6.3	400	150 ma. Tube Rect.	25.32
K6092	VP-G556	12.6	225-250-275-300	100 ma. Self-Rect.	12.97
K6098	VP-F558	32.0	225-250-275-300	100 ma. Tube Rect.	13.61

\* Special Dual Packs for high output. Output voltage not adjustable.  
**Type VP-223 Filter**—For all single unit packs where utmost hum suppression and voltage regulation is required. **\$4.70**  
**K6060—Your Cost**

Replacement Vibrators for Vibrapacks						
No. Vibrapacks	Type	Each	No. Vibrapacks	Type	Each	
K6062	VP-551, 552, 540	725	\$3.88	K6064	VP-G556 G-725	\$4.59
K6063	VP-553, 554, 555†, 557†	825	\$1.18	K6065	VP-F558 F-826	\$4.50

†—Two vibrators required.

## MALLORY VP-540 Filtered Vibrapack

A complete "B" power unit that operates from any 6 volt storage battery and delivers 250 volts at 60 ma., closely matching the power requirements of most auto, marine and aircraft receivers. The self rectifying unit is fully filtered—no additional filtering required for the average installation. Comes complete with overall dust cover and special mounting bracket for easy installation in mobile equipment. Size: 7½x8¼x5¼" high. Shpg. wt. 9 lbs. **K6059—Your Cost Complete...\$14.24**



## ATR—Portable "B" Eliminator

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. Consumes approximately 0.2 amps. from the dry cells. Vibrator unit—5¼x2½x1¼"; Flashlight cell container—5¼x4¼x1¼". Shpg. wt. 4 lbs. **Less battery container and cells. \$8.57**  
**K15625—Your Cost**  
 Container only for 5 No. 2 cells. Shpg. wt. 2 lbs. **\$2.70**  
**K15616—Each**



## ELECTRONIC Power Supply

For 6 V. D.C. or 115 V. A.C. Operation



**Model S-1040:** Vibrator type power supply operates from any 6 volt storage battery or from 115 volts 50/60 cycles A.C. Output 300 volts D.C. at 100 ma. Filament supply 6 volts A.C. at 4 amps.—switch for change-over. Separate A.C. input connection for 115 v. operation. Overall size 5¼x5¼x7½". Shpg. wt. 12 lbs. **\$18.50**  
**K15617—Each**

# WORNER Photo-Electric Equipment

## Economy Photo-Cell and Light Source Units



Sensitive, practical units which may be used for burglar alarms, controlling lights and bells, announcing purposes and numerous other applications. An increase or decrease of light intensity controls the unit. Relay is rated at 1 amp. 110V. AC non-inductive load. By placing the photo-cell underneath the chassis it is protected from stray light. Size 5x4x2". The Light Source throws a concentrated beam 25 ft. employing a special 25W. bulb. It is housed in an attractive metal cabinet fitted with a fixed focus lens. Size: 4 1/2 x 4 1/2 x 2 1/2". Shpg. wt. 2 lbs. per unit. For 110V. AC or DC operation.  
**K15662—Relay Unit**  
**Your Cost..... \$7.25**  
**K15663—Light Source**  
**Your Cost..... \$3.95**

### UNWIRED KITS

Easy to assemble. Exactly as above but unassembled.  
**K15667—Relay Unit**  
**Your Cost..... \$6.25**  
**K15668—Light Source**  
**Your Cost..... \$2.95**

## Burglar Alarm Gong

For use with Worner or any burglar alarm system. Comprises a 5 inch, battery operated, electric gong in a weather-proof, crackle finish, metal housing. It is sold without batteries. Dimensions are 10x10x14". Has a loud clear tone. Shpg. wt. 6 lbs.  
**K15676—**  
**Your Cost..... \$8.79**



## WORNER "Industrial" Units

Designed specifically to withstand conditions encountered in industrial applications. These sturdy units are available in two types—one of standard sensitivity for simple applications and the other a super-sensitive unit adaptable to the most complicated installations where precision and flexibility of control are necessary. The light source for both units is designed to throw a long concentrated beam of light. It is equipped with a slide for insertion of a light filter (not supplied) to produce invisible (infra-red) light. A long-life light bulb with low wattage consumption is included. Mounting brackets for "aiming" the light are adjustable. The Receiver (illustrated at the right) contains a sensitive photo-cell, a special amplifier and a relay (S.P.D.T. in Standard, D.P.D.T. in DeLuxe). Dimensions light source 6x7x4 1/4"; Receiver: 7x6 1/4 x 4 1/4". Relay contacts will handle 3 amps. (non-inductive), 1 amp. (inductive) at 110V. AC. Shpg. wt. Light Source —4 1/2 lbs., Receiver—5 1/2 lbs.



**STANDARD MODEL**  
**K15665—Receiver for 115V. 60 cycles AC.**  
**Model 201 RAC**  
**Your Cost..... \$19.93**  
**K15666—Light Source for 115V. 60 cycles AC. Lamp life 2000 hours. Mod. 201LAC**  
**Your Cost..... \$7.79**

**DELUXE MODEL**  
**K15660—Receiver for 115V. 60 cycles AC.**  
**Model 801RAC**  
**Your Cost..... \$40.57**  
**K15661—Light Source for 115V. 60 cycles AC. Lamp life 3000 hours. Mod. 801LAC**  
**Your Cost..... \$8.23**

## WORNER "Burglar Alarm" System

Same appearance as the above units but designed specifically for protecting homes, offices, stores, etc. Takes the place of a night light in guarding safes, doorways, etc. A necessity in case of "blackouts". The Light Source projects a concentrated beam of INVISIBLE LIGHT into the condensing lens of the Receiver. Interruption of the invisible beam or disconnecting the 115V wiring to the unit operates the relay which may be connected to any audible or visible alarm signal. After relay has been tripped alarm continues and can only be silenced by possessor of key to the pick-proof lock switch which is on the Receiver. Standard and DeLuxe models are the same in appearance but the DeLuxe model is more sensitive. When installed so that 90% of the light reaching the receiver is that projected by the light source K15675 has a range of 50 feet and K15659 a range of 100 feet. Dimensions and other specifications as above.  
**K15675—Model 801AC Burglar Alarm System for 110V. 60 cycles AC. Shpg. wt. 10 lbs.**  
**Your Cost..... \$31.46**  
**K15659—Model 501AC DeLuxe Burglar System for 110V. 60 cycles AC. Shpg. wt. 10 lbs.**  
**Your Cost..... \$50.27**

## WORNER "Announcer"

Just the thing for the merchant who keeps his store door open during the summer. This simple, easily installed, system gives a pleasant warning signal each time a customer enters through the doorway. Also used in offices to warn of the approach of unauthorized persons. Incorporates both light source and photocell in a single unit. Separate mirror reflects light from opposite side of doorway. Mirror can be placed up to 15 ft. from unit. Chime can be placed anywhere. Current for operating chime supplied by unit. Size of unit: 7x6x2 1/2". Sea Green finish. For 110V., 60 cycles A.C. Shpg. wt. 6 lbs.  
**K15664—Complete..... \$13.20**



## Focusing Mirror



Makes it possible to reflect light criss-cross from one wall to another. Works with invisible and visible light. No loss of distance by glass absorption. Fully adjustable brackets. Size: 18x4x2 1/2". Shpg. wt. 4 lbs.  
**K15677—Your Cost..... \$3.38**

## Photoelectric Control Book



Explains operating principles, applications, etc., of photocells. Tells how to furnish information for ordering equipment. 40 pages. Many illustrations.

**K15657—Your Cost..... \$2.95**

## EBY Photocell Kit



Includes all necessary parts to make up various control circuits. Employs EBY Cell, super-sensitive relay, tube, etc. EBY Electric Eye Handbook included. For 115V. 60 cycle operation. Chassis drilled and punched. Shpg. wt. 3 lbs.  
**K14185—EK-12A**  
**Your Cost..... \$10.29**

## EBY Photo-Cell

As used in above units. Fits 4-prong socket. Requires 160-250 volts. 1 1/2" dia. x 3/4" h. E-12  
**K14170—Your Cost..... \$2.65**

## EBY Sensitive Relays



For all work requiring a highly sensitive relay. Contacts handle 110 v. AC at 2.5 amp. or 110 v. DC at 1.5 amp.  
**K14171—1000 ohm coil..... \$5.00**  
**K14177—2500 ohm coil..... \$2.14**  
**K14178—5000 ohm coil..... \$2.29**  
**K14179—10,000 ohm coil..... \$5.59**

## Electric Eye Handbook



New #41 edition covering theory and practice. Covers industrial and amateur applications.  
**K20016—**  
**Each..... \$4.45**

## Photo-Electric ELECTRONIC CONTROL



*Operates from a Light Beam*

- ★ For use in alarm systems.
- ★ Excellent for industrial use.

An exceptionally well made unit ideally suited for use in all types of alarm systems such as anti-sabotage, blackout, burglary protection, etc. Unusually sensitive it will work with a minimum of 2 foot-candles of illumination. Has automatic compensation for slow variations of light intensity. Provides momentary relay contact with automatic reset (manual or electrical reset relay may be used in addition to provide continuous contact until released). Complete instructions furnished. Sold complete with 925, 6SF5, 6SQ7 and 5L6 tubes. Size: 12x4 1/4 x 6 1/2" high.

**K17194—RCA #41904 Electronic Control with tubes.**  
**Shpg. wt. 6 1/2 lbs. Your Cost..... \$7.95**  
**K15733—Metal Cased Light Source for above complete with lens and bulb. Size: 8 1/2 x 1 1/4" square. Shpg. wt. 2 lbs. Each..... \$4.90**

## RCA Capacity-Operated ELECTRONIC CONTROL

Employs no light source yet operates instantly at the approach of any human or animal. Ideal for protecting safes, children's cribs, counting livestock, etc. Industrial plants will find it ideal for protecting machinery from tampering when the plant is closed at night. Protects an area within several feet from the control in all directions at once. Operates from any 110V. 60 cycle AC power line outlet. Sold complete with 6SQ7, 6F8G, VR-150-80 and 6X5 tubes. Size and relay specifications as above.

**K17193—RCA #41903 Capacity-operated Control.**  
**Shpg. wt. 6 1/2 lbs. Your Cost..... \$6.95**  
**K14142—Electrically reset locking type relay (D.P.D.T.) for use with either model RCA Electronic Control. Wt. 2 lbs. Each..... \$3.10**

Write for Free Descriptive Bulletins on the Above Controls.

## NOTE

We can supply Worner Industrial photo electric equipment that will observe, announce, record or control many different applications such as burglar alarms, smoke alarms, graders, control feeders for assembly lines, safeguard machine operators, etc. We can supply on order units for Anti-Sabotage, Plant Protection and Blackout Control. Write for engineering bulletins on any of the above equipment you need. Quotations on special equipment will be made promptly (give as much detail and specify purpose of equipment when ordering).

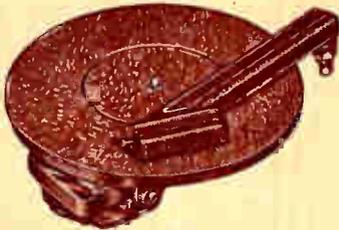
## WESTON Photronic Cell



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., etc. Has found numerous uses in industrial work, machine application and light measurement. Shpg. wt. 1 lb.  
**K14139—Type 594GB**  
**Your Cost Each..... \$7.50**

# PHONOGRAPH EQUIPMENT

## Build-Your-Own Record Player Kit



**Complete Outfit Motor, Turntable Crystal Pickup** **\$5.99**

It's fun to build your own all-electric record player with this essential parts kit—and you'll save money doing it! Can be mounted in a console cabinet with your present radio. It's so simple to put together that anyone can do it in jig-time! Kit consists of: (1) Constant speed (78 rpm) rim-drive motor with 9-inch flocked turntable, for 110 volts, 60 cycles a.c. only, self-starting type; (2) Offset head latest type crystal pick-up with excellent response characteristics. Arm is 9" long; unit plays all 10" and 12" records. Shpg. wt. 5 lbs. **K690—Your Cost.....\$5.99**

## Record Player "Mystery" Oscillator



Converts your record player into a "mystery" player—to play through your radio. Uses 6A7 and 76 tubes. Tunes 1590 to 1600 kc. Metal chassis 5 1/2 x 8 x 1 1/2". Shpg. wt. 3 lbs. **K10587—Less Tubes. Your Cost.....\$2.40**

## Webster "AJ-1" Light-Weight Crystal Pickup



Precisely balanced pickup with semi-permanent precious-alloy needle. Practically no record wear or needle changing. Streamlined bakelite arm. 40 grams pressure. .5 V. output. Wt. 1 lb. **K427—Model AJ-1 Each.....\$3.82**

## RCA Rubber Pickup Dampers

No. 2620—For magnetic phono pickups. Fresh live rubber. **K253—Per Set.....7¢**

## Needle Cups

Antique bronze finish. 1 1/4" diameter. **K130—Open Each.....5¢**  
**K131—Closed Each.....8¢**

## Record Changer Cabinet



Designed to accommodate automatic record changers or single record player units. Sturdily constructed with solid walnut and hand-rubbed finish. Top lid has strong hinge. Overall size: 16 1/2" wide, 16 1/2" deep and 11 1/2" high (with lid closed). Motor board area 15 1/2 x 15 1/2", with 6" space above panel and 4 1/2" below panel. Will house any of the automatic record changers listed on page 26 (except K22387, K22388). Shpg. wt. 18 lbs. **K22359—Cabinet only, with blank motor panel. Your Cost.....\$10.25**

## Record Player Switch

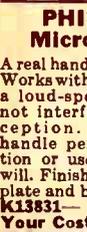


A complete unit consisting of a panel-mounted switch and jack complete with cables, suppression condensers and resistor. Easy to install. Wt. 1 1/2 lbs. **K22006—Your Cost.....68¢**



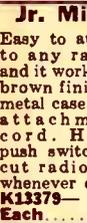
## ICA Hand Mike

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—Your Cost.....\$1.72**



## 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.....59¢**



## 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.....81¢**



## Phono Motor Lubricant and Grease

For all phono motors, record changers, automatic tuners, etc.

Lubricant	No.	Oz.	Each	Grease	No.	Oz.	Each
	K15194	2	21¢		K15200	2	21¢
	K15195	6	44¢		K15201	4	29¢

## Permanic Mike



Uniquely different, yet carefully made moving iron armature microphone. Ideal for amateurs, for P.A., sound work, 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 1/4" H., 4 3/4" W., base 3 1/2" in dia. Grille cloth over front. High impedance. With 5 ft. cord and pin tips. Wt. 3 lbs. **K19289—Each.....\$2.23**

## Philmore DYNA-MIKE



A new type of mike employing a unit similar to a PM dynamic speaker. Combines high sensitivity with freedom from acoustic feedback due to its unidirectional characteristics. It is an excellent mike for use with most types of home recorders, wireless record players, PA amplifiers, etc. Equipped with 9-ft. cord fitted with pin tips. Full instructions. Shpg. wt. 3 lbs. **K13437—Your Cost.....\$3.10**

## Lafayette Cactus Needle Sharpener



A new and improved type of needle sharpener that makes a smooth accurately shaped point on cactus or thorn needles. Has record brush. Wt. 1 lb. **K274—Your Cost.....95¢**

## MARVEL Twin Phones



Efficient, inexpensive twin telephone set for home, office, factory, store, etc. Each phone equipped with a signalling device. Phone housings of heavy gauge metal. Requires two dry cells at each phone for distances up to 750 ft.; four at each phone for up to 2000 ft. With 35 ft. of wire. Shpg. wt. 4 lbs. Less cells. **\$3.33**  
**K14024—Your Cost.....\$3.33**  
**K20895—Extension Wire**  
100 Ft.....\$ 2.25  
500 Ft.....10.50  
1000 Ft.....19.95  
**K20182—No. 6 Dry Cells. Ea. 33¢**

## Cactus Needle Sharpener



A clever device that utilizes your own phono turntable to provide the most positive power. Provides a sharp, smooth point that is accurately made. Will point and polish any cactus needle. Shpg. wt. 2 lbs. **K260—Your Cost.....89¢**

## Peter Grey Needle Pointer



Famous "Kacti" needle pointer for sharpening cactus needles. Well made and easy to use. Fitted with record brush. Beautifully packed—an excellent gift. Wt. 2 lbs. **K293—Your Cost.....\$1.25**  
**K271—Garnet disc. Each.....10¢**  
10 For.....85¢

## Stroboscopic Speed Checker

Placed on turntable and illuminated with a bulb (AC) indicates correct speed at 78 or 33 1/2 r.p.m. **K197—Each.....12¢**



## 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** **35¢**  
**Your Cost Each.....35¢**

## Phono-Mike Adapters With Switch



For connecting record players or mikes (hi-imp.) to radio sets that do not have phono-mike terminals. Includes a shielded switch for changing from phono to switch. Instructions included. **K11607—For sets with 5-prong detector (27, 56, etc.) or 1st a.f.**  
**K11608—For 6-prong tubes (42, 48, 48, etc.).**  
**K11609—For metal tubes (6B8, 6C5, 6F6, etc.) used as first audio.**  
**K11610—For screen grid detectors (24A, 35, 57, 6C6, 6D6, etc.).** Not plug-in. Cap fits on tube.  
**K11617—Grid-cap adapter for metal or "GT" tubes (6J7, 6R7, 6K7, etc.).**  
**K11618—Adapter for 6SQ7, 12SR7, 6SR7, 12SR7, etc.**  
**K11619—Octal base adapter for 6SF5, 12SF5, 6SC7, 12SC7.**  
**Your Cost Each, Any Above Type.....79¢**

## Greythorne Thorn Needle Sharpener



A deluxe sharpener for all thorn needles. Properly "angled" to provide the right type of point for best tone quality and maximum life. Attractively finished in nickel and bright red plastic. Comes complete with an efficient push record brush. **K270—Wt. 2 lbs. Your Cost.....\$1.30**  
**K259—Replacement discs. Each.....12¢** 10 For.....\$1.08

# PHONOGRAPH EQUIPMENT

## DeLuxe Record Rack



Beautifully finished heavy base. Covered-wire record support frame. Holds 50 records. Comes complete with numbered stickers for records and an index card. Shpg. wt. 5 lbs.  
**K21896—**  
**Each..... \$1.95**

### Metal Base Model

Similar to the above but with a base made of pressed steel. Practically unbreakable. Shpg. wt. 3 lbs.  
**K21897—Each..... \$1.45**



### Economy Record Rack

A low priced rack that is unusually sturdy and very efficient. Provides space for 50 10" or 12" records. Fabric covered heavy wire separators with distinctive color on each fifth one. Separate imprinted card index. Shpg. wt. 3 lbs.  
**K21898—Your Cost..... 99¢**

## Record Groove Analyzer



A simple, easy-to-use instrument incorporating a powerful, corrected magnifying lens and illuminating system which reveals record grooves with amazing brilliance and clarity. Adjustable focus—set it once and leave it that way. Shows depth of cut and amplitude. Saves its low cost many times in saved record blanks, etc. Shpg. wt. 2 lbs.  
**K445—Complete with bulb and battery.**  
**Your Cost..... \$2.25**

## Phono Pickup Connecting Cable



Belden No. 8431 shielded cable with overall cotton braid. Especially designed for use with phono pickups. .160" diam. Cap. 55 mmfd.  
**K20848—100 ft. for \$2.00**  
**Your Cost per Foot..... 5¢**

## NEEDLE SETSCREWS FOR PHONO PICKUPS & RECORDER HEADS

Needle set screws (thumbcrew and slotted head) for all popular phono pickups and recording heads. Specially made and thoroughly hardened. Kit of ten assorted types is especially handy for all service shops since it includes all popular types.

- K13981**—Servicemen's Kit of 10 assorted. **Special..... 79¢**
- K13982**—for Shure Bros. #30-132.
- K13983**—for Astatic #3258, D-9, O-7, SL8; RCA #37045; Webster Electric #P9564-1, 79, 80, 81, 82 series; Astatic #X26, X29A, M41 and C-42 cutting heads.
- K13984**—for Astatic #3207, 3205, B10, S16, AB8M, S8, S12; Stromberg Carlson SD-64, SD149; Universal #3207; Webster 26A2108 pickups.
- K13985**—for Rek-O-Kut Recorder cutters MG625, 8S; and Webster Co. 26A2142 pickup.
- K13986**—for RCA 34482.
- K13987**—for RCA #33974, 3811, 33529, 81160, 12589; Stromberg-Carlson SD119 and 17464.
- K13988**—for Webster Electric P4819-2, 40, 76, 78 series.
- K13989**—for Shure Bros. No. 30-76.
- K13990**—for Astatic #8530 (slotted head), FL-48 changers.

Any Type Each  
**9¢**

## Lafayette

### Record Carrying Cases

These cases provide the best protection you can give your records. Strong plywood case covered with attractive, durable, black fabrikoid.



Sturdy, comfortable carrying handle. Strong hardware. Complete with lock and key. Neatly lined with heavy felt. Shpg. wt. 4 lbs. each.

**K22345**—Holds 50 ten-inch records.  
**Your Cost..... \$2.50**  
**K22346**—Holds 50 twelve-inch records.  
**Your Cost..... \$2.85**

## Lafayette

### Record Lubricants



**RENEWER:** For acetate records. Cleans, lubricates and protects. Thin film of lubricant reduces friction. Hardens and preserves acetate records.  
**K399**—2-ounce bottle..... **35¢**

**RENEWER:** Same as above but for commercial records such as RCA Victor, Columbia, Decca, etc.  
**K394**—2-oz. bottle..... **35¢**  
**Your Cost..... 19¢**  
**K395**—½-oz. trial size..... **19¢**

**RECORD-EASE:** Applied to recording blank before cutting it makes the shavings fluffy and reduces cutting friction.  
**K424**—2-oz. bottle..... **35¢**  
**Your Cost..... 19¢**

### Phono Tip Plug

Single prong shielded plug used extensively for mike or phono pickup and similar connections.  
**K11773**—Each..... **5¢**  
**10 For..... 47¢**



### Phono Tip Jack

For use with above. Bakelite and metal base. Easily mounted.  
**K11774**—Each **8¢**  
**10 For..... 72¢**



### NOTE:

Don't miss our Special Record Offer on page 24! See page 52 for text books on Home Recording!

## 10" & 12" Record Albums

**SYMPHONIC Record Album.** A beautiful album for use with the new "bleached" and "wheat" finished cabinets. Covered with first quality fabrokoid resembling fine saddle leather in color. Padded covers and fine gold leaf tooling on the back make this a truly luxurious album. Patented construction allows it to lie absolutely flat when opened. Shpg. wt. 8 lbs. each.

Stock No.	Record Size	No. Pockets	Each
K20200	10"	12	\$1.89
K20201	12"	12	2.25

**Flat Back Album.** A loose-leaf album with stiff leatherette-covered covers. Opens flat due to a unique type of construction. Offered at unusually low prices these albums are exceptionally fine values. Shpg. wt. 2 lbs. each.

Stock No.	Size	Pockets	Each
K21890	10"	12	59¢
K21891	12"	12	69¢

**DeLuxe "Curved Back" Album.** A fine looseleaf album beautifully bound in rich dark Fabrikoid. Gold embossed decorations add to its attractiveness. It opens flat to permit easy insertion and removal of records. Sturdy construction assures maximum protection for your records. Wt. 2 lbs.

Stock No.	Size	Pockets	Each
K21892	10"	12	99¢
K21893	12"	12	\$1.15

**Superior Quality Loose-Leaf Albums.** Flat opening type with three rings for holding loose-leaf type pockets. All-steel back. Overall covering of heavy Fabrikoid. Gold embossed Gothic design on back. Beautiful in appearance and unusually sturdy in construction it is a truly superior album in every way. Both 10" and 12" sizes have 15 pockets. Shpg. wt. 3 lbs. each.

Stock No.	Size	Pockets	Each
K21888	10"	15	\$1.29
K21889	12"	15	1.39

**Economy Record Albums.** Never before have you been offered a quality record album with pockets for TWELVE records at this astoundingly low price. Well made, finished in brown. Index on inside front cover. You save still more by buying in lots of six at a time. Our stock is limited so order now! Shpg. wt. 2 lbs. each.

Stock No.	Size	Pockets	Each	Six For
K21886	10"	12	48¢	\$2.58
K21887	12"	12	60¢	3.24

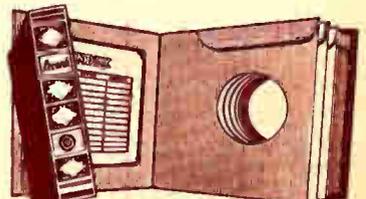
**LIMITED QUANTITY—ORDER NOW!**

**"VUE-DEX" Record Albums.** The album with the visible index! Something really new and highly practical! A handy index made of washable LUMARITH on the back of the binding keeps all titles in full view. Titles are easily changed by merely erasing or washing off the old one! Two very attractive types of covering are available. A rich reddish-brown simulated\* alligator is ideal for mahogany and other dark colored cabinets. A simulated\* natural pigskin is just the thing for bleached and light colored cabinets. Wt. 2 lbs.

*Alligator	*Pigskin	Size	Pockets	Each
K20202	K20205	10"	12	\$1.29
K20203	K20206	12"	12	1.49

**New!**

## "Protect-O-Flap" Record Albums



If you have had the harrowing experience of having one of your favorite and most valuable records slipping out of the album accidentally, then you'll really appreciate this new type of album. A protective flap on each individual envelope prevents just such accidents as this and in addition helps to keep dust and dirt off your records. Each pocket is made of extra-heavy extra-durable paper that will outlast many of the usual pockets found in other albums. The mahogany color cover is beautifully embossed.

Stock No.	Size	Pockets	Shpg. wt.	Each
K20207	10"	12	2 lbs.	\$1.10
K20208	12"	12	2 lbs.	1.29

**We Will Not Knowingly Be UnderSold**

# HOME ELECTRIC RECORD-PLAYERS

With Built-In Amplifier and Speaker

- Fine Crystal Pick-up
- Self-Starting Motor
- Special "Lifetime" Needle
- Tone Control

Self-contained electric phono record players requiring no connections other than to 110 volt 60 cycle a.c. line. Incorporate a fine 3-tube amplifier employing a Beam power tube that feeds into an efficient 6" dynamic speaker. Includes Tone Control, volume control and switch and a jeweled pilot light indicator. Separate motor switch on panel. Has self-starting motor and featherweight CRYSTAL pickup provided with a Special "Lifetime" Needle. Plays 10" and 12" records with top closed.

**TABLE MODEL: (top).** In beautiful Walnut table cabinet 14 1/2" wide, 10 1/2" deep and 8" high. Shpg. wt. 25 lbs.  
**K22353-YOUR COST COMPLETE.....\$24.50**

**PORTABLE MODEL: (bottom).** In simulated alligator leather covered carrying case with sturdy carrying handle. Nicked snap locks. 8" high, 14 1/4" wide, 17 3/4" deep. Shpg. wt. 15 lbs.  
**K22352-YOUR COST COMPLETE.....\$21.75**



For Connection To Any Radio Receiver

- With Tangent-Arm CRYSTAL Pick-Up
- Has Efficient "Lifetime" Needle

These excellent record players are designed to operate through your present radio receiver—and there are only two simple connections to make to place them in operation. Each unit incorporates a powerful rim-driven self-starting motor (78 r.p.m.) and has a 9" flocked turntable. The latest type tangent arm CRYSTAL pickup is employed for fine response. An automatic stop switch shuts off the motor after the record has been played. Special "Lifetime" needle eliminates the need for constant needle changing. Has combined volume control and "on-off" switch and separate motor switch. A jeweled pilot light indicator shows when motor is on. Pickup cable is shielded. Both types accommodate 10" or 12" records. Operate on 110 volts, 60 cycles a.c. only.

**DELUXE MODEL: (top).** In streamlined grained walnut cabinet with top cover. With instructions. Plays 12" records with lid closed. Overall size: 6 1/4" high, 15" wide, 14 3/4" deep. Shpg. wt. 12 lbs.

**K22351-YOUR COST.....\$17.95**

**STANDARD MODEL: (bottom).** Like the above, but walnut case has no top lid. Size: 6 1/4" high, 12 3/4" wide, 11" deep. Shpg. wt. 9 lbs.

**K22350-YOUR COST.....\$12.95**



## "Mystery" Wireless Record Player

(Top). Plays through your present radio WITHOUT ANY CONNECTIONS. Just plug into any 110 volt 60 cycle a.c. line, and any 10" or 12" records can be played through your receiver. Has 78 r.p.m. constant speed rim-driven motor with 9" flocked turntable. Automatic stop switch. Lightweight CRYSTAL pickup for fine response. Microphone jack for toy mike permits you to talk through your radio (mike not supplied). Volume control and "on-off" switch and needle cup on panel. Walnut case 13 3/4"x12 1/2"x4 1/2". Shpg. wt. 10 lbs.

**K22383-YOUR COST COMPLETE.....\$14.50**

## Automatic Record Changer With Built-In Amplifier and Speaker

(Below). Housed in fine walnut cabinet with top cover. Changer plays fourteen 10" or ten 12" records in sequence, without interruption. Records can be rejected; last record repeats until motor is turned off. Constant speed rim-driven motor with 9" flocked turntable. Incorporates "Lifetime" needle and lightweight CRYSTAL Pickup. Three tube high gain amplifier provides ample volume. Has volume control and switch and a variable Tone Control. Matched 6 1/2" speaker. Size: 15 1/2" wide, 12" high, 16 3/4" deep. For 110 v., 60 cycles A.C. Shpg. wt. 32 lbs.

**K22379-YOUR COST, with tubes.....\$42.95**



## Special 10" Record Assortment!

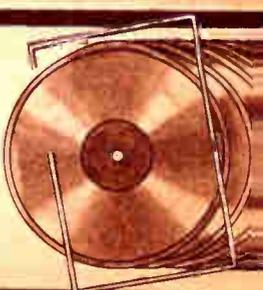
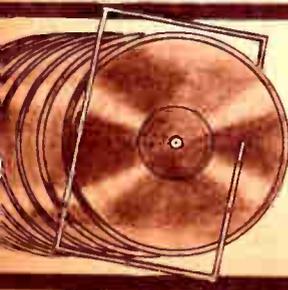
An unusual offer of world-famous popular classics, vocals and instrumentals — all BRAND NEW, electrically recorded on two sides. Many by reknowned symphony orchestras. Every owner of a phonograph should take this opportunity to enlarge his record library—at a fraction of the regular cost. The ten and thirty record assortments are made up and packaged by the manufacturer—we ship them exactly as received. You can't go wrong at the low prices quoted!

### TEN 10" Records

Our assortment. (20 sides).  
 Shpg. wt. 5 lbs.  
**K109-SPECIAL.....\$1.89**

### THIRTY 10" Records

Our assortment. (60 sides).  
 Shpg. wt. 14 lbs.  
**K110-SPECIAL.....\$5.10**





## LAFAYETTE Dual-Speed

- "Radio-Record Player-Recorder"
- ★ 2-Channel Input With Mixer
- ★ Built-in Aerial For Radio

Combines a broadcast-band radio, a dual-speed record player and a dual-speed recorder. Makes recordings from one or two mikes, the radio alone or with one mike, or from one or two external record players at either 78 or 33 r.p.m. Built-in 2-channel mixer provides complete control over each channel. May also be used as a public address system with its built-in or an external speaker. Receiver employs 1-6SA7, 1-6SF7, 1-6SC7, 1-6V6GT and 1-5W4GT rectifier. Two 6J7 pre-amplifiers are used for the

low level input channels. Both an external antenna and an external speaker may be used. Speaker is a 6" electro-dynamic. Controls include: Tone and On-Off Switch; Radio Tuning; Master Switch; Left Hand Volume Control for left hand Mike Input; Right Hand Volume Control for Radio Volume; Right Hand Mike Volume and Phono Volume; High and Low Gain microphone switch. Case is 20x19 1/2x9 1/2" deep. Covered with Airplane Cloth. For 110 V. 50/60 cycles AC operation. Complete with tubes and one mike. Shpg. wt. Dual-Speed 50 lbs., Single Speed 30 lbs. **\$88.20**  
**K22541—Dual Speed Model. YOUR COST.....**  
**K22540—Same as above but with single-speed motor and a single input channel. YOUR COST.....\$42.14**

## SPEAK-O-PHONE

Model 88-C

Portable Recorder

- ★ With 8" Jensen Speaker



A recorder and record player complete in every detail. Includes an amplifier, speaker, microphone, desk type stand, motor, turntable and associate mechanism. The amplifier has three stages of amplification employing 7F7, 6V6 and 5Y3 type tubes. Frequency range is up to 6,000 c.p.s. Power output is 5 watts. Frequency compensation provided for slow speed operation. Dual speed operation enables one to record up to 18 minutes on a 10" record. It will play all records up to 12" in diameter. Crystal microphone, cutter head and pickup insures faithful quality throughout recording and playback. Ortho-acoustic speaker arrangement is an integral part of the carrying case lid and employs an 8" heavy duty Jensen dynamic speaker. Tracking mechanism is completely positive, rugged in design and construction and foolproof in operation. Complete unit is housed in a compact carrying case measuring only 16x16x10" covered with attractive tan simulated pigskin. The unit is designed for operation on 110 volts 60 cycles AC only. Shpg. wt. 40 lbs.

**K22544—Speak-O-Phone Model 88-C Portable Recorder. YOUR COST.....**  
**COMPLETE READY TO OPERATE.....\$99.50**



## Rek-O-Cut Recording Mechanisms

Now you can build your own high quality professional recorder with these precision components. The standard 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. Shpg. Wts.: 12"—8 lbs.; 16"—11 lbs.

### For 12" Records

- K22493—With 8-ohm magnetic cutter..\$42.50**
- K22494—With 500-ohm magnetic cutter..\$42.50**
- K22495—With crystal cutter.....\$42.50**
- K22496—With Brush RC20 crystal cutter..\$53.00**

### For 16" Records

- K22497—With 8-ohm magnetic cutter..\$51.50**
- K22498—With 500-ohm magnetic cutter..\$81.50**
- K22499—With Brush RC20 crystal cutter..\$61.50**



## G-I Home Recording Unit

- Crystal Cutting Head
- Crystal Playback Pickup

A very reasonably priced combination recording and playback unit ready to install into your own phono-radio cabinet or portable carrying case. It will cut coated type (acetate, nitrate, etc.) discs up to 10" in diameter. Plays back discs or commercial records up to 12" in diameter. Consists of a 10" weighted and balanced turntable, a factory adjusted cutting head, a tangent arm lightweight crystal playback pickup and a constant speed (78 r.p.m.) motor for 110V 60 cycles AC only. All components are mounted on a base plate 15" wide and 10" deep ready for installation in a cabinet. Complete installation and operation instructions are included. It is easily connected to most up-to-date radio receivers. Shpg. wt. complete, 15 lbs.

**K22535—YOUR COST.....\$19.95**



## REK-O-KUT Recording Motors

A professional 12" dual-speed recording motor and turntable at an unusually low price. It can accommodate 16" blanks for playback. The precision machined cast-iron turntable weighs 12 lbs., is dynamically balanced and fitted with a disappearing drive-pin and rubber turntable pad. The constant speed motor is fitted with a special rotor speed shift arm to provide for either 78 or 33 r.p.m. recording speeds. Entire assembly is on a machined cast-iron mounting base assuring absolute accuracy in alignment. Complete unit is easily mounted.

**K22492—Dual-Speed 12" table and motor. For 110 V. 60 cycles AC. Wt. 40 lbs. YOUR COST.....\$59.50**

**K22534—Same but single speed.....\$37.50**

**Dual-Speed 16" Model: Same as the above but with 25 lb. 16" table and 1/20 hp motor.**

**K22533—YOUR COST.....\$125.50**

## RECORDING HEADS



### ASTATIC Crystal Cutters

Heavy die-cast cartridge assemblies. 1 3/4 x 3/4 x 3/4", 24" flexible leads. Shpg. wt. 2 lbs.

- K13767—Model X-26. Driving voltage 75 RMS. Useful upper limit 5,000 c.p.s.**
- K13768—Model X-29. Driving voltage 120 RMS. Useful upper limit 6,500 c.p.s.**

**EITHER TYPE EACH.....\$6.76**

### BRUSH Crystal Cutter

Model RC-20: Finest type of crystal recording head made. Frequency response flat within ± 3db. from 50 to 9,000 c.p.s. High operating efficiency makes possible excellent results with low power (approx. 3 watts). Dimensions: 3x29/32x7/16". New improved design. Shp. wt. 2 lbs.

**K13769—YOUR COST....\$14.70**

### W-E Magnetic Cutters

Webster-Electric Cutters have a range from 30 to 6,000 c.p.s. and require only 1 watt on commercial and 1/2 watt on home recording blanks. Distortion is less than 1 1/2% at 400 c.p.s. (96 lines per in.) overcutting grooves 20%. Fit most home recorders. Shpg. wt. 2 lbs.

**K13770—R-83, 8 ohms. } EACH**  
**K13771—R-83G, 500 ohms. } \$7.35**

### W-E Magnetic Cutters

Similar to the R-83 described at left but are housed in special casings to fit all types of professional and semi-professional apparatus. Have standard 1/4" spacing between mtg. holes tapped 8-32. Shpg. wt. 2 lbs.

**K13763—R-84, 8 ohms. } EACH**  
**K13764—R-84G, 500 ohms. } \$11.76**



## Shavings Container

Put those highly inflammable acetate shavings into this container immediately! Black finished metal 3 1/2 x 3 1/2 x 7 1/2". Self-closing cover. Shpg. wt. 2 lbs.

**K13762—EACH.....\$8.50**



## "Brush-Off"

Automatic shavings sweeper or all types of

recorders. Keeps shavings from needle. Wt. 2 lbs. **\$9.80**

## Crystal-Cutter Transformer

Matches any crystal cutter to a 6 to 8 ohm or 500 ohm line. Response 50 to 9,000 c.p.s. Secondary 3,000 ohms. 3" high x 2 1/2" diameter. Shpg. wt. 3 lbs.

**K2002—YOUR COST....\$5.50**

## 3" Square Monitor Meter

Range - 10 to ± 7 db., and ± 7 to ± 25 db. Two additional scales read "under", "normal", and "overcut". 8 ohm or 500 ohm input. For impedance use above transformer. Shpg. wt. 2 lbs.

**K10925—YOUR COST....\$9.75**

# Automatic RECORD CHANGERS and PHONO MOTORS

## WEBSTER-RAULAND Model 5591



### DeLuxe Mixer-Changer

One of the finest changers made. Features a new lightweight pickup employing a lifetime needle that will play thousands of records without appreciable wear. The changer takes a 1 1/2-inch stack of records (averaging from 15 to 17 records) and

plays them automatically in sequence. 10" and 12" records may be intermixed in any order. Any record may be rejected at will. Mechanism shuts off after last record has been played. Manual operation is also provided for. Constant speed motor (78 r.p.m.) is cushioned mounted and insulated from the turntable. Operation is smooth and quiet and records are handled very gently. Entire assembly on a die-cast plate 13 1/2 x 17", 5 3/4" above plate, 4 3/4" below. For 110 volts, 60 cycles AC only. Shpg. wt. 30 lbs.

**K22387—YOUR COST..... \$54.39**  
**Model 5596:** Like above but incorporates a high fidelity cutting head for recording on discs up to 10" diameter. Has positive feed and cuts outside-in. Shpg. wt. 35 lbs.  
**K22388—YOUR COST..... \$69.09**

## G-1 Deluxe Record Changer

New General Instrument "split-spindle" changer. Employs new lightweight pickup for use with permanent or semi-permanent needles; reproduction is exceptionally clear and life-like and due to light needle pressure record wear is considerably reduced. Capacity is 10-12" or 12-10" commercial records at a time. It is easy to load and complete control over operation of the changer is had by means of a single control button providing "Off", "Manual", "Automatic" and "Reject" positions. Dim. 12" W. 11" D. 5 1/2" H. 5/2" above, 3" below motor board. For 115 V. 60 cycles AC. Shpg. wt. 15 lbs.



**K22397—YOUR COST..... \$19.95**

## ERWOOD DeLuxe Record Changer

A popular deluxe changer with an enviable reputation for trouble-free operation. Quality of reproduction is excellent, due to the use of a fine crystal pickup, and limited only by the associate equipment (amplifier and speaker system).

Fourteen 10" or ten 12" records may be loaded onto the changer at a time. Three simple slide buttons plus the "on-off" switch operate the changer and provide for "rejection", selection of record size and "automatic" or "manual" operation. Operating cycle of the changer provides for automatic repetition of the last record until changer is turned off. Overall dimensions: 14" wide, 14" deep, 5" above mounting plate and 2" below plate. Shpg. wt. 25 lbs. For 110 volts, 60 cycles a.c.

**K22339—YOUR COST..... \$25.00**



**Standard Portable Changer Case:** Ample room for most record changers, record players, recorders, etc. Lock-corner solid wood case covered with rich black fabrikoid. Fabrikoid covered blank motor board. Inside dim.: 15 1/2" L, 14 1/2" D, 9 1/2" H. Wt. 8 lbs. **\$7.06**  
**K22340—EACH.....**



**DeLuxe Portable Changer Case:** Solid wood construction with covering of extra fine simulated-alligator fabrikoid. Sewn leather-covered edges. Two nickel-plated locking snaps with key. Blank, covered motor board. Inside dim.: 16 1/2" L, 14" D, 10" H. Wt. 10 lbs. **\$10.88**  
**K22343—EACH.....**

## GREEN FLYER Phono Motors



### Standard Motors For 110 V., 50/60 Cycles A.C.

Incorporate silent laminated spiral cut bakelite gears completely enclosed and run in oil. Oversized, self-lubricating bearings; will not overheat in closed cabinet. With speed dial, hardware and speed indicator.

**K102—Single speed (78 r.p.m.)** With 10" turntable. Shpg. wt. 10 lbs. **YOUR COST..... \$9.63**

With 12" turntable. **\$10.08**  
**K103—YOUR COST.....**

**K100—Two-Speed (78 and 33 1/3 r.p.m.)** With 10" turntable. Shpg. wt. 13 lbs. **YOUR COST..... \$12.96**

**K188—As above, with 12" turntable.** **YOUR COST..... \$13.41**

**Heavy Duty 2-Speed Motor** Similar to K100 above, but with larger field and rotor (1/2" longer). With 12" turntable. For 105/120 volts, 60 cycles a.c. Shpg. wt. 16 lbs.

**K120—YOUR COST..... \$14.55**

**Only 110 V. AC-DC Motors** With 12" turntable and changeover switch. For 78 r.p.m. records. Shpg. wt. 12 lbs.

**K126—YOUR COST..... \$15.24**  
 As above, but two speed, for 78 and 33 1/3 r.p.m.  
**K125—YOUR COST..... \$16.77**

### G-1 Model LX Rim Driven Motor

Made by General Industries. Insulation between motor and mounting plate and motor and turntable for quiet operation. Oilless bronze bearings. Two-pole high-speed motor. 9" turntable. 78 r.p.m. 110 V. 60 cycles AC. Wt. 8 lbs. **\$3.33**  
**K101—EACH.....**

### G-1 RM4 Recording Motor

Constant speed (78 r.p.m.) self-starting motor. Weighted 10" turntable. Motor insulated from plate and table. Retractable drive pin. Rim driven; pulley, idler and table in one plane. Depth 2-15/16" below plate. 110 volts 60 cycles AC only. Shpg. wt. 13 lbs. **\$7.38**  
**K104—YOUR COST.....**

### G-1 Transcription Motor

Green Flyer motor for 16" transcriptions. 16" balanced steel turntable. Self-lubricating bearings. Gears run in oil. Two speeds: 78 and 33 1/3 r.p.m. 110 volts 60 cycles AC. Wt. 21 lbs. **\$18.35**  
**K22011—EACH.....**

### Constant Speed Motors Model CX.

Gear-drive, 78 r.p.m. phono motor for 10" and 12" records. Self-starting, induction type. Fully enclosed helical cut gears in oil. Fan cooled. Dim.: 4 1/4 x 4 1/8 x 3 1/8" deep. For 110 volts, 60 cycles a.c. With 10" turntable, and all hardware. Shpg. wt. 10 lbs.

**K128—YOUR COST..... \$6.63**

### Light-Duty Motor Model KX.

Same as above, but for light-duty such as: phono-record players, portables, etc. With 10" turntable and hardware. Wt. 9 lbs.

**K107—YOUR COST..... \$5.61**

### GREEN FLYER Replacement Turntables

Exact replacements for all models except CX and KX listed above. Accurately centered and balanced. Felt or flocked surface.  
**K148—10" table. EACH..... \$1.05**  
**K149—12" table. EACH..... \$1.50**

### GREEN FLYER Automatic Stops

For any Green Flyer motor with 8", 9" or 10" turntable.  
**K135—EACH..... .72c**  
**K133—For 12" table motors..... \$1.08**



### ALLIANCE "Even-Speed" Phono Motors

**MODEL 80:** Rim-drive phono motor. 9" turntable. Constant-speed (78 r.p.m.); self-starting, forced-draft air-cooled. For 10" and 12" records. 110 V. 60 cycles AC only. Wt. 4 lbs. **\$3.10**  
**K176—YOUR COST.....**

**MODEL 60:** Gear driven, self-starting, constant speed (78 r.p.m.). 9" turntable. Oversize bearings and helical cut laminated bakelite gears. 110 V. 60 cycles AC. Wt. 5 lbs. **\$4.99**  
**K145—YOUR COST.....**

# PHONO NEEDLES and RECORDING DISCS

## LONG PLAYING PHONO NEEDLES FOR COMMERCIAL RECORDS

- (A) Sapphire needle with offset shank for minimum wear and low scratch level. Shadowgraphed. Play about 2500 sides without need for change. **79c**  
**K195—Your Cost Each**
- (B) Deluxe Fidelitone long-life needle. High fidelity. Plays 2000 standard commercial records; 4000 home recordings. Platinum point. **69c**  
**K163—Your Cost Each**
- (C) Lafayette 4000 play needle in plastic case. Low surface noise. **85c**  
**K443—Your Cost Each**
- (D) Permo Point 2000 play needle with patented precious metal elliptical point. Standard for coin machines. **50c**  
**K184—Your Cost Each**
- (E) Fidelitone "Floating Point" needle. Filters record scratch. 3 to 6 months average use (1000 or more sides). Platinum point. Ideal for changers. **50c**  
**K227—Your Cost Each**
- (E) Deluxe Fidelitone "Floating Point" needle. As above, but good for 5000 plays. **\$1.00**  
**K478—Your Cost Each**

## SAPPHIRE CUTTING NEEDLES

- (F) Lapped edge cutter for acetate discs. Precision cut jewel for low surface noise and highest fidelity. Over 5 hours cutting life. **\$3.23**  
**K191—Your Cost Each**
- (F) Like above, but with Long Shank to fit Presto Professional and Brush cutting heads. **\$3.45**  
**K198—Your Cost Each**
- (G) Sapphire cutter ground to W.E. specs. For acetate discs. About 10 hours life. Can be resharpened. **\$4.25**  
**K196—Your Cost Each**

## STEEL CUTTING NEEDLES

- (G) Steel cutter for acetate; individually ground and lapped. Flattened shank. **25c**  
**K439—Package of 3, Your Cost**
- (H) Stellite cutter for acetate discs. Extremely quiet. Cuts several hundred sides; can be resharpened. **\$1.18**  
**K337—Your Cost Each**
- (I) Individually polished steel cutter for acetate discs. Will cut 15 to 25 10" discs. **59c**  
**K348—Package of 5, Your Cost**
- (I) Alloy steel cutter for acetate discs. Quiet and longer lasting. Excellent quality. **69c**  
**K342—Package of 5, Your Cost**
- (I) Alloy cutter for acetate; harder than steel. Polish while they cut. Hand lapped. **95c**  
**K434A—Package of 5, Your Cost**
- K434B—Package of 10, Your Cost** **\$1.79**
- (I) Permo-Point metal point cutter. Up to 10 hours excellent service. Quiet and fine efficiency. **\$1.18**  
**K190—Your Cost Each**

## New RCA-Victor "One Grand" Needle

High quality semi-permanent needle. Good for 1000 plays. Minimum wear and surface noise. **50c**  
**K479—Your Cost Each**

- (J) Cactus Needles: Cause no wear. Eliminate scratch. **28c**  
**K359—Pkg. of 12, 25.50**
- (J) Greythorn Needles: Special thorn. Ideal for crystal pickups. Tested. **32c**  
**K262—Pkg. of 15**



## PLAYBACK PHONO NEEDLES FOR STANDARD COMMERCIAL RECORDS

- (J) High fidelity shadow tested steel needle. Each good for 10 sides. **8c**  
**K430A—Package of 12, Your Cost**
- K430B—Package of 30, Your Cost** **16c**
- (J) RCA steel phonograph needles.
- K159—Half Tone (Pkg. of 75) Any Package** **10c** **10 Packs for 75c**
- K160—Extra Loud (Pkg. of 100)** **10c**
- (J) RCA Chromium needles. Green shank. **25c** **10 Packs \$1.80**  
**K357—Package of 6**
- (J) RCA Tungstone needles.
- K157—Extra Loud (Pkg. of 8)** **25c** **10 Packs \$1.80**
- K158—Full Tone (Pkg. of 8)** **25c**
- (J) Lafayette Chrome plated individually shadowgraphed needles. Good for 15 plays each. **15c**  
**K440—Package of 6, Your Cost**
- (J) Green shank shadowgraphed needles. Good for 12 plays each. **38c**  
**K432—Package of 100, Your Cost**
- (J) Automatic Record Changer needles. Each good for 10 sides. 10 Packages for **82c**
- K193—Package of 10** **9c**
- (K) Hi-Fi needles for automatic record changers. Good for 10-15 plays each. **23c**  
**K146—Package of 30, Your Cost**
- (K) RCA Red Seal needles, designed to play back Red Seal records. 10 Packages for **\$1.50**
- K141—Package of 50, Your Cost** **20c**

## PLAYBACK NEEDLES FOR HOME RECORDINGS

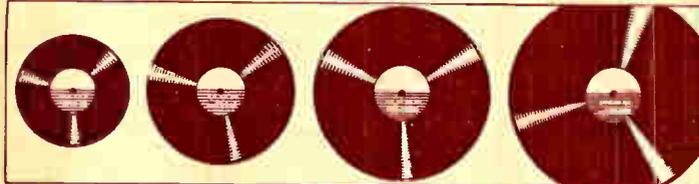
- (M) Sapphire point needle for home recordings only. Fine high frequency response. 6000 perfect plays with almost no record wear. **\$3.60**  
**K429—Your Cost Each**
- (J) Transcription steel needle for acetate discs. Individually shadow tested. **9c**  
**K480—Package of 10, Your Cost**
- K300—Package of 75, Your Cost** **19c**
- (J) Transcription metal alloy needle. Long life, high-fidelity. Semi-permanent self-lubricating point. 40 to 50 hours on standard records, longer on home rec. **69c**  
**K286—Your Cost Each**
- (J) Red shank steel needles for acetate recordings. Individually shadow tested. **38c**  
**K433—Package of 100, Your Cost**

## GENERAL PURPOSE PLAYBACK NEEDLES

- For playing either home recording discs of standard commercial records (Victor, Decca, Columbia, Bluebird, etc.).
- (J) Transcription steel needle. Shadow tested. Fine response, little wear. Play 5 to 10 records. **7c**  
**K346—Package of 12, Your Cost**
- K347—Package of 35, Your Cost** **17c**
- K319—Package of 100, Your Cost** **39c**
- (K) Filter point highly polished surgical steel needle. Shadow tested. Low surface noise. 10-15 plays. **8c**  
**K209—Package of 12, Your Cost**
- K222—Package of 35, Your Cost** **21c**
- K226—Package of 200, Your Cost** **\$1.20**
- (L) Sapphire Playback—Special Value! Permanent needle—plays 2000 commercial records with minimum wear. Excellent frequency characteristics. **\$1.15**  
**K448—Your Cost Each**

## RECORDING DISCS FOR EVERY PURPOSE

We have listed below the most popular types of home recording discs available today. Complete stocks are maintained in all our branches to insure speedy delivery. Rapid turnover insures delivery of fresh stock. Buy in quantities to effect extra savings.



### RECORDISC Blanks

A line of good quality, reasonably priced recording discs. All are non-inflammable.

#### Steel Alloy Base

Green label. Double sided. Coated on heavy alloy steel. Average 200 plays per side. Low noise level. Underwriters approved.

Stock No.	Dia.	Your Cost Each
K11972	6 1/2"	17c
K11973	8"	23c
K11974	10"	33c

#### Paper Base

Yellow label. Coated both sides on tempered flexible board base. Light weight, low cost.

K11969	SIX 6 1/2" Discs.	50c
K11970	SIX 8" Discs.	80c
K11971	SIX 10" Discs.	\$1.20

### Wilcox-Gay Record Discs

Lightweight, flexible discs for use with home recorders. Non-inflammable. Excellent recording quality. Coated both sides. Each has label each side.

K11979	SIX 6 1/2" Discs	60c
K11980	SIX 8" Discs	\$1.00
K11981	SIX 10" Discs	\$1.50

### Blue Label Steel Discs

High quality recording blanks coated both sides on heavy gauge steel base. Suitable for all types of home recording. Labeled.

Stock No.	Size	Each	Each
K11982	6"	20c	18c
K11983	8"	27c	24c
K11984	10"	37c	33c

### Home Recording Discs

For home recorders. Excellent quality, low noise level. Non-inflammable. May be cut with a sapphire needle. Labeled.

Stock No.	Dia.	Pkg. Of	Your Cost Per Pkg.
K11951	6 1/2"	6	75c
K11952	8"	8	55c
K11953	10"	3	75c

### Record Mailing Folders

Heavy duty mailing folders with lining of high test corrugated board. May be sent with safety via Parcel Post or Express. Not for glass base discs.

K20270	For 6 1/2" Discs.	Ea. 3 1/2c
K20271	For 8" Discs.	Ea. 4 1/2c
K20272	For 10" Discs.	Ea. 6 1/2c
K20273	For 12" Discs.	Ea. 7 1/2c

### LAFAYETTE Glass Base Recording Blanks

Professional quality blanks having a perfectly uniform coating of the highest grade nitrate on smooth glass base. Surfaces are smooth and flat, permitting the operator to make recordings of outstanding merit.

K11986	10" Size	72c
Each		
In lots of 12, Each		55c
K11987	12" Size	85c
Each		
In lots of 12, Each		69c

### Gummed Record Labels

Neatly printed. Have spaces for title, date and name of recorder. Fit all discs; adhere firmly.

K431	Package of 50	25c
------	---------------	-----

**We Will Not Knowingly Be Undersold**

# Lafayette SOUND SYSTEMS

Wherever People Gather

EDUCATION



INDUSTRY



AMUSEMENT



GOVERNMENT



RELIGION



Lafayette, unchallenged leader in the Public Address Field, offers a complete line of amplifiers and associated systems for every conceivable indoor, outdoor, portable or mobile application. Over twenty years of engineering experience and pioneering in the sound field has resulted in this complete line of Lafayette equipment that provides more for your money. You get more watts-per-dollar—greater performance—longer use — when you buy Lafayette! Hundreds of organizations throughout the country — schools, churches, factories, orchestras, research laboratories — all tell of Lafayette's first-rate performance, low cost and phenomenal earning power. You get advanced styling too, when you buy Lafayette. Functional design is coupled with the most modern streamline construction to insure freedom from obsolescence. These are facts — and they're backed by the most liberal guarantee offered.

**OUR GUARANTEE:** Choose any Lafayette Amplifier or Sound System — try it for fully 30-DAYS. If you are not convinced that Lafayette gives you the most in performance, in quality and in power, you are authorized to return the equipment for exchange or receive your money back (less transportation charges). Lafayette insists on satisfied customers. We expect you to be a "tough buyer." *We guarantee satisfaction!*

**FREE CATALOG:** If you have not already obtained the specialized Lafayette Public Address Catalog, you need only fill out the coupon below, paste it on a penny postcard and mail it to us. This catalog is replete with extra-value equipment for every Sound application — for every type of business. No more complete P.A. line has ever been assembled under one name. That's why you'll always find that it pays to buy Lafayette and save!

Send For Your **FREE** Copy



RADIO WIRE TELEVISION INC.

100 Sixth Ave., New York, N. Y.

Dept. S-87: Please rush FREE Lafayette Public Address Catalog No. 84.

NAME.....

ADDRESS.....

CITY.....STATE.....

## AUDAX Microdyne



Models D-27E, D-31E and D-38H

New relay-action principle places resonance of moving system beyond audibility, eliminating harsh peaks. Exciter inertia several hundred times less than in ordinary pickups. The ideal of the music lover.

**D27E:** flat within  $\pm 3$  db to approx. 6600 cycles. Rising bass curve to about 9 db at 50 cycles.  $1\frac{1}{2}$ -oz. tip pressure. Brown and gold finish.  $12\frac{1}{2}$ " long. **High Impedance.**

**K13403—Shpg. wt.  $1\frac{1}{2}$  lbs. \$11.60**

**Your Cost.**  
**D-31E:** flat within  $\pm 2\frac{1}{2}$  db to approx. 7000 cycles. Rising bass curve to about 9 db at 50 cycles. Other characteristics same as above.

**K13457—\$16.17**

**Your Cost.**  
**D-38H:** flat within  $\pm 2$  db to 7500 cycles. Rising bass curve to about 8 db at 50 cycles. Exceptionally low vibratory momentum. Tip pressure about 39 grams. May be used with JEWEL POINT. Black and chrome finish.  $12\frac{1}{2}$ " long. 500 ohm imp. **\$29.25**

**K13453—Your Cost. \$29.25**  
**16" and other models on order**



## BRUSH Crystal PICKUPS

**Model PL-20:** By eliminating the usual needle chuck and set screw and employing a very small permanent, polished sapphire stylus instead of the conventional needle, the mechanical impedance of the vibratory system has been brought to a very low value. Response is virtually flat (within  $\pm 2$  db) up to approximately 6,000 c.p.s. with a very slightly rising characteristic to 10,000 c.p.s. Will drive a conventional two-stage amplifier.  $1\frac{1}{4}$ " overall. Taupe and bronze finish. For up to 16" records. With equalizer. Shpg. wt. 8 lbs.

**K13462—Model PL-20 \$26.46**

**Your Cost.**  
**Model PL-25:** Essentially the same as the above but for up to 12" records. Bakelite arm  $10\frac{1}{2}$ " overall. 1-oz. pressure. Less equalizer. Shpg. wt. 7 lbs.

**K13464—Your Cost. \$19.40**

**3761-B Equalizer: High Impedance.** Same as with PL-20 but for use with PL-25 above. **K13474—Your Cost. \$1.47**

## New SHURE "HI-Lo" PICKUPS



High (1.4 V.) output combined with low (1-oz.) weight make this one of the finest pickups at its price! Available with or without permanent sapphire needle. Response 60-7000 cycles.  $8\frac{3}{4}$ " arm for up to 12" records. Mahogany color plastic. Bimorph crystal. Shpg. wt. 9 ozs. **K13415—Model 97AN with sapphire permanent needle (set screw mounted). \$3.82**

**Your Cost.**  
**K13417—Model 97A as above but less needle with set and thumb screws. \$3.23**

**Your Cost.**  
**K13426—Model 95A same as 97A but 2-oz. pressure and 3-volt output. Your Cost. \$3.23**

Replacement Cartridges—Model 97AN use W42AN, 97A use W42A, 95A use W40A.



## WEBSTER Crystal PICKUPS

Excellent design and performance. Balanced to track at less than 2-ozs. Range 40 to 8500 c.p.s. For up to 12" records. Brown finish. Shpg. wt. 3 lbs.

**K523—Model AE-10. With natural sapphire needle. Hi-impedance. \$3.97**

**Your Cost.**  
**K529—Same as above but less needle. \$3.23**

**K530—Series "80". Response 50-7000 c.p.s.  $2\frac{1}{2}$ -oz. pressure. Less needle. \$2.91**

**Your Cost.**

## ASTATIC CRYSTAL PICKUPS



AB-8M



FP

**Model AB-8M:** Designed especially for use on sound trucks, aeroplanes, trains and other mobile units. Mechanically counter-balanced so as to track on recordings even in a vertical position without jumping out of the grooves. Hinged head may be tilted upward for quick and easy changing of needles. Characteristics similar to AB-8 only difference being in the hinged head and counter-balancing arrangement. Head is of the standard "Tru-Tan" offset type assuring perfect tracking and true high fidelity response on all types of commercial recordings. Output volts—2.5. Needle pressure— $2\frac{1}{2}$  ozs. Length— $10\frac{1}{2}$ ". Height 2". Telephone black finish. Shpg. wt.  $2\frac{1}{2}$  lbs.

**K242—Your Cost. \$7.35**

**REPLACEMENT CRYSTAL**

**K13406—Replacement crystal for above pick-up. Your Cost Each. \$2.94**

**Model FP-18:** new low-pressure (1 ounce) pickup of completely new design. Has a protected permanent sapphire stylus eliminating the need for needle changing. Reduced weight vibrating system combined with torque wire coupling results in an absolute minimum of record wear, noise and wave form distortion. 9" curved offset arm for up to 12" records. Statuary bronze finish. Shpg. wt. 2 lbs.

**K223—Standard Model FP-18. Range 30 to 7000 c.p.s.**

**K239—General Use Model FP-8. Range 30 to 5000 c.p.s. (for commercial records).**

**K230—High Fidelity Model FP-38. Range 30 to 10,000 c.p.s.**

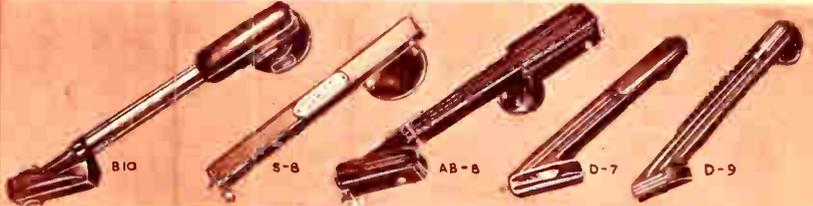
**Any Model Above, Each. \$9.70**

**Replacement Crystals**

**K13963—For FP-8**

**K13964—For FP-8**

**K13962—For FP-18 \$4.70**



B10

S-8

AB-8

D-7

D-9

**TRU-TAN:** popular offset-head model used in many broadcast and recording studios. Faithful reproduction with minimum needle scratch. Head turns to permit top loading of needles. Black and chrome finish.

**K172—Model B-10. 10" arm for records up to 12". Shpg. wt. 3 lbs.**

**Your Cost \$10.29**

**K173—Model B-16. 12" arm for records up to 16". Shpg. wt. 4 lbs.**

**Your Cost \$13.23**

**K13406—Replacement crystal. Your Cost. \$2.94**

**Model S-8:** Lightweight straight arm type with ball bearing mount. Fine response.

**K161-S-8. For up to 12" records. 8" arm. Shpg. wt. 3 lbs.**

**Your Cost. \$5.88**

**K140—Replacement crystal for Model S-8.**

**Your Cost. \$2.94**

**Model AB-8: Offset-head. Excellent response. Spring-axial cushioning. Brown finish. Internally damped crystal. Wt. 3 lbs.**

**K119—Each. \$5.88**

**K13408—Crystal for Model AB-8. Your Cost. \$2.94**

**Model O-7:** a moderately-priced offset-head pickup with fine fidelity and minimum tracking error. Axial cushioning reduces motor noise and feedback. Needle pressure only  $2\frac{1}{2}$  ozs. 9" arm. Black and chrome finish. Wt. 2 lbs.

**K214—Your Cost. \$3.82**

**K233—Replacement crystal for Model O-7.**

**Your Cost. \$2.94**

**Model D-9: special low-priced model. Offset-head.  $2\frac{1}{2}$  oz. needle pressure. 9" arm. Shpg. wt. 3 lbs.**

**K232—Your Cost. \$2.91**

## CRYSTAL PICKUP REPLACEMENT CARTRIDGES



A comprehensive lineup of replacement cartridges for all standard makes of crystal pickups as recommended by the manufacturers.

Each and every cartridge is precision made and individually tested for rated frequency response and output voltage.

Stock No.	Make	Model	Type	Description	Size	Pressure	Output	Each
K13363	Astatic	LP-6	A	*Flat 2-hole mount	$2\frac{1}{2} \times \frac{1}{2}$ "	1-oz.	.85V.	\$4.70
K13364	Astatic	LP-21	A	*Flat 2-hole mount	$2\frac{1}{2} \times \frac{1}{2}$ "	1-oz.	.85V.	4.70
K13365	Astatic	L-40	B	Flat 2-hole mount	$2\frac{1}{2} \times \frac{1}{2}$ "	$1\frac{1}{2}$ -oz.	.6V.	2.35
K13366	Webster	N-1	B	*Flat 2-hole mount	$2\frac{1}{2} \times \frac{1}{2}$ "	1-oz.	.6V.	2.35
K13368	Shure	W42A	B	Flat 2-hole mount	$2\frac{1}{2} \times \frac{1}{2}$ "	1-oz.	1.4V.	2.35
K13369	Shure	W42AN	A	*Flat 2-hole mount	$2\frac{1}{2} \times \frac{1}{2}$ "	1-oz.	1.4V.	2.94
K13370	Webster	X81CH	D	Side hole mount	$2\frac{1}{2} \times \frac{1}{2}$ "	1-oz.	.7V.	2.70
K13371	Webster	X81CN	D	*Side hole mount	$2\frac{1}{2} \times \frac{1}{2}$ "	1-oz.	.7V.	3.44
K13372	Webster	X82CH	B	Flat 2-hole mount	$2\frac{1}{2} \times \frac{1}{2}$ "	1-oz.	.7V.	2.32
<b>For Standard Pickups</b>								
K13407	Astatic	B-1	D	Lugs—bakelite case	$2\frac{1}{2} \times \frac{1}{2}$ "	$2\frac{1}{2}$ -oz.	2.5V.	2.94
K13408	Astatic	B-2	D	Screw terminals	$2\frac{1}{2} \times \frac{1}{2}$ "	$2\frac{1}{2}$ -oz.	2.5V.	2.94
K140	Astatic	E-4	D	Plug-in. Bakelite case	$2\frac{1}{2} \times \frac{1}{2}$ "	$2\frac{1}{2}$ -oz.	2.5V.	2.94
K13973	Astatic	I-26	B	Flat 2-hole mount	$2\frac{1}{2} \times \frac{1}{2}$ "	$2\frac{1}{2}$ -oz.	2.5V.	2.94
K233	Astatic	M-22	B	Flat 2-hole mount	$2\frac{1}{2} \times \frac{1}{2}$ "	$2\frac{1}{2}$ -oz.	1.4V.	2.35
K13393	Shure	W20C	D	Flat 2-hole mount	$2\frac{1}{2} \times \frac{1}{2}$ "	$2\frac{1}{2}$ -oz.	2.9V.	2.94
K13394	Shure	W20C	D	For 94, 98, 99, 910B PU's	$2\frac{1}{2} \times \frac{1}{2}$ "	$2\frac{1}{2}$ -oz.	3.0V.	2.35
K13395	Shure	W27C	D	Universal mount Bake.	$2\frac{1}{2} \times \frac{1}{2}$ "	$2\frac{1}{2}$ -oz.	3.0V.	2.94
K13397	Shure	W40A	B	Flat 2-hole mount	$2\frac{1}{2} \times \frac{1}{2}$ "	2-oz.	3.0V.	2.35
K540	Webster	X78C	D	Side hole mount	$2\frac{1}{2} \times \frac{1}{2}$ "	$2\frac{1}{2}$ -oz.	2.0V.	2.85
K1510	Webster	X79C	C	Flat 2-hole flange mount	$1\frac{1}{2} \times 1$ "	$2\frac{1}{2}$ -oz.	2.2V.	2.12
K13376	Webster	X80C	C	Flat, 2-hole flange mount	$1\frac{1}{2} \times 1$ "	$2\frac{1}{2}$ -oz.	1.8V.	2.12
* Include needle. † Metal case. ‡ For "07" Pickup.								
<b>RCA Crystal Cartridges</b>								
K215	No. 31050	For Models 9842				2.7-oz.	$1\frac{1}{2}$ V.	2.20
K13424	No. 31156	For Models 9844, 9850				3-oz.	$1\frac{1}{2}$ V.	2.50
K280	No. 33122	For Models 9868, R93F, VA-21				2.7-oz.	$1\frac{1}{2}$ V.	2.20
K277	No. 33217	For Model 9891				2.7-oz.	$1\frac{1}{2}$ V.	2.20
K249	No. 35171	For Models 9869, 9908, 9909D, 9910, 9911				3-oz.	$1\frac{1}{2}$ V.	2.50

# SHURE MICROPHONES

## New! DYNAMIC Super-Cardioid Model 556



Has the most uni-directional pattern in the limacon family. It is twice as uni-directional as the Cardioid, from the standpoint of receiving front sounds and rejecting rear sounds, yet has wide-angle front pick-up. This new pick-up pattern decreases pick-up of reverberation and random noise 73%.

"Ultra" wide-range frequency response from 40 to 10,000 cycles assures excellent reproduction. Moving coil unit is highly immune to mechanical vibration and wind noises. Furnished complete with 18 inch cable. Shpg. wt. 6 lbs. **K13563—Model 556C. Hi-imp. K13564—Model 556B. 200-250 ohms. K13568—Model 556A. 35-50 ohms. ANY ABOVE, \$44.10 EACH.**

## Model 700D Crystal Mike



Response: 30-10,000 c. p. s. Graphofoil Bimorph element. Output: 53 db. below 1 volt per bar. Satin-chrome finish, cable connector and locking plug. 2 3/8" diam. Fits 3/8"-27 threaded stand. 25 ft. shielded cable with plug. Wt. 2 lbs. **K13640—YOUR COST... \$16.17**

## Model 717A



Low priced hand mike for home recording and communication use. Tenite case. Mechanically isolated crystal. Output level -49.7 db. Diam. 2 1/2" Height 6" Depth 1 1/2" 7-ft. cable. Wt. 2 lbs. **K13603—YOUR COST... \$5.85**

## 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 63 db. below 1 volt per bar. Triple moisture-proofed Grafoil Bimorph crystal. Head diameter 3 1/4", depth 3 3/4". Fits standard 5/8"-27 threaded stand. 25 ft. cable and connector. Shpg. wt. 4 lbs. **K13679—Model 730A. YOUR COST... \$20.87**  
**K13699**—Similar to above but especially designed for voice reproduction. Ideal for police, commercial and amateur use. **YOUR COST... \$20.87**  
**Model 730SH.** With 7-ft. cable. **YOUR COST...**

## 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. Eliminates feedback problems and provides greater usable output. Response: 40-10,000 c.p.s. Ideal for high quality broadcast, P.A. and Recording. High output: 55.5 db. below 1 volt per bar. Complete with Shure cable connector and 25 ft. cable. Case dimensions: 4 1/4" high, 3 1/4" wide and 3 1/4" deep. High impedance model with built-in transformer. Shpg. wt. 5 lbs. **K13688—Model 55C—High Impedance. EACH... \$29.11**  
**K13672—Model 55A—Low Impedance.** Same as 55C but 35-50 ohms impedance. Recommended where long lines are necessary. Cable length practically unlimited. Complete with 25 ft. cable. **YOUR COST... \$27.64**  
**K13664—Model 55B.** Same as 55A but for 200-250 ohms. With 25-ft. cable. **YOUR COST... \$29.11**  
**K13673—Cable type transformer to match 55B or 55C to hi-impd. \$7.06**  
**K13665—Model 55CV.** Special voice model for speech and singing. Excellent for Sound Systems, Communications and Recording. Other specifications same as the above. High Impedance. **YOUR COST... \$29.11**

## Model 708A Crystal Mike

Illustrated at right. Excellent, smooth, wide-range 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 bars. Shpg. wt. 3 lbs. With 7-ft. cable. **K13633—YOUR COST... \$11.46**  
**K13634**—Same with 25-ft. cable. Shpg. wt. 6 lbs. **YOUR COST... \$12.34**

## Model 707A Crystal Mike

General purpose mike. Die-cast case finished iridescent gray. Polished grille. Output -49.7 db. Diam. 2 3/8". 7-ft. cable. **K13630—Wt. 2 lbs. \$7.35**  
**YOUR COST...**  
**K13631**—Same with 25-ft. cable. Shpg. wt. 4 lbs. **YOUR COST... \$8.24**

## Model 508C Dynamic Mike

Illustrated at left. Moving coil type with smooth wide-range response. Rugged, practically immune to heat and humidity. Output -63 db. below one volt per bar. Hi-Impedance. 25-ft. single shielded single conductor cable and connector. For size and weight see 708A at left. **K13635—YOUR COST... \$17.35**

## Model 500C Dynamic Mike

Same appearance as 707A but moving coil dynamic type. Output 63 db. below 1 volt per bar. Exceptionally rugged. Excellent response. Hi-Impedance. 7-ft. cable. Wt. 3 lbs. **K13636—YOUR COST... \$10.29**  
**K13637**—Same as above, but with 25-ft. cable. **YOUR COST... \$11.17**

## Military Carbon Hand Mike

This type is widely used with Police Radio and other communications equipment. Designed to fit comfortably in the palm of the hand with the thumb resting on the push-to-talk button. Light and compact yet very sturdy. Finished in blue-gray crackle with polished trim. Dimensions: 3 3/4" high, 2 3/4" wide, 1 3/4" thick. The frequency response has been designed to give clear distinct voice reproduction. Mike comes complete with suspension hook and bracket for wall mounting. **K13654—Model 105A.** Mike switch normally open. No relay switch. 7-ft. shielded cable. Shpg. wt. 1 lb. **YOUR COST... \$14.70**

**K13655—Model 101A.** No mike switch. Two-wire relay switch normally open—close to talk. 4-ft. 4-conductor unshielded cable. Shpg. wt. 1 lb. **YOUR COST... \$14.70**

**K13656—Model 102A.** Mike switch normally open. Relay switch normally open. 4-ft. 4-conductor unshielded cable. Shpg. wt. 1 lb. **YOUR COST... \$14.70**

**K13649—Model 750-B.** Crystal Hand Mike. **YOUR COST... \$14.70**

## Model 750-B Crystal Hand Mike

Similar in appearance to the carbon hand mikes above but with crystal element. Excellent response and output level. Has push-to-talk mike switch and 7-ft. shielded cable. Shpg. wt. 1 lb. **K13649—Model 750-B. Crystal Hand Mike. \$14.70**



## Model 76B Lapel Mike

Small (1 1/2" diameter and light (1 1/2 ozs.)) Clips to lapel by means of a spring clip. Iridescent gray finish. 25 feet of special flexible cable. Particularly designed for voice frequencies. Excellent for lecturers, instructors, etc. Shpg. wt. 1 lb. **K13638—\$14.70 EACH...**

## Model S36A Desk Stand

Streamlined die-cast base with rubber feet. Takes Shure connector or any standard type mike. Connector type fit flush. Others mount as shown in illustration. Ornamental button on front can be removed and a switch or volume control substituted. Iridescent gray finish. Base 2 1/2" H, 5" W, 7" L. Shpg. wt. 2 lbs. **K13602—(Less Mike)... \$2.35**

## Model S32D Desk Stand

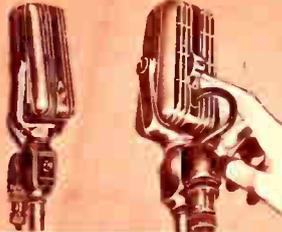
Modernistic style beautifully finished in iridescent gray and polished metal. Height adjustable from 7 to 11". 6" diameter base. Standard 5/8"-27 threaded for mike. Wt. 4 lbs. (Less Mike). **K13643—YOUR COST... \$4.41**

## Model S34A Desk Stand

Combination hand and desk stand. Wood handle bayonet-locks into metal base. 6-11/16" H, 4 1/2" Diam. Threaded 3/8"-27. Wt. 3 lbs. **K13691—(Less Mike)... \$1.18**



# 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. 4 lbs. each.

Stock No.	Models 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 (2x1x3/4")					
K13690	KKH	40-6000 c.p.s.	-30 db.	25-ft.	10.58
K13691	KKHH	40-9000 c.p.s.	-30 db.	25-ft.	16.46



### "PG" Pressure Gradient Dynamics

Lowest feedback point of any diaphragm type mike. Improved ellipsoid pickup pattern, flat response. Range 40 to 11,000 c.p.s. Output level -56 db. Station-type cable connector, built-in "on-off" switch. With 25-ft. cable. Satin Chromium finish. Shpg. wt. 3 lbs. EACH  
 K13610—PCH. High Imped. **\$18.82**  
 K13613—PCL. 200 ohms  
 K13611—PCAH. As above, but 70 to 8000 c.p.s. 12-ft. cable. High Imped. **\$14.70**  
 YOUR COST .....  
 K13607—Plastic Baffle for PG Mikes. ....88c

### 7J Lapel Mike

About the size of a small match box. Has neck cord and can be hidden under coat. 2 1/4 x 1 3/4 x 1". Response 60-7500 c.p.s. Output -70 db 25-ft. cable. Wt. 3 lbs.  
 K13615—Hi-Imped.  
 K13617—200 ohms.  
 EITHER **\$12.94**  
 EACH....

## 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 - push knob up to increase highs - down to increase lows. Range: 40-11,000 c.p.s. Output: -65 db. 25-ft. cable. Chrome. Wt. 8 lbs.  
 K13668—RBHK. Hi-Imped.  
 K13669—RBMK. 200 ohms.  
 YOUR COST..... **\$24.70**

### Standard Models

Similar but range: 60-8000 c.p.s. Output: -68 db. 12-ft. cable.  
 K13598—RSHK. Hi-Imped.  
 K13599—RBSK. 200 ohms.  
 YOUR COST..... **\$18.82**

### Economy Velocity

Amperite quality at a very low price. Excellent response. Output -68 db. Shock absorber, swivel carrying bag. Chrome finish. RAL-2000 ohms. RAH-2000 ohms impedance. Wt. 7 lbs.  
 K13618—RAL (8' cable).  
 K13619—RAH (12' cable).  
 EACH..... **\$12.94**

### SR-80 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. Chrome finish. High impedance. Shpg. wt 10 lbs.  
 Model SR-80. **\$39.20**  
 K13463.....

**"KF" Foot Vol. Control**  
 Provides smooth control of volume by foot action. For any high impedance Kontak mike. Size: 9x2 1/2 x 2 1/2". Supplied with 15-ft. cable. Shpg. wt. 4 lbs.  
 K13663—  
 YOUR COST **\$7.06**



### Bridge Clamp

For guitars, mandolins and similar instruments. Simplifies installation of Kontak mike on string instruments. Adjustable from 1/16" to 1/4".  
 K13686—  
 EACH..... **59c**  
 Strap for flat top guitars. K13687—EACH ..... 59c



### LGP Input Trans.

Matches 50 or 200 ohms to hi-imp. input. Standard for close talking mikes; Laboratory for voice and music.  
 K13608—  
 Standard.... **\$3.53**  
 K13609—Lab. Std. **\$5.88**

### Replacement Ribbons

For use with Amperite Velocity Microphones RBHK, RBMK, RSHK, RBSK. 2 to a package, K13566—Standard...73c  
 K13567—Super. ...\$1.03

# AMERICAN DYNAMIC MICROPHONES



### 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 1V bar.) Hi-impedance (38,000 ohms). Semi-directional. Equipped with 12 1/2-ft. cable. Fits 3/8"-27 threaded stand. An excellent value. Shpg. wt. 3 lbs.  
 K13486—Hi-Impedance.  
 K13487—200 ohms.  
 EITHER, EACH... **\$14.55**

### Model D9AT Unidirectional Mike

A pressure-velocity combination microphone with pickup only from the front, broad frequency response and high output plus the usual dynamic microphone qualities of ruggedness, immunity to weather conditions and circuit adaptability. Average output approx. -54 db. Response good to 10,000 c.p.s. Size 7x2 1/2 x 2 1/4" deep. Satin chrome finish. 25-ft. shielded rubber covered cable. Standard 3/8"-27 thread. Equipped with swivel and standard cord connector. Shpg. wt. 4 lbs.  
 K13571—Hi-impedance (38,000 ohms).  
 K13572—200 ohms impedance.  
 EITHER MODEL **\$24.25**  
 YOUR COST .....

### Model D220T Wide Range Dynamic

A unique moving-coil dynamic mike with two generators each with a specific frequency response. Combined outputs electrically and acoustically coupled produce an ideal response variable to three positions—high (150 to 10,000 c.p.s.), full (30 to above 10,000 c.p.s.) and low (25 to 5000 c.p.s.). In the "full" position there is a broad crossover (150 to 5000 c.p.s.) between generators. Output level -55 db. Size 5 1/2 x 4 x 2" deep. Finish Brushed chrome. 25-ft. Shpg. wt. 4 lbs.  
 K13573—Hi-Impedance (38,000 ohms).  
 K13569—200 ohms.  
 EITHER MODEL, EACH... **\$38.22**

### Model D4T

Fine response from 60 to 7500 cycles and a high output of -56 db. (0 db. = 1V/bar) feature this new model D4T dynamic microphone. Rugged yet light in weight (app. 10 1/2 oz.) 180° vertical angular setting, and positive friction lock at the swivel. Single contact shielded plug. 12 1/2-ft. cable. Wt. 2 lbs.  
 K13586 - Hi-Impedance (38,000 ohms).  
 K13587—200 ohms.  
 EITHER, EACH... **\$12.93**

### Model RC Crystal Mike

Low priced high quality crystal mike complete with desk stand. Chrome and walnut finished. 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 hand mike. Can be removed entirely and mike mounted on floor stand. 3/8"-27 thread. Suitable for home recording, PA, etc. With 7-ft. cable. Shpg. wt. 1 1/4 lbs.  
 K13477—YOUR COST..... **\$5.85**

### Model C6 Crystal Mike

Has a crystal driving lever twice as efficient 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 3/4". Standard 3/8"-27 thread. A fine microphone for all types of applications. Shpg. wt. 2 lbs.  
 K13580—With 7-ft. cable. **\$9.70**  
 YOUR COST.....



# ASTATIC MICROPHONES



## ASTATIC 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 5/16" .27 thread, spring cable protector and 15-ft. cable. Chrome plated finish with fine mesh screen grille.

**K13670**-Wt. 3 lbs. **\$14.70**  
YOUR COST.....

### Mike and Stand

**K13525**-Model GT-3-T-3 mike as above with Grip-To-Talk Stand. Shpg. wt. 5 lbs. **\$17.64**  
YOUR COST.....



## Model

Incorporates an "Ebonite" treated sealed Bimorph crystal element in an acoustically designed cartridge case. Output is -52 db. Pleasing bass response with uniform highs. Case 2-5/16" diam., 3" h. 3-1/16" d.

Model JT-30-TT is especially well suited for use with portable and permanently installed sound systems or with all types of communication equipment. It is an all-purpose mike in every sense of the word. With 15-ft. cable. Shpg. wt. 4 lbs. **K13427**-YOUR COST COMPLETE..... **\$9.11**

## JT-30-TT

Unusually attractive it is finished in gray and chrome. Mounted on a combination hand or desk stand with die-cast base and locking wood handle. Excellent for use with home recording outfits, demonstrators, etc.



## ASTATIC Model N-30 & N-80

A new model with excellent frequency response that makes it highly desirable for use in sound systems. Two models provide a choice of wide-range response for entertainment purposes and voice-range response for lecturers, announcing systems, etc. Swivel joint, tilting head permits adjustment to directional or non-directional positions. Concentric interchange of cables for quickish. 15-ft. cable. Shpg. wt. 5 lbs.

**K13401**-Mod. N-30, Wide-Range. YOUR COST..... **\$10.29**  
**K13413**-Mod. N-80, Voice-Range. YOUR COST..... **\$10.29**



## Model D-104

A favorite for communications use. Has a new type Graphoil crystal element with improved shock mounting. Output -48 db.; response rises gradually from 500 to 4000 c.p.s. Solid bronze case finished bright chrome. With plug and connector for 5/16" .27 thread, spring cable protector and 7 ft. cable. High impedance. Shpg. wt. 2 lbs.

**K13363**-YOUR COST..... **\$13.23**  
**Model GD-104**: D-104 mike on "Grip-to-talk" desk stand described at right. Shpg. wt. 5 lbs. **K13358**-YOUR COST..... **\$16.17**



## Desk Stand

"Grip-to-talk" desk stand has built-in switch to operate relay for "break-in" operation. Fits all Astatic mikes with 3-prong connectors. 8 1/4" upright. Telephone black base. Fine for X'mitters or P.A. systems. Wt. 3 lbs. **K13373**-YOUR COST..... **\$5.88**

## L-1 Lapel Mike

Small watch case model using the dual-diaphragm principle. Bimorph crystal cartridge barometrically compensated shock-proof mounted. Output -62 db. Response: 30-10,000 c.p.s. 1 1/2" diameter. 15-ft. cable. Statuary bronze. **K13429**-**\$14.70** EACH..

## Models WR-20 & WR-40

Dual-diaphragm multi-unit crystal mike. Response: 30 to 10,000 c.p.s. (3 db.). Tilting head for feedback control. Chrome finish. With plug and connector for 5/16" .27 thread stand, spring cable protector and 15-ft. cable. May be used with up to 100-ft. cable. Wt. 3 lbs. **K13790**-YOUR COST..... **\$17.35**  
**WR-40**: Essentially the same as the model WR-20 above but with higher output permitting use of cable lengths up to 200 ft. **K13796**-**WR-40**-YOUR COST..... **\$23.23**

# Known THE WORLD OVER

# ELECTROVOICE MICROPHONES



## Model 612

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. Chrome. **K13787**-**\$16.17** EACH  
**K13788**-Gunmetal **\$14.70**



## Model 630

A popular priced dynamic with excellent characteristics. Pure piston-acting diaphragm to eliminate spurious frequencies. Frequency response 40 to 10,000 cps. Output level: -55 db. Tilt-able. Built-in on-off switch. 20-ft. cable. Shpg. wt. 5 lbs. Chromium. **K13505**-EA. **\$17.64**  
**K13506**-EA. **\$16.17**

## Model V-1

A real high-fidelity velocity microphone. Excellent for P.A., recording, etc. 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. Gun-metal finish. Chrome trim. Built-in x-former. Wt. 6 lbs. **K13722**-**\$16.17** EACH.....



## 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**-**\$11.76** Chrome.....  
**K13786**-Gunmetal. **\$11.17** 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**-**\$14.70** YOUR COST



# 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. 4 lbs. each.

Stock No.	Model	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
<b>Model With Volume Control (2x1x1/4")</b>					
K13690	KKH	40-6000 c.p.s.	-30 db.	25-ft.	10.58
K13691	KKHH	40-9000 c.p.s.	-30 db.	25-ft.	16.46

## 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—push knob up to increase highs—down to increase lows. Range: 40-11,000 c.p.s. Output: -65 db. 25-ft. cable. Chrome. Wt. 8 lbs.  
K13668—RBHK. Hi-Imped.  
K13669—RBMK. 200 ohms.  
YOUR COST..... **\$24.70**

## Standard Models

Similar but range: 60-8000 c.p.s. Output: -68 db. 12-ft. cable.  
K13598—RSHK. Hi-Imped.  
K13599—RBSK. 200 ohms.  
YOUR COST..... **\$18.82**

## Economy Velocity

Amperite quality at a very low price. Excellent response. Output -68 db. Shock absorber, swivel carrying bag. Chrome finish. RAL-200 ohms. RAH-2000 ohms impedance. Wt. 7 lbs.  
K13618—RAL (8' cable).  
K13619—RAH (12' cable).  
EACH..... **\$12.94**

## SR-80 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. Chrome finish. High impedance. Shpg. wt. 10 lbs.  
Model SR-80. **\$39.20**  
K13463.....

**"KF" Foot Vol. Control**  
Provides smooth control of volume by foot action. For any high impedance Kontak mike. Size: 9x2 1/2 x 2 1/2". Supplied with 15-ft. cable. Shpg. wt. 4 lbs.  
K13663—  
YOUR COST **\$7.06**



## Bridge Clamp

For guitars, mandolins and similar instruments. Simplifies installation of Kontak mike on string instruments. Adjustable from 1/16" to 1/4".  
K13686—  
EACH..... **\$9.00**  
Strap for flat top guitars. K13687—EACH..... **\$5.00**

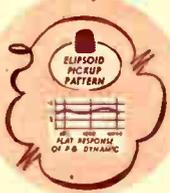


## LGP Input Trans.

Matches 50 or 200 ohms to hi-imp. input. Standard for close talking mikes; Laboratory for voice and music.  
K13608—  
Standard.... **\$3.53**  
K13609—Lab. Std. **\$5.88**

## Replacement Ribbons

For use with Amperite Velocity Microphones RBHK, RBMK, RSHK, RBSK, 2 to a package. K13566—Standard... **.73c**  
K13567—Super... **\$.103**



## "PG" Pressure Gradient Dynamics

Lowest feedback point of any diaphragm type mike. Improved ellipsoid pickup pattern, flat response. Range 40 to 11,000 c.p.s. Output level -56 db. Station-type cable connector, built-in "on-off" switch. With 25-ft. cable. Satin Chromium finish. Shpg. wt. 3 lbs.  
EACH **\$18.82**  
K13610—PGH. High Imped.  
K13613—PGL. 200 ohms  
K13611—PGAH. As above, but 70 to 8000 c.p.s. 12-ft. cable. High imped.  
YOUR COST..... **\$14.70**  
K13607—Plastic Baffle for PG Mikes..... **.88c**

## 7J Lapel Mike

About the size of a small match box. Has neck cord and can be hidden under coat. 2 1/4 x 1 1/4 x 1". Response 60-7500 c.p.s. Output -70 db. 25-ft. cable. Wt. 3 lbs.  
K13615—Hi-Imped.  
K13617—200 ohms.  
EITHER **\$12.94**  
EACH.....

# AMERICAN DYNAMIC MICROPHONES



## 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 value. Shpg. wt. 3 lbs.  
K13486—Hi-Impedance.  
K13487—200 ohms.  
EITHER. EACH... **\$14.55**

## Model D9AT Unidirectional Mike

A pressure-velocity combination microphone with pickup only from the front, broad frequency response and high output plus the usual dynamic microphone qualities of ruggedness, immunity to weather conditions and circuit adaptability. Average output approx. -54 db. Response good to 10,000 c.p.s. Size 7x2 1/2 x 2 1/4" deep. Satin chrome finish. 25-ft. shielded rubber covered cable. Standard 3/8"-27 thread. Equipped with swivel and standard cord connector. Shpg. wt. 4 lbs.  
K13571—Hi-impedance (38,000 ohms).  
K13572—200 ohms impedance.  
EITHER MODEL **\$24.25**  
YOUR COST.....

## Model D220T Wide Range Dynamic

A unique moving-coil dynamic mike with two generators each with a specific frequency response. Combined outputs electrically and acoustically coupled produce an ideal response variable to three positions—high (150 to 10,000 c.p.s.), full (30 to above 10,000 c.p.s.) and low (25 to 5000 c.p.s.). In the "full" position there is a broad crossover (150 to 5000 c.p.s.) between generators. Output level -55 db. Size 5 1/2 x 4 x 2" deep. Finish Brushed chrome. 25-ft. Shpg. wt. 4 lbs.  
K13573—Hi-Impedance (38,000 ohms).  
K13569—200 ohms.  
EITHER MODEL, EACH... **\$38.22**

## Model D4T

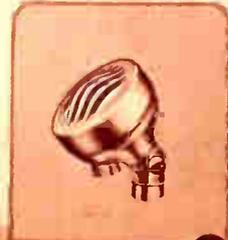
Fine response from 60 to 7500 cycles and a high output of -56 db. (0 db. = 1V/bar) feature this new model D4-T dynamic microphone. Rugged yet light in weight (app. 10 1/2 oz.) 180° vertical angular setting, and positive friction lock at the swivel. Single contact shielded plug. 12 1/2-ft. cable. Wt. 2 lbs.  
K13586—Hi-Impedance (38,000 ohms).  
K13587—200 ohms.  
EITHER. EACH... **\$12.93**

## Model RC Crystal Mike

Low priced high quality crystal mike complete with desk stand. Chrome and walnut finished. 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 hand mike. Can be removed entirely and mike mounted on floor stand. 3/8"-27 thread. Suitable for home recording, PA, etc. With 7-ft. cable. Shpg. wt. 1 1/2 lbs.  
K13477—YOUR COST..... **\$5.85**

## Model C6 Crystal Mike

Has a crystal driving lever twice as efficient 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 fine microphone for all types of applications. Shpg. wt. 2 lbs.  
K13580—With 7-ft. cable. **\$9.70**  
YOUR COST.....



# ASTATIC MICROPHONES



**ASTATIC 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 5/16"-27 thread, spring cable protector and 15-ft. cable. Chrome plated finish with fine mesh screen grille.  
**K13670—Wt. 3 lbs. \$14.70**  
 YOUR COST.....

**Mike and Stand**

**K13525—Model GT-3—T-3 mike as above with Grip-To-Talk Stand. Shpg. wt. 5 lbs. \$17.64**  
 YOUR COST.....



**Model**

Incorporates an "Ebonite" treated sealed Bimorph crystal element in an acoustically designed cartridge case. Output is -52 db. Pleasing bass response with uniform highs. Case 2-5/16" diam., 3" h. 3-1/16" d.

**JT-30-TT**

Unusually attractive it is finished in gray and chrome. Mounted on a combination hand or desk stand with die-cast base and locking wood handle. Excellent for use with home recording outfits, demonstrators, etc.

Model JT-30-TT is especially well suited for use with portable and permanently installed sound systems or with all types of communication equipment. It is an all-purpose mike in every sense of the word. With 15-ft. cable. Shpg. wt. 4 lbs.  
**K13427—YOUR COST COMPLETE..... \$9.11**



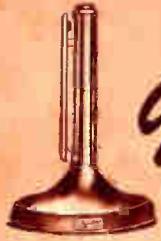
**ASTATIC Model N-30 & N-80**

A new model with excellent frequency response that makes it highly desirable for use in sound systems. Two range response for a choice of wide-purposes and voice-range response for lecturers, announcing systems, etc. Swivel joint, tilting head permits adjustment to directional or non-directional positions. Concentric interchange provides for quickish, 15-ft. cable. Shpg. wt. 5 lbs.  
**K13401—Mod. N-30. Wide-Range. YOUR COST..... \$10.29**  
**K13413—Mod. N-80. Voice-Range. YOUR COST..... \$10.29**



**Model D-104**

A favorite for communications use. Has a new type Graphoil crystal element with improved shock mounting. Output -48 db.; response rises gradually from 500 to 4000 c.p.s. Solid bronze case finished bright chrome. With plug and connector for 5/16"-27 thread, spring cable protector and 7 ft. cable. High impedance. Shpg. wt. 2 lbs.  
**K13363—YOUR COST..... \$13.23**  
**Model GD-104: D-104 mike on "Grip-to-talk" desk stand described at right. Shpg. wt. 5 lbs.**  
**K13358—YOUR COST..... \$16.17**



**Desk Stand**

"Grip-to-talk" desk stand has built-in switch to operate relay for "break-in" operation. Fits all Astatic mikes with 3-prong connectors. 8 1/4" upright. Telephone black base. Fine for X'mitters or P.A. systems. Wt. 3 lbs.  
**K13373—YOUR COST..... \$5.88**

**L-1 Lapel Mike**

Small watch case model using the dual-diaphragm principle. Bimorph crystal cartridge barometrically compensated shock-proof mounted. Output -62 db. Response: 30-10,000 c.p.s. 1 1/2" diameter. 15-ft. cable. Statuary bronze.  
**K13429—\$14.70 EACH..**

**Models WR-20 & WR-40**

Dual-diaphragm multi-unit crystal mike. Response: 30 to 10,000 c.p.s. (3 db.). Tilting head for feedback control. Chrome finish. With plug and connector for 5/16"-27 thread stand, spring cable protector and 15-ft. cable. May be used with up to 100-ft. cable. Wt. 3 lbs.  
**K13790—YOUR COST..... \$17.35**  
**WR-40: Essentially the same as the model WR-20 above but with higher output permitting use of cable lengths up to 200 ft.**  
**K13796—WR-40—YOUR COST..... \$23.23**

*Known*  
**THE WORLD OVER**



# ELECTROVOICE MICROPHONES

**Model 612**

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 gunmetal. 20-ft. cable supplied. Chrome.  
**K13787—\$16.17 EACH**  
**K13788—Gunmetal \$14.70**

**Model 630**

A popular priced dynamic with excellent characteristics. Pure piston-acting diaphragm to eliminate spurious frequencies. Frequency response 40 to 10,000 cps. Output level: -55 db. Tiltable. Built-in on-off switch. 20-ft. cable. Shpg. wt. 5 lbs. Chromium.  
**K13505—EA. \$17.64**  
**Gunmetal. \$16.17**  
**K13506—EA.**

**Model V-1**

A real high-fidelity velocity microphone. Excellent for P.A., recording, etc. 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—\$16.17 EACH.....**

**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—\$11.76**  
 Chrome.....  
**K13786—Gunmetal. \$11.17**  
 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, 9-ft. cable and convenient hanging ring. Finished in gunmetal with chrome trim.  
**K13736—\$14.70**  
 YOUR COST



# MICROPHONES and ACCESSORIES

## AMERICAN AT-2 Carbon Hand Mike

Greatest efficiency in voice range from 200 to 3500 c.p.s. The case fits the hand comfortably and the convenient thumb switch requires only 4 ounces to operate. Case and insulating parts molded from an indestructible plastic. All circuits insulated from the hand. Convenient finger eye provided. Recommended current 15 ma., load 100-150 ohms. With 4-ft. three-conductor rubber covered cable. Natural black finish. Shpg. wt. 2 lbs.



**K13544—Your Cost \$10.58**

## BRUSH Microphones

**BL-1 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. Wt. 2 lbs.

**K13782—Your Cost \$14.70**

**VM-1 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 1/8 x 3/4 x 1/4". Easily attached by means of mounting clamp (furnished) to practically any musical instrument. Soft rubber case. With 25 ft. of cable. Shpg. wt. 2 lbs.

**K13467—Model VM-1. Vibromike—Your Cost \$10.29**

## RCA "Aerocrystal" Microphones

Streamlined crystal mike with fine frequency characteristics. Range 30 to 10,000 c.p.s. Output level -35 db.; load impedance .25 to 3 megs. Ideal for all general crystal mike applications. Supplied with 12-ft. cable. Has 3/8" pipe thread and adaptor for 3/8"-27 fixture thread. Satin chrome front, amber case. Less stand. Shpg. wt. 4 lbs.

**K13545—Model MI-6202—Each \$8.70**  
**Speech Model MI-6202: Like above, for voice frequencies. Range 30 to 6000 c.p.c. \$8.10**  
**K13562—Less stand. Each \$1.73**  
**K13478—Stand only for either above. Each \$1.73**



## TURNER MICROPHONES

### Model 211 "Broadcast" Dynamic

Well suited for commercial broadcasting, for exacting P.A. installations, for Military Area and Defense Plant systems—where intelligibility is essential. Features new type magnetic structure; new acoustic network; new diaphragm structure; acoustically compensated case design. Smoothly adjustable from a horizontal position to a full vertical position for non-directional operation. Frequency range from 30 to 10,000 c.p.s. Output level -56 db. Furnished with 20-ft. heavy duty shielded rubber covered cable with connector. Rich satin chrome finish. Shpg. wt. 3 lbs.



**K13511—High Impedance \$26.46**  
**K13524—200 Ohms Impedance**  
**Your Cost, Either Type**

### Model 999 Dynamic Mike

Fine moving coil type mike with range from 40 to 9000 c.p.s. Withstands climate and temperature changes. Semi or non-directional operation. Adjustable saddle. Voice coil and transformer leads insulated from ground and mike case. With 3-pin polarized locking connector and 20-ft. low capacity cable. Output level -52 db. Finished in fine gunmetal. Ideal for broadcast studios, city police departments, etc., where crisp, clear results are desired. Shpg. wt. 4 lbs.



**K13534—High Impedance \$20.58**  
**K13537—200 Ohms Impedance**  
**Either Type, Your Cost Each**

### "MM" Magnetic Pickup

Gives immense volume from any stringed instrument, without feedback. Novel clamp for fastening to instrument without tools or adhesives. Continuous volume control. High impedance; feeds directly into grid. Rich brown enamel finish. Complete with 20-ft. cable. Shpg. wt. 1 lb.

**K13541—Your Cost Each \$9.70**  
**K13543—As above, without volume control. \$8.53**  
**Your Cost Each**

### Shielded 3 Way Microphone Plug



Barrel is made of nickel plated brass. Fully insulated bushing.

**K13519—5 For \$3.40 \$76c**  
**As above but with bakelite barrel. \$56c**  
**K13521—5 For \$2.52**  
**Your Cost**

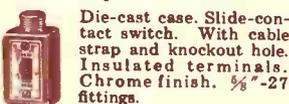
### Shielded 3 Way Jack



Phosphor bronze spring jack. Nickel-plated brass shell.

**K13520—Your Cost \$70c**  
**K13522—Jack, less shell. \$35c**  
**Your Cost**

### Microphone Switch



Die-cast case. Slide-contact switch. With cable strap and knockout hole. Insulated terminals. Chrome finish. 3/8"-27 fittings.

**K11665—Your Cost Each \$1.03**

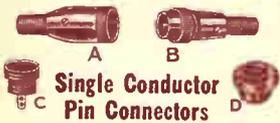
### TRUTEST Two-Button Carbon Microphone

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 \$4.35**

## AMPHENOL Connectors and Plugs



Metal shells are heavily plated. Bakelite elements. Screw type coupling rings lock male and female connectors. Shells may be utilized for second conductor. For cable up to 1/8" dia.

**K13286—Male (B) \$38c Ea.**  
**K13287—Female (A) \$38c Ea.**  
**K13288—Female chassis connector. Mounts in a single 3/8" hole. (C). \$24c**  
**Your Cost Each \$24c**  
**K12574—Female chassis connector with riveting plate. Single 3/8" hole mtg. (D). \$29c**  
**Your Cost Each \$29c**

### Two-Conductor

Like the above, but for 2-conductor cables and twisted pairs. Have two parallel contacts.

**K13289—Female \$47c Ea.**  
**K13290—Male \$47c Ea.**  
**K13292—Female chassis connector. Mounts in a single 3/8" hole. \$27c**  
**Your Cost Each \$27c**  
**K12575—Female chassis connector with riveting plate. Single 3/8" hole mtg. \$32c**  
**Your Cost Each \$32c**



Plated metal shells. Insulation is special tissue base laminated bakelite. Cable shield easily grounded through shell by soldering to cable protector. Accommodate cables up to 1/4" in diameter.

**Type MC1F—Female cord connector. (A). \$29c**  
**K13359—Each \$29c**  
**Type PC1M—Male chassis connector. Same as MC1M, but for chassis mtg. (C). \$18c**  
**K13361—Each \$18c**  
**Type MC1F-A—Right angle female cord connector with spring cord protector. Use with PC1M, SP-PC1M or CL-PC1M. \$35c**  
**K13277 (E)—Each \$35c**

### Single Contact Mike Connectors

Pressure type compact connectors for use with single conductor microphone cable—utilizes shell for second contact. Contact is made when center soldered connections are pressed together by tightening coupling ring.

**Type MC1M—Male cord connector. (B). \$24c**  
**K13360—Each \$24c**  
**Type SP-PC1M—Same as PC1M but with center contact floating on a heavy coil spring. (D). \$24c**  
**K13385—Each \$24c**  
**Type CL-PC1M—Closed circuit chassis connector. Closes circuit automatically when mike is disconnected. (D). \$24c**  
**K13268—Each \$24c**

### Shielded Locking Type Microphone Connectors



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. Interchangeable bakelite elements. Coupled, 2 3/4 x 3/8".

**3-Contact Connectors**  
**K13489—Male (A) \$59c Ea.**  
**K13490—Female (B) \$59c Ea.**  
**K13396—Female chassis type (C). For 1 1/2" hole. \$29c**  
**Your Cost Each \$29c**

**4-Contact Connectors**  
**K13488—Male (A) \$65c Ea.**  
**K13499—Female (B) \$65c Ea.**  
**K13397—Female chassis type (C). For 1 1/2" hole. \$32c**  
**Your Cost Each \$32c**

**Special Chassis Type**  
Female for panels up to 3/4". Male, with ring, for panels up to 3/8" thick. Recessed contacts.

**K13307 3 Pr. Female \$59c**  
**K13308 3 Pr. Male \$59c**  
**K13309 4 Pr. Female \$65c Ea.**  
**K13310 4 Pr. Male \$65c Ea.**

### Phone Plug Adapter



Makes a standard phone plug out of the MC1F cable connector. No soldering or wiring required.

**K13388—MCIP \$26c**  
**Your Cost \$26c**

### Microphone Switch



Attaches between male and female of any of the above connectors. Push-to-talk or slide switch for permanent connection.

**K13357—MCIS \$59c**  
**Your Cost \$59c**

# MICROPHONE STANDS and Accessories

## DeLuxe Banquet Stands



Adjustable. Utilize "pump-action" "sure-grip" automatic friction clutch lock. 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 \$2.25**  
**K13354**—Adjusts from 18 to 33". 7" base. Wt. 8 lbs. **Your Cost \$3.65**

## Standard Banquet Stands

Features same as above, but non-adjustable. All chrome. 8 $\frac{1}{2}$ " high. Heavy base. Wt. 4 lbs. **K13582**—Your Cost **\$1.75**  
**Two-Tone Model.** Same, but black wrinkle finished base. Wt. 4 lbs. **K13583**—Your Cost **\$1.25**

## 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. With cable connector. Wt. 6 lbs. Less Mike. **K13352**—Your Cost **\$2.20**

## Crystal Mike Cable



Flexible stranded tinned copper single conductor; tinned copper braid shield; cotton wrap and lacquered braid, rubber overall. Outside diameter .280". **K20842**—Per Foot **4 $\frac{1}{2}$ c**  
**K16333**—50-Foot Roll **\$2.00**  
**K16334**—100-Foot Roll **4.00**

## Low Impedance Crystal And Velocity Mike Cable



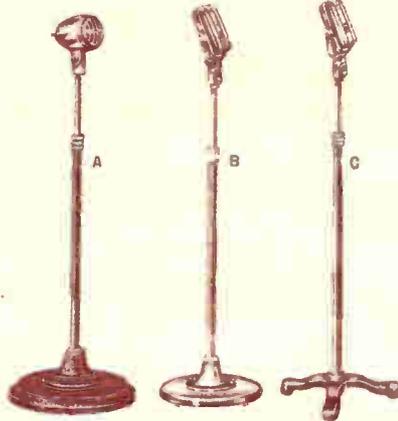
Consists of two conductors, color-coded in a closely woven tinned copper shielding with outer covering of rubber. Abrasion proof. **K16079**—Per Foot **5 $\frac{1}{2}$ c**  
**K16201**—50-Foot Roll **\$2.25**  
**K16202**—100-Foot Roll **4.10**

## 3 and 5 Conductor Shielded Cable



Three color-coded stranded conductors in tightly woven tinned copper shield.  $\frac{1}{8}$ " outer covering of high-percentage rubber. **K16145**—Per Foot **6c**  
**K16206**—50-Foot Roll **\$2.10**  
**K16207**—100-Foot Roll **3.95**  
 Similar to above, but 5-conductor. **K16100**—100-Feet **\$9.00**  
**Your Cost per Foot 10c**

## HIGH QUALITY MICROPHONE FLOOR STANDS



All adjustable smoothly and noiselessly, and provided with wear-ever, sure-grip automatic friction clutch locks for firmly locking the stands at any desired height. The hardened fibre bushing in the clutch is practically indestructible. All have tubing of heavy gauge metal, triple chrome plated. All have  $\frac{3}{4}$ "-27 thread to fit standard mikes. Extend from 35" to 68". Weights shown are net—add 4 lbs. for packing.

## Standard Floor Stands

(A) Has 10" dia. base with gray crackle finish. **K13647**—Net wt. 15 lbs. **Your Cost \$4.45**  
 (B) Has 10" dia. base, chrome finish. **K13528**—Net wt. 15 lbs. **Your Cost \$5.70**  
 (B) Has 12" dia. base with chrome finish. **K13356**—Net wt. 18 lbs. **Your Cost \$7.50**

## Tripod Base Floor Stand

(C) Deluxe stand. Tripod spread 15". **K13355**—Net wt. 11 lbs. **Your Cost \$6.45**

## SHURE Stand Switches



Type A80B: (top). For any mike. Standard  $\frac{5}{8}$ "-27 thread. Unwired. Shpg. wt. 1 lb. **K13639**—Each **\$1.47**



Type A83A: (below). For Shure cable connector mikes. No wiring required. Shpg. wt. 1 lb. **K13594**—Each **\$2.35**

## Reducers and Swivels



Stock No. **K13347**  $\frac{1}{2}$ " pipe  $\frac{3}{4}$ "-27  
**K13351**  $\frac{5}{8}$ "-27  
**K13343**  $\frac{1}{2}$ " pipe  $\frac{3}{4}$ "-27  
**K13345**  $\frac{3}{4}$ "-27  
**K13346**  $\frac{1}{2}$ "-27  
**Your Cost Each, Any Type Above 45c**

## 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 instruction book on how to play over 80 selections. 12 $\frac{1}{2}$ " deep, 8 $\frac{1}{2}$ " wide and 3" high. Shpg. wt. 6 lbs. **K14013**—Each **\$4.50**



## Special W.E. Reducer

Designed for use with Western Electric microphones, models 630A, 633A, 639A; fits them to stands with standard  $\frac{3}{4}$ "-27 thread. Accurately machined and heavily chrome plated. **K13348**—Each **\$8c**

We can supply any mike accessories not shown; prices on demand.

## AMERICAN Carbon Hand Microphones



Model SB: Sensitive single button carbon mike on handle for easy hand operation. Operates in any position. Black crackle finish. Resistance 200 ohms. Shpg. wt. 3 lbs. **K13381**—Each **\$3.23**



Model SB2: Sensitive single button hand mike with slideswitch in handle. Chrome finish. Has convenient hanger on mike casing. Resistance 200 ohms. With cable. Shpg. wt. 3 lbs. **K13384**—Each **\$6.47**

## SHURE Carbon Mikes



Excellent two-button carbon mikes. 200 ohms per button. "Quick-Way" hooks for spring suspension. Rigid cast frames have built-in grille. Shpg. wt. 3 lbs. **K13645**—Mod. 3B. 3" dia. **Your Cost \$3.23**  
**K13593**—Mod. 5B. 3 $\frac{3}{4}$ " dia. **Your Cost \$5.88**

## AMERICAN Carbon Mike



Model EL4, efficient 2-button carbon mike convertible to hand or desk model. Stretched dural diaphragm. Rubber mounted yoke fits  $\frac{3}{4}$ "-27 stands. Shpg. wt. 3 lbs. **K13658**—Mike only. **Your Cost \$4.70**  
**K13659**—Handle only. **Each 88c**  
**K13660**—Base only **59c**

## Economy Floor Stand



Adjustable floor stand at an unusually low price. Has 9" dia. base with grey wrinkle finish. Heavy gauge metal tubing is chrome plated. Extends from 35 to 68". Non-slip friction clutch mechanism is foolproof and efficient. Has  $\frac{3}{4}$ "-27 thread for all standard mikes. Shpg. wt. 10 lbs. Less Mike. **K13629**—Your Cost **\$3.70**

## 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.  $\frac{3}{4}$ "-27 thread on flexible gooseneck. Shpg. wt. 2 lbs. **K13451**—Each **\$1.95**

## Carbon Mike Stand



Has 5 $\frac{1}{4}$ " octagonal ring. 8 springs supplied. Overall height 9". Removable ring. Black enamel wrinkle finish. **K13540**—Wt. 4 lbs. **Your Cost \$1.47**

## De Luxe Banquet Stand

Has as above, but with 6" removable ring. Height 13" overall. Shpg. wt. 5 lbs. **K13542**—Your Cost **\$2.18**

## Microphone Springs



Made of fine tempered steel. **K13402**—Set of 8. **Your Cost 39c**

## Carbon Granules

Extra fine quality—not adulterated. Contains sufficient granules to refill one two-button mike. **K13481**—Each **15c**

## Flexible Goose Neck



Make your own neckstand, desk stand, etc.  $\frac{3}{8}$ "-27 threads on each end.  $\frac{1}{4}$ " dia. **K11663**—12" length. **Your Cost Each \$1.08**

## Mike Cable Clip



Nickel plated brass. Holds cable close to stand. **K11661**—Each **9c**

## MALLORY Pin Plugs



Bakelite insulation, polarized plugs. Positive spring contacts. **K6375**—No. 635. 7-prong male. **K6379**—No. 645. 7-prong female. **Your Cost, Either Type 94c**  
**K6376**—No. 625. 12-prong male. **K6380**—No. 615. 12-prong female. **Either Type, Each \$1.23**

To Speed Handling of YOUR Order -- Use Our Order Blank



# Connectors and Plugs

## Miniature Connectors



Molded bakelite connectors in cadmium plated brass shells. Only 1 1/4" long, 1/4" 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	Cont.	Each
K12700	K12708	3	8c
K12701	K12709	4	8c
K12702	K12710	5	10c
K11542	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	Your Cost	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. Mfg. 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 1/2c
K11513	5 prong	
K11514	6 prong	
K11515	7 prong	
K11516	8 prong	

**Bakelite Speaker Plugs**  
With Sure Grip Handles

No.	Each	Prongs	No.	Each
K11528	24c	4	K11532	18c
K11529		5	K11533	
K11673		6	K11678	
K11674		7 L	K11679	
K11675		7 S	K11680	
K11676		8	K11672	



## "AN" Heavy Duty Connectors

Designed in accordance with U. S. Army-Navy Procurement Specification AN-9354, as most suitable for general radio and P.A. work. All have aluminum alloy shells with light sand blast finish. Insulation is high dielectric black bakelite. Machined threads with Permalub coating prevent binding. Shells are polarized to prevent incorrect insertions. Male and female elements are interchangeable so that male prongs can be kept at dead end of circuit. Contacts are machined from brass bar stock and heavily silver plated, to insure low resistance. Cable clamps have two inner grooves into which cable covering is pressed when side machine screws are tightened; supplied with live rubber gasket backed by a fibre washer. Take cables from 1/8" to 1/2".

### Angle Connectors (A)

Male. Right angle; rear end can be swung through 360°. Use with units having coupling threads.

Stock No.	Con-tacts	For Wire Size	Your Cost
K12550	1	8*	\$5.03
K12551	1	16	4.91
K12552	3	20	5.32
K12553	4	20	5.53
K12554	5	20	5.73

### Chassis Unit (D)

Female. Has square mounting flanges for permanent assembly to chassis with screws or rivets.

Stock No.	Con-tacts	For Wire Size	Your Cost
K12555	1	8*	\$1.50
K12556	1	16	1.38
K12557	3	20	1.79
K12558	4	20	2.00
K12559	5	20	2.20

\* Widely used for connecting antenna feeders.

### Straight Connector With Coupling Ring (B)

Male. Use with connector having coupling threads.

Stock No.	Con-tacts	For Wire Size	Your Cost
K12560	1	8*	\$3.56
K12561	1	16	3.44
K12562	3	20	3.85
K12563	4	20	4.06
K12564	5	20	4.26

### Straight Connector With Coupling Threads (C)

Female. Like above, but with coupling threads.

Stock No.	Con-tacts	For Wire Size	Your Cost
K12565	1	8*	\$3.26
K12566	1	16	3.15
K12567	3	20	3.56
K12568	4	20	3.76
K12569	5	20	3.97

"AN" Connectors are exceptionally easy to wire. Both male prongs and female contacts extend beyond bakelite element and are terminated in a soldering lug. Simply insert wire into lug and touch with soldering iron; lugs are solder coated.



## For Single Conductor Shielded Cable

Like the larger units described above, but with single contact only. Used for connecting shielded rubber cables as used for microphones, for small coaxial cables, open wire antenna feeders, etc. Contacts and prongs are for wire up to #16 stranded. Cable clamp, supplied with rubber gasket and fibre washer, accommodates cables up to 1/4" o.d. Elements are interchangeable.

Angle Connector (A): Male.

With coupling ring. **\$4.47**

K12570—Each

Straight Connector (B): Male.

With coupling ring. **\$2.85**

K12571—Each

Straight Connector (C): Female.

With coupling thread. **\$2.88**

K12572—Each

Chassis Unit (D): Female.

With coupling thread. **\$1.41**

K12573—Each

**JONES No. 141 Terminal Strips**  
1 1/4" wide by 1/2" high. Terminals mounted on 1/4" centers. 3/8" metal to metal spacing over bakelite. Screws are 5/16" x 1/4". Ideal for radio, P.A. and other electrical work.

Stock No.	Terminals	Each
K12539	2	\$0.14
K12540	3	.20
K12541	4	.25
K12542	5	.30
K12543	6	.35

Stock No.	Terminals	Each
K12544	7	\$0.40
K12545	8	.46
K12546	9	.51
K12547	10	.56
K12548	11	.62
K12549	12	.67

## Speaker Plugs

Molded connectors designed to fit the standard tube sockets. Removable caps.

No.	Prongs	Each
K11666	4	12c
K11667	5	
K11668	6	
K11669	7 S	
K11670	7 L	
K11669	7 L	
K11671	8 octal	



## Rubber Capped Male and Female Plugs

Molded rubber. Standard socket arrangement of holes and prongs. Ideal for outdoor use. Prevent broken cables.

No.	Each	Prongs	Female	Each
K11705	18c	4	K11710	35c
K11706		5	K11711	
K11707		6	K11712	
K11708		7 S	K11713	
K11709		7 S		

## Heavy Duty Type Multiple Connectors

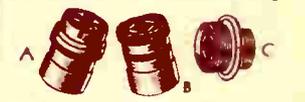


Cadmium finished locking type shells with ring on male plug and matching thread on female connectors. Rubber gasket and cable clamp keep strain off prongs. Coupled connectors 3 1/2" L. by 1 3/4" D. Chassis type req. 1 1/4" hole.

Con-tacts	Male Plug A	Female Conn. B	Chassis Conn. C
4	K13555	K13377	K13274
5	K13554	K13376	K13273
6	K13553	K13375	K13272
8	K13492	K13491	K13269

Any Above Type Your Cost Each **73c**

## Polarized Four-Pole 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 1/2" diam. POLARIZED, with numbered contacts. Fully shielded. Elements are interchangeable. Shell may be used as fifth conductor. K13314—Male (A) ..... \$1.47 K13316—Female (B) ..... 1.47 K13320—Panel receptacle (C) Female. Mounts in 1 1/2" hole. Has thread for male plug ring ..... \$1.47

## 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

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. 1 1/2 x 2 1/2". K11479—Per Pair ..... 15c

## Terminal Boards



Tinned contacts eyeletted on Bakelite strips. 1/2" centers.

No.	Clips	8c	10 For	Pin Plug
K12890	2	8c	\$0.72	Has black insulated handle. K11706—5c K11707—5c K11708—5c K11709—5c K11710—5c K11711—5c K11712—5c K11713—5c
K12891	3	10c	.90	
K12892	4	12c	1.08	
K12893	5	15c	1.35	
K12894	6	17c	1.53	
K12895	7	19c	1.71	
K12896	8	22c	1.98	
K12897	Contacts only.		8c	

# MIKE CONNECTORS, JACKS and PLUGS

## Popular Phone Plugs

 For 1 or 2 phone or speaker cords.  
Molded bakelite shell. 2 3/4" long x 1/4" diam. Screw connections.  
**K14974—Black 27¢**  
**K14971—Red. Each 27¢**  
10 For \$2.40

**Metal Shell Type**  
Same with nicked brass shell 3/4" x 3/4". 10 For \$4.10  
**K14970—Each 46¢**

**"Stubby" Metal Shell**  
As above but with short metal shell. 2 1/4" overall. 10 For \$3.40.  
**K14959—Each 38¢**

**Midget Bakelite Plug**  
Bakelite shell. 2 1/4" overall x 3/8" diameter. Solder lug connections.  
**K14960—Black K14963—Red**  
Your Cost 10 for \$2.40  
**Each 27¢**

**Midget Metal Shell**  
Same with metal shell. 2 1/4" overall x 3/8" diam. 10 for \$2.85  
**K14958. 32¢**

## Locking Type Shielded Telephone Plug

 Cannot be accidentally removed from its jack. With panel receptacle which replaces hex nut of present jack. Nickel finish. 3/4" x 2 1/4" L.  
**K13294—2-Term. (Phone). \$1.03**  
**K13295—3-Term. (Mike). \$1.32**

**Midget Jacks**  
Fibreinsulation. 3/4" mtz. hole.  
**K6548—Closed circuit jack. 14¢**  
**K6549—Open circuit jack. 14¢**  
Your Cost Each  
**K6550—New Imp Short Jack. 3-circuit for 3-way plugs. Ea. 18¢**

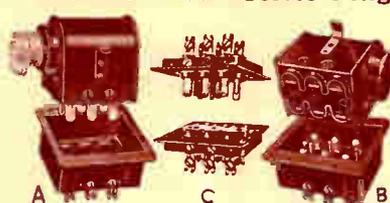
**Dial Plates**  
Fine etched metal black dial plates, calibrated 0-10 in 300°. 2 1/4" high by 1 1/8" wide, with four mounting holes.  
**Plain Record Gain Microphone Tone Master Gain**  
Specify marking desired.  
**K9904—5 For 72c. Each 16¢**

**"Modern" Dial Plate**  
 Silver colored plates with black letters. All 2 1/8" x 2 3/4". Marked: Tone, Gain, Microphone, Increase (no figures, markings only), Volume and Plain (no title, just 1 to 10). Specify marking desired when ordering.  
**K10669—Any Type, Each 21¢**

**Microphone Fittings**  
 Brass, chrome finish. Threaded 3/8" dia.  
**(A) Couples two fittings threaded 3/8" 27¢**  
**(B) Extends two cables with female connectors, taking place of male connector and cable. 38¢**  
**K11770—12¢ Each**  
**K11771—Each 38¢**

**PLEASE NOTE:**  
During the present emergency we must reserve the right to substitute like quality and make price changes without notice, wherever and whenever necessary.

## JONES "500" Series Plugs & Jacks



Designed for 5000 volts and 25 amps. per contact. Contacts are brass and phosphor bronze, silver plated. Long leakage path from terminal to terminal, and terminal to ground. All sizes are polarized so that it is impossible to insert one size plug in another size socket. Metal parts of caps and brackets are steel, parkerized (rust-proofed). Plug and socket blocks are interchangeable in caps and brackets. Deep brackets should always be used when one plug or socket has a cap; shallow bracket types should be used in pairs, both plug and socket.

### "500" Series Plugs

Con-tacts	With Cap (A)		Deep Bracket (B)		Shallow Bracket (C)	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
2	K12730	\$1.18	K12736	\$1.03	K12742	\$1.03
4	K12731	1.68	K12737	1.47	K12743	1.47
6	K12732	2.18	K12738	1.91	K12744	1.91
8	K12733	2.68	K12739	2.35	K12745	2.35
10	K12734	3.18	K12740	2.79	K12746	2.79
12	K12735	3.67	K12741	3.23	K12747	3.23

### "500" Series Sockets

Con-tacts	With Cap (B)		Deep Bracket (A)		Shallow Bracket (C)	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
2	K12712	\$1.18	K12718	\$1.03	K12728	\$1.03
4	K12713	1.68	K12719	1.47	K12729	1.47
6	K12714	2.18	K12721	1.91	K12789	1.91
8	K12715	2.68	K12722	2.35	K12790	2.35
10	K12716	3.18	K12723	2.79	K12791	2.79
12	K12717	3.67	K12724	3.23	K12792	3.23

## Locks for "500" Series Jones Plugs and Jacks

For use in connection with any Deep Bracket and cap combination. The locks hold the units securely together, and can be released instantly. Mounting plates fit all Deep Brackets; fastened by same screws that hold deep brackets to panel. Pairs only.  
**K12793—Per Pair 44¢**

## Jones "300" & "400" Series Plugs & Sockets

Multiple contact plugs and sockets in both "400" series heavy duty (25 ampere) and "300" series 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					TYPE B SOCKETS				
Standard	Duty	Heavy	Duty	Duty	Standard	Duty	Heavy	Duty	Duty
Stock	Your	Con-	Stock	Stock	Stock	Your	Con-	Stock	Your
No.	Cost	tacts	No.	Cost	No.	Cost	tacts	No.	Cost
K12460	22c	2	K12400	42c	K12466	22c	2	K12412	45c
K12461	25c	4	K12401	51c	K12467	26c	4	K12413	57c
K12462	29c	6	K12402	60c	K12468	31c	6	K12414	69c
K12463	32c	8	K12403	69c	K12469	35c	8	K12415	81c
K12464	36c	10	K12404	78c	K12470	40c	10	K12416	93c
K12465	40c	12	K12405	87c	K12471	45c	12	K12417	\$1.05
CHASSIS TYPE PLUG (C)					CHASSIS TYPE SOCKET (D)				
K12472	10c	2	K12426	27c	K12478	10c	2	K12406	30c
K12473	13c	4	K12427	33c	K12479	14c	4	K12407	39c
K12474	16c	6	K12428	39c	K12480	18c	6	K12408	48c
K12475	19c	8	K12429	45c	K12481	22c	8	K12409	57c
K12476	22c	10	K12430	51c	K12482	26c	10	K12410	66c
K12477	25c	12	K12431	57c	K12483	31c	12	K12411	75c

**Flat Plug**  
 Ultra-compact type, for where space is limited. Molded bakelite body. 1 1/8" dia. 1/4" thick.  
**K14964—Each 35¢**

**Extension Cord Connector**  
 Has 2 openings, at either end, for inserting two pin tips. Molded body.  
**K13051—10¢**  
Each 10 For 90c

**Mike or Phono Tip**  
 Single prong shielded plug used extensively for mike or phono pickup and other connections.  
**K11773—Each 5¢**  
10 For 47c

**Mike or Phono Jack**  
 For use with above microphone or phono tip. Mounted on bakelite and metal back.  
**K11774—8¢**  
Each 10 For 72c

## High Volt. Plugs & Jacks

 Heavy duty type, in medium and giant sizes. Handle 1000 volts at 10 amps. For use with high R.F. currents, diathermy work, x'mitters, etc. Insulated threaded heads and handles. Hardware furnished with jacks. Medium jacks for panels up to 3/8" thick; giant jacks for panels up to 1/2" thick.  
**Medium Plugs—2x1/2"x3/8"**  
**K12870—Black & Red 26¢ ea.**  
**K12871—Black 26¢ ea.**  
**Medium Jacks—2x1/2"**  
**K12872—Black & Red 47¢ ea.**  
**K12873—Black 47¢ ea.**  
**Giant Plugs—2x1/2"x3/8"**  
**K12785—Black & Red 35¢ ea.**  
**K12786—Black 35¢ ea.**  
**Giant Jacks—2x1/2"**  
**K12787—Black & Red 56¢ ea.**  
**K12788—Black 56¢ ea.**

## Etched Metal Plates

 Raised letters on a black etched background. All 1 1/2" wide by 3/4" high.  
**With following markings:**  
A.C. Input Monitor  
Amp. Grid Curr. Neut. Cond.  
Amp. Screen Curr. Oscillator  
Antenna Osc. Plate Curr.  
Ant. Feeder Curr. Output  
Buffer Plate Curr. Output Gnd.-Gnd.  
1st Buffer Grid 50 Ohm Output  
1st Buffer Plate 125 Ohm Output  
Filament Voltage 200 Ohm Output  
Fil. 1st ON; 2nd OFF 500 Ohm Output  
Gain Control Plate  
Input Plate Voltage  
50 Ohm Input Plate 2nd ON;  
125 Ohm Input 1st OFF  
200 Ohm Input Power Amp. Grid  
500 Ohm Input Power Amp. Plate  
Key Receive  
Microphone Rectifier  
Modulation Ind. Send  
Modulator Grid Speaker  
Modulator Plate Tritet Oscill.

Specify marking desired.  
**K9898—Any Type, Each 7¢**  
10 For (any selection) 63c

## Portable Speaker Cases For Single Speaker

 To house any dynamic speaker up to 12" in dia. Sturdy plywood case covered with black leatherette. 10" opening; grille cloth protected by wire mesh. Leather handle, metal bumpers. Insert type door back. 14x14x9 1/4". Shpg. wt. 13 lbs.  
**K22061—Your Cost \$3.95**

**Dual Speaker Case**  
 Houses two speakers up to 12" in diameter. Opens into two halves, each serving as an efficient baffle. Sturdy plywood construction, with black leatherette covering. Has leather carrying handle. Metal bumpers top and bottom. Speaker openings in each half have grille cloth and protective wire mesh screens. Plated snap lock fasteners (two each side). Size, closed, 9x14x22 1/4". Shpg. wt. 13 lbs.  
**K22062—Your Cost \$6.45**

# Jensen SPEAKERS

## JENSEN Type "J" Coaxial Hi-Fi Speakers



Efficient dual speaker assemblies with cone type "tweeter" mounted in the cone assembly of the "woofer". Provide true high-fidelity response, and are ideally suited for FM and fine AM receivers, for broadcast and recording monitoring, etc. The 15" models incorporate a built-in two channel network providing high and low-pass channels with attenuation of 10-12 db per octave, also furnished with four-position High Frequency Control Switch on a 36" cable, ("roll-off" control of high range). 12" model has simple bridging type network that affords good wide-range performance; no range control switch with this model. These units can be used with "CA" or "BR" enclosures listed below.

### Model JAP-60. 15" Speaker

Professional type for FM-AM broadcast monitoring, transcription playback, reference standard for laboratories, etc. Range 50 to 12000-15000 c.p.s. Efficiency 3 db higher than other 15" models. Input impedance 500 ohms. Max. input 14-15 watts. Integral two-channel network. With 4-position H.F. control.

**K19007—Shpg. wt. 24 lbs. Your Cost \$41.16**

### Model JHP-52. 15" Speaker

For all general applications such as FM and AM receivers, fine phonographs, broadcast and recording monitoring, etc. Range 50 to 12000-15000 c.p.s. Maximum input 12-14 watts. Input impedance 500 ohms. Integral 2-channel network. With 4-position H.F. control.

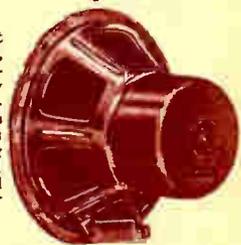
**Shpg. wt. 23 lbs. K19002—Your Cost \$29.11**

### Model JCP-40. 12" Speaker

Excellent modernizing unit to replace 12" speakers in radios and phonograph combinations. Range 50 to 10000-12000 c.p.s. Max. input 8-10 watts. Input impedance 6 ohms. Has simplified bridging type network (no H.F. control)

**K19008—Shpg. wt. 16 lbs. Your Cost \$17.35**

## JENSEN PM & Field Coil Dynamic Concert Speakers



A series of heavy-duty highly efficient speakers for use in all types of radios, phonographs and public address equipment. All are designed so that they may be used in Jensen BASS REFLEX enclosures and cabinets. Field coil models have hum bucking coils. All models less output transformer. A complete listing of suitable transformers will be found below. Frequency response range of all models meets the accepted standard for high fidelity performance.

### Permanent Magnet Types

No.	Model	Size	Watts	V.C.	Shpg. Wt.	Each
K19076	PM8-C	8"	8	6 ohms	4 lbs.	\$6.47
K19088	PM10-C	10"	9	6 ohms	5 lbs.	7.94
K19092	PM12-C	12"	10	6 ohms	7 lbs.	9.11
K19071	PM12-H	12"	12	8 ohms	9 lbs.	13.32

### Field Coil Types

Stock No.	Model	Size	Cap. Watts	Field Ohms	V.C. Imp.	Shpg. Wt.	Your Cost
K19068	A-12	12"	15	860	8 ohms	18 lbs.	\$14.70
K19070	A-12	12"	15	2500	8 ohms	18 lbs.	14.70
K19072	B12-X	12"	14	1250	8 ohms	16 lbs.	12.05
K19074	B12-X	12"	14	2500	8 ohms	16 lbs.	12.05

## 8", 10" and 12" Standard Dynamics Models "C"

High quality dynamics ideally suited for radio receivers, P.A. work, etc. Employ heavy field pots. 1 1/2" voice coils and hum bucking coils. VC impedance 8 ohms at 400 c.p.s. 8" models have power capacity of 6 watts, 10" models—8 watts, 12" models—9 watts. All less output transformers. (See listing below).



Stock No.	Model	Field Res.	Shpg. Wt.	Your Cost
K18988	C8-RS (8")	2500 ohms	6 lbs.	\$6.61
K18990	C10-RS (10")	1250 ohms	7 lbs.	\$6.91
K18991	C10-RS (10")	2500 ohms	9 lbs.	\$7.50
K18992	C12-R (12")	2500 ohms	9 lbs.	\$7.50
K18993	C12-R (12")	1250 ohms	9 lbs.	\$7.50

## JENSEN "CA" Bass Reflex Enclosures



Handsome designed and finished. Constructed throughout of genuine striped walnut. Excellent for Jensen coaxial speakers above, or for high-fidelity radio, phono or Public Address installations. Styled to go with practically any surrounding. Incorporate Bass Reflex principle. Model CA-12: For 12" speakers. Size: 27 1/4" wide, 31 1/2" high, 12" deep. Shpg. wt. 47 lbs. K18945—Your Cost \$27.10

Model CA-15: For 15" speakers. Size: 27 1/4" wide, 31 1/2" high, 14" deep. Shpg. wt. 57 lbs. K18946—Your Cost \$31.90

## JENSEN Model BR 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 1/2" plywood. Finished in double coat of rich brown lacquer. Shipped knocked down, all hardware furnished.

Stock No.	Speakers	For H.	Dimensions W. D.	Wt. Lbs.	Your Cost
K18994	8"	24	17 1/2 x 11 1/4	35	\$11.12
K18995	10"	28	x21 x12 1/4	38	13.82
K18996	12"	30 3/4	x23 3/4 x12 1/4	47	15.58
K18998	15"	33 1/4	x25 x13 1/4	60	18.23

## JENSEN MT8-C High-Fidelity Reproducer

Comprises a high quality 8" PM speaker housed in a BR enclosure (as shown above). Handles 6 watts continuously. Recommended for all applications where substantially flat response is required from about 50 to 10,000 c.p.s. Ideal for broadcast work, auditoriums, for fine radio receivers, etc. Voice coil impedance 6 ohms. Enclosure has Bass Reflex feature; constructed of plywood with brown lacquer finish. Size: 17 1/2 x 24 x 11 1/4". For floor or wall mounting (brackets supplied). Shpg. wt. 40 lbs.

**K18947—Enclosure with 8" PM Speaker. Each \$20.34**  
**K18948—8" PM Speaker only (PM8CT). Your Cost \$7.50**  
**K18949—8" Dynamic (G8RT). 2500 ohm field. Your Cost \$6.47**

### 9-Watt Model MT-12C

Like the above, but for use where greater power handling capacity is required. Has 12" PM speaker and handles 9 watts continuously. In MT-121 enclosure, 30 3/4 x 23 3/4 x 12 1/4". Shpg. wt. 53 lbs.

**K19001—Enclosure with 12" PM Speaker Your Cost Complete \$28.52**  
**K19000—12" PM Speaker only (PM12CT). Your Cost \$10.44**  
**K19006—12" Dynamic (G12RT). 2500 ohm field. Your Cost \$7.35**

### Transformers For Above

**K19177—Matches voice coil to 500 ohm line. Each \$1.47**  
**K19181—Universal Line (500/1000/1500/2000 ohms). Each \$2.44**  
**K19183—Universal Tube (any tube, single or p.p.). Each \$2.44**

## 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
K18956	H4-S	4"	450	\$1.88
K18957	H4-S	4"	3000	1.88
K18958	H5-S	5"	450	1.94
K18959	H5-S	5"	2750	1.94
K18977	H5-S	5"	3000	2.50
K18979	H5-S	5"	6 volt	1.94
K18980	H6-S	6"	2750	
K18981	H6-S	6"	1800 tap- ped at 300	\$2.11
K18982	H6-S	6"	6 volts	
K18983	F8-RS	8"	2500	
K18984	F8-RS	8"	1000	\$2.76
K18959	F8-RS	8"	1800 tap- ped at 300	\$2.76
K18985	G10-RS	10"	2500	\$4.85
K18986	G10-RS	10"	1250	\$6.00
K18928	G12-RS	12"	1250	
K18987	G12-RS	12"	2500	

## 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 6 ohms. Less output transformer.

Stock No.	Model	Your Cost
K18960	PM4-FS, 4"	\$2.03
K18968	PM5-FS, 5"	2.06
K18969	PM6-ES, 6"	2.59
K18970	PM8-DS, 8"	3.70
K18971	PM10-GS, 10"	5.17
K18972	PM12-GS, 12"	6.47

## Universal Output Transformers For Series "S" Speakers

No.	Type	For	Each
K18973	Line PM & H	4, 5, 6, 8	\$5c
K18974	Tube PM & H	4, 5, 6, 8	
K18975	Line PM8 DS, FS		\$1.32
K18976	Tube PM8 DS, FS		1.18

**NOTE: 10" and 12" speakers use transformers listed below.**

## Universal Matching Transformers

Match Jensen speakers to any output tubes, single or push-pull, or to universal line (600, 1000, 1500 and 2000 ohms). Shpg. wt. 4 lbs.

No.	Type	For Speakers	Each
K19022	Univ. Line	PM-8C, PM-10C, PM-12C, G12RS, PM12GS	\$1.82
K19023	Univ. Tube	PM-8C, PM-10C, PM-12C, G12RS, PM12GS	
K19024	Univ. Line	A12, B12X, PM12H	\$2.44
K19025	Univ. Tube	A12, B12X, PM12H	
K18964	Univ. Line	C8-RS, C10-RS, C12-R, PAH-8, FAB-8	\$1.82
K18965	Univ. Tube	C8-RS, C10-RS, C12-R, PAH-8, FAB-8	
K18966	Univ. Line	PM10-GS, G10-RS	\$1.32
K18967	Univ. Tube	PM10-GS, G10-RS	1.18

## JENSEN A.C. Operated Field Supplies

**FS-10:** Supplies 10 watts into 1250 ohm field. With 117Z6GT rectifier. 3 1/2" L., 2 1/4" W., 4" H. Shpg. wt. 3 lbs. **\$2.50**

**FS-11:** Supplies 10 watts each into two 1250 ohm fields in series. With 80 rect. 6" L., 4 1/2" W., 5 1/2" H. Shpg. wt. 6 lbs. **\$6.17**

Replacement Part Headquarters for Dealers and Service Men

# Public Address Horns and Baffles

## ECONOMY All-Steel Parabolic Baffle

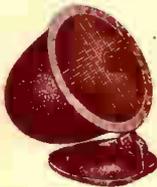


A fine unit at an unusually low price. Highly efficient. Bell is 10" long and has extreme diameter of 17". Speaker housing will take any 12" speaker, with transformer.

Overall length 20". Finished in gray wrinkle lacquer. Complete with hardware and gasket. **Less mounting fixture.** Shpg. wt. 9 lbs.  
**K20054—Your Cost \$7.45**

**Accessories for Above Mounting Fixture:** Shown in illustration. 8" diameter base and 1 1/2" high standard. Black wrinkle lacquer finish. Wt. 6 lbs.  
**K20095—Each \$2.60**  
**Saddle and Swivel:** (shown). Fully adjustable. Less base and pipe standard. Shpg. wt. 4 lbs.  
**K20097—Your Cost \$1.45**  
**Waterproof Cover for baffles.** Shpg. wt. 1 lb.  
**K20087—Each 77c**

## JENSEN "Speech-Master"



**AP-10:** Desk type P M speaker employs Peridynamic principle. For desk or wall mtg. Has "tilt" adjustment and sturdy base. Dust-proof and fully enclosed. Internal bracket for 1/2x1/2" transformer. Height 6 3/4"; dia. 5"; depth 5". With 36" cord. (Gray finish, satin chrome trim. 4 ohm voice coil. Wt. 6 lbs.)  
**K18929—Each \$6.44**

**AP-11:** As above, less base and swivel bracket. Mounts in 4 1/2" cutout. Wt. 4 lbs.  
**K18930—Each \$5.23**

## 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. 13 lbs.



**K20077—Model J-12 \$8.82**  
**Your Cost (less bracket) \$8.82**  
**K20078—Bracket only. Your Cost \$1.47**

## KAINER All-Metal Trumpets

High efficiency reflex projectors that are entirely weather-proof—suitable for all indoor or outdoor installations. All metal construction assures excellent acoustic properties, ruggedness and durability. Beautifully finished in baked on gray art enamel. Have molded rubber rims. Supplied with adjustable mounting fixture. All have threaded attachment for driver units listed below.



Stock No.	Over. Length	Bell Dia.	Acoustic Length	Proj. Angle	Wt. Lbs.	Your Cost
K24012	17"	21"	48"	80°	16	\$13.52
K24013	20"	25"	58"	90°	20	21.75

## 25-Watt Driver Units

Excellently designed PM drivers built with finest materials. Diaphragms are breakdown proof at rated capacity of 25 watts continuous operation. Units are waterproof from all angles. Have heat dissipating voice coils.

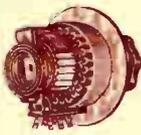


**Standard Model:** Range 70 to 5000 c.p.s. Voice coil imp. 15 ohms. Shpg. wt. 6 lbs.  
**K18943—Your Cost \$19.40**

**Heavy Duty Model:** Range 60-5500 c.p.s.  
**K18944—Shpg. wt. 10 lbs. Your Cost \$31.16**

## IRC 21-Step Attenuators. Type A-21

Utilize a molded motor commutator switch with conducting segments of drawn copper and clock-spring connectors. Exceptionally low noise level. Attenuation from zero to infinity in 21 steps. Has removable cover and calibrated dial. Size: 2x2"; centers 1 1/2" apart. Available in popular ladder or potentiometer network types. Supplied with black molded finger-grip knob.



No.	Ohms	Network	Each	No.	Ohms	Network	Each
K7741	50	Ladder	\$6.86	K7744	500	Ladder	\$6.86
K7742	200	Ladder	6.86	K7745	1/4 Meg.	Potent.	6.62
K7743	250	Ladder	6.86				

## 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. 16 lbs.  
**K20059—Stand Only Your Cost \$7.35**

## Car-Top Horn Carrier



Consists of a waterproof varnished plywood platform with sturdy angle irons secured to four suction cups. Doubly secured by straps that anchor to the drip rail over the doors by means of rubber covered hooks. For all steel carts or for steel tops with fabric center up to 41 1/2" wide. Easy to install. Size: 6x46 1/2". Shpg. wt. 8 lbs.

**K20085—Your Cost \$4.31**  
 As above, but 8" wide.  
**K20028—Each \$4.63**

## Walnut Paging Baffle

**8" Model.** A beautifully polished walnut baffle for deluxe paging systems. Accommodates any standard 8" PM speaker. Has frieze grille cloth. Size: 11" high, 10" wide, 6 1/2" deep at top and 3 1/2" deep at bottom. Complete with hardware. Shpg. wt. 6 lbs.



**K21326—Your Cost \$2.75**  
 During the present emergency, we must reserve the right to substitute like quality and make price changes without notice, wherever and whenever necessary.

## UNIVERSITY IB-8 "Booster" Speaker



Compact intercommunicator "booster" speaker having extremely high projecting power due to very high reflex efficiency. Clear sound output overcomes industrial factory background noises. "Booster" effect of speaker gives same results as added "booster" amplifiers. Impedance 8 ohms; power capacity 12 watts. Bell 7 1/2" dia., depth 7 1/2". With mtg. bracket and rubber rim. Shpg. wt. 4 lbs.

**K19348—Your Cost \$15.52**

**Model CR-4:** Heavy duty model, similar to above, that has a power capacity of 20-watts. Voice coil impedance 8 ohms. Bell 11" dia.; depth 8". Shpg. wt. 8 lbs.  
**K24015—Your Cost \$24.70**

## UNIVERSITY Reflex Projectors With "Rubber Tire" Rims

High efficiency exponential air column type projectors with heavy-gauge all-metal spun horns. Ultra compact and easy to install. Incorporate design features that insure superior acoustic results. Non-resonant rubber rims with each unit. Easily handle 25 watts of audio power. All furnished complete with universal "U" type mounting bracket. Finished in battleship grey. All are 100% waterproof—suitable for outdoor use. Less driver units (listed below).



Stock No.	Model	Bell Dia.	Length In.	C.P.S. Cutoff	Shpg. Wt.	Your Cost
K20049	PH*	21"	16"	140	9 lbs.	\$14.26
K20047	LH**	25"	21"	115	12 lbs.	23.08

\*—Acoustic length 42"; \*\*—acoustic length 54".

## UNIVERSITY 360° Radial Projectors



New type ceiling speakers that combine pleasing appearance and compact construction with the rich tone quality of large, well designed wall type enclosures. "Infinite Baffle" sealed acoustic chamber is responsible for the added bass response afforded; cone is properly loaded. Give uniform coverage in all horizontal directions (360°). Easily mounted; single point suspension. Projection angle is about 15° down for most effective sound placement. Other features: All Metal weatherproof construction; "rubber tire" rims; "floating rubber" cone mounting; back pressure "breathers."

No.	Model	Cone	Diam.	Height	Weight	Each
K24016	RBP8	8"	17"	8"	15 lbs.	\$11.52
K24017	RBP12	12"	26"	10"	27 lbs.	17.29

## UNIVERSITY Driver Units



Built to the highest standards of electrical and mechanical tolerances. All employ Alnico magnets to insure peak efficiency. Other features include: rim centering for perfect alignment and greater efficiency; breakdown proof diaphragm suspension; heat dissipating voice coil; sealed diaphragm construction makes the balance of the unit waterproof. All have standard thread to fit all standard projectors.

Stock No.	Model No.	Cap. Watts	V.C. Imped.	Range C.P.S.	Shpg. Wt.	Your Cost
K21303	MD8	12	8 ohms	—	4 lbs.	\$12.94
K21301	SAH	25	15 ohms	70-5000	6 lbs.	19.40
K21302*	PAH	25	15 ohms	60-5500	12 lbs.	31.16

\*—Heavy duty model; relative acoustic output 93.

To Speed Handling of YOUR Order -- Use Our Order Blank

# Public Address and High Fidelity Speakers

## JENSEN S-81 Peri-Dynamic Projector



All steel projector employs famous Peri-Dynamic principle. Speaker enclosure is sealed to the bulkhead with a neoprene gasket. Entirely weatherproof. Length overall 30", bell dia. 24 1/2". Shpg. wt. 23 lbs. **Less stand, K19045**

**Your Cost \$23.52**

**PAH-8 PM SPEAKER:** Handles 15 to 25 watts. Has heavy magnet, 7" diaphragm and 1 1/2" voice coil. Range 110 to 5600 c.p.s. Especially fine middle register. **Less transformer.** Shpg. wt. 8 lbs. **K19050—Your Cost \$11.76**

**FAB-8 DYNAMIC SPEAKER:** Like above, but field coil type. Field resistance 1250 ohms. Requires 10 watts excitation. **Less transformer.** Shpg. wt. 10 lbs. **K18931—Your Cost \$11.76**

**Projector with PM Speaker.** Less stand. SPH-81. **K19004—Shpg. wt. 30 lbs. Your Cost \$36.75**

**Projector with Dynamic Speaker.** SFB-81. Wt. 32 lbs. **K18932—Less Stand. Your Cost \$36.75**

**K19005—EA-5 Stand only.** Adjustable. Wt. 6 lbs. **Each \$2.94**  
**K19041—Waterproof cover for proj. bell (ST-570).** **Each \$1.18**

## UNIVERSITY "Baby Bull" Projector

A dual-driver 50-watt unit ideal for air raid alarm systems and other National Defense work. Super-power covers long distances and overcomes high background noise. Dual acoustic assembly protected by dust cover, (use drivers listed on page 38). Overall length 27"; bell dia. 31". With universal type "U" bracket. Heavy metal. Shpg. wt. 25 lbs. **K24018—Less driver units**

**Your Cost \$38.07**



## Marine Midget Speaker



Marine type waterproof speaker of reflex design. For installation anywhere, indoors or out. 10 1/2" bell dia.; overall depth 8". Heavy aluminum bell, grey finish. Bullet insert of acoustic material. Powerful 5" PM cone type speaker. 5-watt capacity. 6 ohm voice coil. Shipping wt. 4 lbs. **K20072—Your Cost, Complete \$7.40**

## CINAUDAGRAPH P.A. Speakers

Finest PM speakers available. Feature high power handling capacity, excellent frequency response, high efficiency Fernalic magnets, ribbon wire ACIM voice coils on the larger units, polyfibrous cones. Sturdy metal frames are beautifully finished. All supplied **less output transformer;** suitable tube and line matching transformers listed at right.



Stock No.	Type	Housing Diam.	Normal Watts	Peak Watts	V. C.	V. C.	Wt.	Your Cost
K19379	PM-8-11	8"	8	11	1"	6-8	6	\$ 6.17
K19381	PM-10-12	10 1/2"	9	12	1"	6-8	7	7.35
K19391	PM-12-16	12"	13	16	1 1/2"	6-8	11	13.23
K19382	PM-12-18	12"	15	18	1 1/2"	6-8	12	19.11
K19397	PM-15-18	15"	15	18	1 1/2"	6-8	20	22.04

## CINAUDAGRAPH Linear Standard PM Speakers

High fidelity speakers with curvilinear cones and 6-8 ohm voice coils. Low distortion. Highly efficient Fernalic magnets. **Less transformers.**

No.	Type	Diam.	Watts	Lbs.	Each	No.	Type	Diam.	Watts	Lbs.	Each
K19412	LM-8-8	8	8-10	8	\$ 5.88	K19414	LM12-15	12"	15-20	17	\$20.58
K19413	LM12-13	12	13-18	12	14.70						

## CINAUDAGRAPH "Cinaxial" Dual Speaker

Coaxial type high fidelity "woofer-tweeter" combination designed to give ultra wide-range frequency response. The ensemble comprises a 12" bass speaker and a 5" high frequency speaker complete with its crossover network. Frequency range covers from 40 to 15,000 c.p.s., plus or minus 5 db. Has all the exclusive features of the Linear Standard series (above): special spider, Fernalic magnet structure, curvilinear cones, etc. Input impedance 6-8 ohms. Sturdy metal frame is beautifully finished. Ideal for fine A.M.-F.M. receivers, studio work, etc. Shpg. wt. 20 lbs. **K19420—Your Cost \$27.93**

## CINAUDAGRAPH "Mallard" PM Speakers

Designed originally to meet U. S. Navy specifications for marine units. The "Mallard" speakers are entirely water proof. Ideal for all outdoor installations. Exceptionally rugged, yet have fine frequency range. Overall finish in moisture-impervious paint. Voice coil impedance 6-8 ohms; voice coil diameter 1". All supplied **less transformer** (see list above, at right).

No.	Size	Watts	Shpg. Wt.	Each
K19408	6"	6 (10 peak)	3 1/2 lbs.	\$8.53
K19409	8"	8 (15 peak)	4 lbs.	9.70

## 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.** (See below.)

No.	Model	Normal Watts	Peak Watts	Voice Coil	Magnet	Shpg. Wt.	Each
K19222	P12	10	15	6-8 ohms 1"	12-oz.	7-lbs.	\$5.95
K19227	P12E	13	20	6-8 ohms 1"	20-oz.	9-lbs.	8.43
K19228	P12F	16	24	6-8 ohms 1 1/2"	31-oz.	11-lbs.	9.12
K19224	P12G	18	26	6-8 ohms 1 1/2"	46-oz.	13-lbs.	12.83
K19198	P12GS	20	30	6-8 ohms 1 1/2"	64-oz.	15-lbs.	18.39

## LAFAYETTE 15" Concert Dynamics

**Model 15G:** Highly efficient heavy-duty field coil speaker, ideal for P.A. use. Frequency response essentially flat from 60 to 8000 c.p.s. (with proper baffle). Has 1 1/2" dia. voice coil with 8 ohm impedance. Normal wattage 22, peak 33. Heavy metal frame with metal stand base having a terminal block on the back. **Supplied less transformer** (suitable transformers listed below). Shpg. wt. each 21 lbs.



Stock No.	Field Res.	Your Cost
K19309	2500 ohms	\$12.17
K19310	5000 ohms	

## LAFAYETTE 12" Concert Dynamic

**Model 12F:** Similar to above, but without the metal stand base. Capacity 12 watts normal, 18 peak. 1 1/4" voice coil dia. **Less transformer.** Field resistance 2500 ohms. **K19214—Shpg. wt. 11 lbs. Your Cost \$6.99**

## Universal Line and Tube Transformers

For use with all Lafayette and other speakers on this page. Universal tube type matches voice coil to any tube, single or p.p.; universal line type match voice coil to 500, 1000, 1500 or 2000 ohm line. Average shpg. wt. each 2 lbs.

For Speaker	Un. Line	Un. Tube	Each
P12, P12E, 10AC12, 12AC12, 12AC20	K19190	K19194	\$1.05
12F, 12FB, P12F, P12G, 12AC40	K19191	K19195	1.37
P12GS, 12AC75, 15G	K19192	K19196	1.66
Heavy Duty, 15"	K19193	K19197	1.66

## LAFAYETTE Fabrikoid Wall Baffles

Efficient enclosed speaker baffles that have correctly angled front faces to provide coverage over a wide area. Can also be placed on the floor or stage to direct sound up. (Grille bars on 10" and 12" models, only). **STANDARD:** made of hardwood with brown leatherette covering; **DE LUXE:** selected hardwood veneers with covering of Spanish grain brown leatherette and with inner lining of sound-absorbing material which reduces baffle resonance and feedback.

STANDARD MODELS (Left)				DELUXE MODELS (Right)			
No. Speak.	Average Shpg.	Wt. 8 Lbs.	Each	No. Speak.	Average Shpg.	Wt. 12 Lbs.	Each
K20060	6"	8 1/2 x 7 1/2 x 4 1/2"	\$1.45	K20042*	8"	10 1/2 x 9 x 6 1/2"	\$1.95
K20063	8"	10 1/2 x 9 x 6 1/2"	1.90	K20055*	10"	14 x 12 x 8 1/2"	2.95
K20064	10"	14 x 12 x 8 1/2"	2.20	K20056*	12"	15 x 14 x 10"	3.75
K20066	12"	15 x 14 x 10"	2.65				

**NOTE:** The Lafayette speakers listed above are built by large manufacturers to LAFAYETTE'S exact specifications.

## UTAH 15" Permo-Dynamic Speakers



High fidelity PM speakers designed for use in large P. A. installations, in theatres, etc., where great power handling capacity and wide-range response are required. Features include: giant magnets of latest type alloys; 2" diameter voice coils with 8 ohms impedance; coils treated with special plastic cement so as to be unaffected by heat and humidity; voice coil suspension of special celanese cloth—dustproof and highly efficient at low frequencies; cones treated to make them impervious to high humidity. Heavy metal stand has mounting bracket on back. Supplied less transformer (suitable transformers listed above).

No.	Magnet	Watts	Shpg. Wt.	Each
K19358	15 lbs.	27 Normal, 40 Peak	32 lbs.	\$46.74
K19364	23 lbs.	30 Normal, 43 Peak	40 lbs.	61.35



## POPULAR EXACT DUPLICATE REPLACEMENT SPEAKER CONES

Seamless one piece cones that duplicate the original units. Feature enduring, non-resonant quality. Voice coils are accurately wound and firmly attached to cones. Only popular numbers are listed below; we can supply on order any cone not shown below—give make and model of receiver, or send in your old cone with voice coil and spider attached.

No.	Description	Dia.	Each	No.	Description	Dia.	Each
K19525	Admiral 5X, 6M, 6B, 6A, SA, A1, A2, A3	6 1/2"	\$0.88	K19578	Jensen T3	5"	\$0.73
K19553	Airline 62-518	5"	.73	K19576	Jensen F6R	6 1/2"	.88
K19558	Airline 62-173, 62-175	6 1/2"	.88	K19607	Jensen PM6GS	6 1/2"	.88
K19558	Arvin 20A, 25, 29, 15	6 1/2"	.88	K19612	Jensen G 8R, PM 8C (2 1/2" holes diam.)	8"	1.32
K19501	Atwater-Kent No. 15142, 55, etc.	10 1/2"	1.32	K19701	Jensen PM12C	12"	1.71
K19782	Atwater-Kent No. 14374	10 1/2"	1.32	K19613	Jensen PM12B	12"	1.71
K19507	A-K Part No. 26249-711, 112, 511, 810	10 1/2"	1.32	K19519	Jensen D7, D8	11 1/2"	1.71
K19576	Belmont 777 (Jensen F6R)	6 1/2"	.88	K19641	Jensen A12	12"	1.71
K19558	Belmont 667, 740	6 1/2"	.88	K19615	Magnavox 132, 162 used in Zenith 862, 1162, 811, 812	12"	1.71
K19558	Chevrolet 985252	6 1/2"	.88	K19626	Majestic G10B, G10C	7 1/2"	1.18
K19689	Chevrolet 985301 (Rola)	6 1/2"	1.32	K19530	Majestic G1	9"	.97
K19553	Crosley A157, 517, 547, 5517	5"	.73	K19531	Majestic G2	9"	.97
K19513	Crosley 159, 634, 656, 716, 5V1, 6H3, 525, 168, 555, 555J	6 1/2"	.88	K19532	Majestic G3	10"	1.32
K19553	Delco R663	5"	.73	K19533	Majestic G5	12"	1.71
K19563	Emerson AX211, 4X6-324	4"	.59	K19576	Motorola 75 (Jen. F6R)	6 1/2"	.88
K19606	Emerson CT275, 6JS, 368U	4"	.59	K19558	Operadio 1866, 222, 219	6 1/2"	.88
K19543	Emerson A130, A132, A148, 149	5 1/2"	.73	K19669	Oxford 5A (2 pt. spider)	5"	.73
K19697	G.E. A59, E62, A69, U70	6 1/2"	.59	K19689	Pontiac 983526	8"	1.32
K19560	G.E. A62, A55, A64, A65, A70, A83	8"	.73	K19687	Rola DP4	5"	.73
K19544	G.E. E Series, 79, 81, 105 12	8"	1.18	K19589	Rola F4	5"	.73
K19548	Grundew 650, 651, 661, 670, 750, 8A3, 8A4, 8C4, used in Chevrolet 600565, 600249, 985300	8 1/2"	1.32	K19640	Rola F5	6 1/2"	.88
				K19648	Rola F6, F8	7 1/2"	1.18
				K19689	Rola K8	8"	1.32
				K19588	Rola G12	12"	1.71
				K19558	Sentinel 72A, 72AE, 600	6 1/2"	.88
				K19576	Sparton 537, 547, 518	6 1/2"	.88
				K19553	Utah CV27, 5B6, GU16	5"	.73
				K19558	Wells Gardner 6D, 7J	6 1/2"	.88
				K19571	Victor R32, RE45, etc.	9"	.95
				K19558	Zenith Pt. 49-81, 808, 805	6 1/2"	.88
				K19576	Zenith 5S127 (Jensen)	6 1/2"	.88
				K19574	Zenith Pt. 49-27, 50, 62, 70	12 1/2"	1.62

### Genuine RCA-VICTOR Cones

Stock No.	For Models	RCA Part No.	Dia. In.	Your Cost Each
K19406	R28, R28P, RE40, R22, 100, 101, 110, 111	8987	5"	59c
K19410	R37, 38, 37P, 38P, 112, 120, 121, 122, 142B, 241B, 310	9428	6 1/2"	59c
K19496	SWA3, R24, R71, R71B	8921	7 1/2"	70c
K19405	R32, 52, RE45, RE75	10801	9"	\$1.39
K19210	100A, B, 103 (mag.)	8359	9"	59c
K19404	R6, 7, 8, 9, 10, 11, 12, RE18, RE19, 14, 15, 17, 21, 42, 48	8601	10 1/2"	\$1.41
K19403	34, 35, 39, 50, 55, 59, 80, 82, 86, RE20	8558	10 1/2"	\$1.18
K19495	C11-1, C13-2, C15-3	8056	12"	92c

### Cones for PHILCO Sets

Stock No.	For Models	Philco Part No.	Dia. In.	Your Cost Each
K19500	TH-4	36-1469	4"	53c
K19682	54, 57	36-3029	5 1/2"	59c
K19552	5, 5T (auto)	02861	5 1/2"	59c
K19682	37-600, 37-602, 37-604	36-3029	5 1/2"	59c
K19515	38-12 Code 121 (Runs 1-5)	45-1344	5 1/2"	59c
K19543	38-12 Code 121, (Runs 1-5)	36-3981	5 1/2"	73c
K19703	816, FT9	5"	59c	
K19516	1708, F1740	6 1/2"	65c	
K19681	34B, L	36-3157	7 1/2"	59c
K19528	37-38B, F	36-3540	7 1/2"	59c
K19671	6, 7, 8, 9, 10 (Auto)	36-3159	7 1/2"	59c
K19547	20, 21	36-3824	8 1/2"	73c
K19400	40, 41, 65	36-3170	10 1/2"	82c
K19529	16B	02625	10 1/2"	82c

### Midget Speaker Field Coils

Fit most midget 5" and 6" speakers. Impregnated. Approx. size: 1 1/4" x 3/4" x 1/4" hole.  
 K19477—1000 ohms **55c**  
 K19478—1500 ohms **55c**  
 K19479—2500 ohms  
 K19480—3000 ohms



### 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
K19447	Majestic G2	2730	\$3.47
K19657	Majestic G4, G5	7650	3.47
K19678	Majestic G3	2730	3.47
K19458	Philco 20, 21 (2768)	3100	1.30
K19456	Philco 65, 76, 77, 86, 87, 95, 96, 111 (2850)	3200	2.92
K19486	Victor R-32, 45, 75	3000	3.07

### CONE CENTERING SHIMS

Flexible celluloid shims that will last. Sixteen shims in a handy leatherette folder. Contains four each of the following sizes: .0125", .010", .0075" and .005". Take care of all speakers.

**K19649—Your Cost, Kit of 16.....35c**



### Cement Kit

An efficient radio repair cement kit for speaker cones; voice coils, r.f. coils and chokes. One bottle of all purpose cement, and one bottle of thinner. Complete with brush.

**K19499—Your Cost.....36c**

### 3/4" Celotex Speaker Baffles



Fine grade, 3/4" thick. Five sizes supplied; specify hole size desired when ordering. Shpg. wt. 2 lbs. per sq. ft.

No.	Size	Hole	Each
K19714	12x12"	5, 7 or 9"	\$0.35
K19715	18x18"	7 or 9"	.70
K19716	24x24"	7 or 9"	1.10
K19717	36x36"	9 or 12"	2.15
K19718	48x48"	None	4.50

### Speaker Grille Cloth

Approx. 12x12"

**K19605—Each.....19c**

10 Pieces For.....\$1.75

Grille cloth 50" wide, cut to your specified length.

**K20949—Your Cost, Per Yard.....\$1.15**



### 4-Wire Speaker Cable

Heavy rubber covering; hemp filler. Color coded. Wt. 6 lbs. per 50 ft. 100 Ft. for \$4.50. **K16154—Per Foot.....5c**

### 2-Wire Cable

For permanent installations. Live rubber covering. Ridged for easy separation of conductors. In Black, Ivory or Brown. Specify color desired when ordering.

<b>K20920</b>	Per Foot.....	2c
	100 Ft.....	\$1.75
	500 Ft.....	\$7.85

### 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 e.t. Your Cost

K9004	500M	<b>\$1.18</b>
K9005	1 Meg.	

#### Gain Control

Like above but without center tap. Stock No. Resistance Each

K9000	250M	<b>\$1.03</b>
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	

### CLAROSTAT 10-Watt Output Attenuators



Type CIB: Compact constant impedance attenuators that will dissipate 10 watts in any position. Ideal for individual speaker controls. Linear attenuation in 3 db steps to 30 db, final step to infinity. Units are 2" dia., 2 1/4" long. Mount in single hole. Bushing 3/8"; shaft 1" long. Supplied with dial plate and knob. Shpg. wt. 1 lb.

No.	Ohms	No.	Ohms	No.	Ohms	Any Type, Each
K7837	8	K7839	50	K7841	250	<b>\$6.37</b>
K7838	15	K7840	200	K7842	500	



For controlling level of low imp. audio circuits, mikes or phono, etc. With knob, dial and plate.

### Mallory "T" & "L" Pads

No.	Ohms Imp.	No.	Ohms Imp.
K6356	6	K6362	6
K6357	8	K6363	8
K6358	15	K6364	15
K6359	50	K6365	50
K6361	200	K6366	200
K6360	250	K6367	250
K6361	500	K6368	500
K6361	2000	K6368	2000

"L" Pads: Any Type Above.....**\$2.06**  
 "T" Pads: Any Type Above.....**\$2.94**

### UTAH "T" & "L" Pads



The open frame type mounts in a single 1/2" hole. Dimensions 2 1/4" diameter, 3/8" deep. Enclosed dual frame type, 1 1/4" 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, Any Above Type.....**\$1.47**

#### 15 Watt "L"—10 Watt "T" (B)

Imped. 15W.—"L"	10W.—"T"	Stock No.	Stock No.
Ohms	Ohms	K6567	K6571
8	8	K6568	K6572
16	16	K6394	K6396
50	50	K6395	K6397
200	200	K6569	K6573
500	500	K6570	K6574
1000	1000	Any Type	Any Type
Each	Each	\$1.91	\$2.20

# Quality SPEAKERS for Every Requirement

## LAFAYETTE PM SPEAKERS



High quality permanent magnet all-purpose speakers. Each matches in sensitivity a comparable field coil type. Have high permeability magnets; one piece seamless cones; plated metal frames. Voice coil impedance 6-8 ohms. All supplied less output transformer.

Stock No.	Diameter	V.C. Dia.	Wattage Nor.-Peak	Depth In.	Shpg. Wt.	Your Cost
K19268	8 1/2"	5 3/8"	2 1/2	4	2 1/2 lbs.	\$1.98
K19269	5"	3 3/8"	3	4 1/2	3 lbs.	2.04
K19270	6"	3 3/8"	4	6	3 lbs.	2.51
K19271	8"	3 3/8"	5	8	4 lbs.	3.04
K19290	10"	1"	8	6 1/2	6 lbs.	4.90
K19272	12"	1"	9	6"	7 lbs.	5.95

### Universal Tube Transformers for Above

K19273—For 3 1/2", 5" and 6" models.	Your Cost	79c
K5667—For 8" model.	Your Cost	79c
K1535—For 10" and 12" models.	Your Cost	\$1.06

## 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	\$6.22
K19317	10"	11	17	6	7.28
K19318	12"	18	20	7	8.47

K19194—Universal Tube Transformer	Each	
K19190—Univ. Line Trans. (500/1000/1500/2000 ohms)		\$1.05

Due to present market conditions we are unable to determine at this time future availability of the PM type speakers listed in this catalog. As a satisfactory substitute we suggest the following speakers with "AC excited" type fields.

## LAFAYETTE "A.C.—Excited" Speakers



High quality speakers with fields especially designed for operation from a standard field exciter such as the one listed below. Voice coil impedance of all models is 6-8 ohms. Supplied less transformer and field exciter (suitable transformers listed on page 39).

No.	Model	Dia.	Field	Wt.	Each
K18936	AC1012	10"	1950 ohms	7 lbs.	\$3.49
K18935	AC1212	12"	1950 ohms	7 lbs.	4.10
K18900	AC1220	12"	2000 ohms	9 lbs.	5.29
K18934	AC1240	12"	1500 ohms	13 lbs.	6.61
K18933	AC1275	12"	1240 ohms	15 lbs.	10.19

Power capacity, 12" models: 10, 13, 16, 21 watts.

### A.C. Field Exciter

Humless supply, operates from any 110/120 volt, 50/60 cycle AC line. Uses type 11726GT rectifier (supplied). Mounts directly on speaker frame. Delivers 14.4 watts into 1000 ohms; 9.2 watts into 2000 ohms; 8 watts into 2500 ohms. Wt. 2 lbs.  
K18901—With tube. Your Cost \$3.45

## LAFAYETTE DYNAMIC SPEAKERS



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, varying from 100 to 4500 c.p.s. Formed one-piece cones. Models with universal tube matching transformers will match any single or push-pull output tubes. Connection chart included.

### 3 1/2" and 4" Diameter Models

For call systems, hearing aids and midget radios. Less transformer. Shpg. wt. 3 lbs.  
3 1/2" No. 4" No. Field  
K19279 K19115 450 ohms \$1.39  
K19265 K19116 2750 ohms  
K19273—Universal tube matching transformer for any of the above models .79

### 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. \$1.39  
Your Cost, Each .79

### 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 \$4.9c

### 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) \$2.31  
K19165 1000 ohms  
K19169 1800 ohms tapped at 300  
K19166 2500 ohms

### 8" Diameter Models

All equipped with universal tube matching transformers. Shpg. wt. each 6 lbs.  
Stock No. Field Resistance Each  
K19307 1000 ohms \$3.20  
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 \$4.36  
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 \$5.10  
K19295 2500 ohms

## Magnetic Speakers



Extra sensitive speakers with balanced armatures. Adjustments are maintained indefinitely. Have plated metal frames. Solder lug terminals. Wt. 3 lbs.

Stock No.	Diam.	Each
K19121	3"	\$1.20
K19230	5"	1.28
K19199	6"	1.56
K19119	8 1/2"	1.99

## Special 3 1/2" Magnetic



Balanced armature type, similar to those listed above, but especially designed for inter-communicator systems, etc. Has 3 1/2" square mounting flange. Mounting holes on 2 3/4" center. Wt. 1 1/2 lbs.

K19117—Each \$1.25

During the present emergency, we must reserve the right to substitute like quality or to make price changes without notice whenever necessary.

## LAFAYETTE Dynamic Auto Speakers



High quality speakers that are exact replacements for over 90% of the units in use today. Feature excellent quality of reproduction and correct design. All have 3 ohm voice coils and 4 ohm fields. Supplied less transformer and mounting bracket; all have pin-jack terminals. One side of field grounded to frame. Models marked with asterisk (\*) are also drilled and tapped for 1/4" No. 20 mtg. bolt.

No.	Dia.	Type	Wt.	Each	No.	Dia.	Type	Wt.	Each
K18941	5"	A	3 lbs.	\$1.80	K18938*	7 1/2"	A	6 lbs.	\$3.04
K18940	6 1/2"	A	4 lbs.	2.31	K18937*	7 1/2"	B	6 lbs.	3.04
K18939	7"	B	5 lbs.	2.91					

## UTAH 15" Dual Speaker Combination

New Duotone speaker comprises a 15" field coil type "woofer" (AC excited) and a small PM "tweeter" speaker with 20-ounce magnet mounted in the cone of the larger unit. Overall range is essentially flat from 40 to 15,000 c.p.s., providing the extreme highs and lows and a brilliant middle register. Ideal for use in high fidelity radio and public address equipment such as Frequency Modulation receivers, sound picture equipment, etc. Furnished complete with a network filter and an autotransformer to couple from one to four speakers to a 500 ohm line. Power Handling capacity rated at 22 watts normal and 33 watts peak. Shpg. wt. 20 lbs. Less field exciter. \$26.17  
K18942—Your Cost

Utah A.C. Field Exciter (for above): Humless operation at 117 volts, 60 cycles input. Max. output 12 watts at 105 ma. Includes ballast and plug. Less cord and 50Y6GT rectifier. Wt. 3 lbs. \$2.79  
K18903—Less rect. tube. Your Cost

## Midget PM Speakers

Compact, light-weight speakers that employ efficient permanent magnets. Ideal for call and paging systems, hearing aids, intercommunicators, etc. 2 1/2" model has 4 ohm voice coil, all others 3 ohms, 5" model has round frame, others square. Less transformer. Shpg. wt. each 1 1/2 lbs.

No.	Dia.	Watts	Each
K19155	2 1/2"	1	\$1.24
K19123	3 1/2"	2	1.32
K19132	3 1/2"	3	1.40
K19111	4"	2	1.32
K19112	4"	3	1.59
K19113	5"	2	1.40
K19114	5"	3	1.59

## Universal Outputs

Popular strap mtg units that practically match any tubes, single or push-pull, to any standard voice coil. Hook up instructions supplied. Three sizes: small for speakers from 3 1/2" to 6"; medium for 6" to 8"; large for 8" to 12".

No.	H. x L. x Wt.	Ctrs.	Each
K19273	1 1/2 x 1 1/2 x 1 1/2"	2"	\$0.79
K5667	1 3/4 x 1 3/4 x 1 3/4"	2 1/4"	.79
K1535	1 1/2 x 2 1/4 x 1 1/4"	2 1/4"	1.06

We Will Not Knowingly Be Undersold

# TUBE and SET TESTERS

## HICKOK Tube and Set Tester



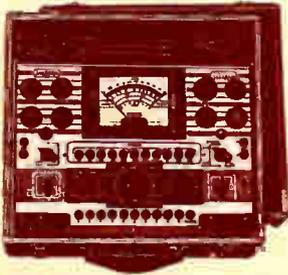
**Model 510X Tube and Set Tester.** Complete servicing outfit incorporating a true Dynamic Mutual Conductance Tube Tester with ranges: 0/3000/6000/15000 micromhos, and a Set Analyzer. Checks tubes with filament voltages from 1.4 to 117 V. Checks ballast and pilot lamps. Set Tester

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 14x13½x6". Shpg. wt. 24 lbs.

K21638—  
Your Cost

**\$71.74**

## JACKSON Model 637 Dynamic Set Tester



- Push-Button Range Selection
- 27 Different Ranges
- 6" Illuminated Meter with 2% Accuracy

A complete servicing instrument for bench or portable use. Combines 27 ranges and 10 functions. Tubes are tested under normal working conditions by the "Dynamic" method. All filament voltages from ¼ to 115 volts are available and provision for testing all ballasts. Sensitive neon leakage test can also be used to check condensers. Ranges are: A.C. and D.C. volts 0/10/100/250/500/1000/2500; output meter from minus 10 to plus 54 db; D.C. Current 0/1/10/100/250 ma., 0/10 amps.; resistance 0/3000/300,000 ohms, 0/30 megohms. All range selection is made by sure action push-buttons. Illuminated 6" meter accurate to within 2%. In oak case 14½x13½x6". With self-contained ohmmeter battery and probes. Shpg. wt. 18 lbs.

K22440—Your Cost

**\$60.27**

## SUPREME Model 599-P Tube-Battery-Set Tester



This instrument has all the foolproof tube checker circuits and all the features necessary for efficient tube checking. 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: 11¼x9¼x5¼". Shpg. wt. 12 lbs.

K21754—Your Cost

**\$48.95**

## TRIPLETT Model 1183 Combination Tester



Has 4" Triplett "Red Dot" lifetime guaranteed meter. Tests all tubes, including loktals, Bantams and miniatures. Free point tester makes all voltage and current tests at tube sockets without disconnecting any leads. 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. In portable metal case with snap-on cover. 14½x7½x4¼". Shpg. wt. 21 lbs.

K21747—Your Cost

**\$53.74**

**NOTE: Our stock of test instruments is unusually large even in these times. Try us first for whatever meter you need.**

## RADIO CITY PRODUCTS

### 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 fine 4½" D'Arsonval type meter with an accuracy of 2%. Tests all present day tubes including the new miniatures, ballasts, etc. Has a fine 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 megs. in AC operated. Decibel ranges: -8 to +55 db. Four output meter ranges same as AC volts. Case 12x12½x6". Shpg. wt. 13 lbs.

K21641—Model 802—In portable slip-hinge case. For 105-135 V. 50/60 cycles AC.

Your Cost

**\$33.27**

K21642—Model 802-A—As above but with Model 506 plug-in analyzer unit built into the cover to permit all measurements to be made directly at tube socket terminals. Shpg. wt. 14 lbs.

Your Cost

**\$46.99**

## ROLINDEX Model 803A Tube and Set Tester



This instrument combines the Model 802A, described above, with the Rolindex chart and the 506 plug-in analyzer in one compact case. All tube data conveniently at hand by merely turning a dial. All voltage and current measurements can be made directly at tube socket. A

tube listing service and one new additional tube chart will be supplied FREE up to October 1st, 1942 to all registered owners. Size: 14½x13x16". Shpg. wt. 15 lbs.

K21778—Your Cost

**\$52.87**

### Without Analyzer

MODEL 803—Tube and Set Tester. Same as 803A above but less Analyzer Unit. Shpg. wt. 13 lbs.

K21777—

**\$39.15**

## PRECISION Tube and Set Testers



**Model 920P Electronometer** Incorporates a Combination Dynamic Mutual Conductance Tube Tester and 33 Range Rotary Selective AC-DC Multi-Range Set Tester.

Tests tubes with filaments from 1.4 to 120 volts, including all latest types. 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. Tests all batteries from 1½ to 135 V. under normal load. Employs large 4½" square meter. In hardwood case with cover finished in walnut. Dim. 12x13x6". With instructions. Shpg. wt. 20 lbs.

K21700—Your Cost

**\$64.63**

As above but in metal case with cover. Black finish. Dim. 12x10½x6". Shpg. wt. 20 lbs. Type 920 MCP.

K21701—Your Cost

**\$60.31**

## SUPREME 504A Tube, Battery and Set Tester



Deluxe High Speed Checker for all tubes. Tests all 4, 5, 6, 7, 8 prongers, loktals, Bantams, midgets, 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 .75 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 lay-out. 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. Built-in battery tester checks batteries under normal load conditions. Electrolytic condenser leakage test. Noise test provides jack for external connection of phones for audible detection of noise or leakage between elements. 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, 14½x12½x6". Large tool compartment. With instructions. Shpg. wt. 20 lbs.

K21678—Your Cost

**\$81.83**

# TUBE and SET TESTERS

## 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.



**K21530**—Portable Model. Grey leatherette case with hinged cover, 14x12x5 1/2". Wt. 16 lbs. **Your Cost** ..... **\$40.67**  
**K21526**—Bench Model (shown). Steel cabinet, 13x9 1/2 x 5 1/2". Two-tone grey. **Your Cost** ..... **\$36.21**  
 Shpg. wt. 14 lbs.

## RADIO CITY Model 309-P Tube Tester

Tests all the NEW MINIATURE TUBES and other new and old types. Also tests ballast tubes, pilot lights, etc. All filament voltages up to full line voltage. Spare socket provides for future tubes. Employs famous DYNOPTIMUM test circuit that makes all tests at RMA

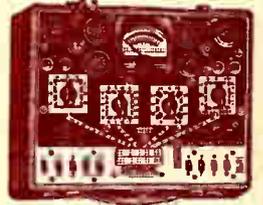


specified plate voltages and loads. Hot cathode leakage test. Hot interelement short and leakage test between all elements. Individual tests of each section of full wave rectifiers, duodiodes, etc. Noise and hum tests. Continuously variable adjustment for line voltages from 105 to 135 volts. Line voltage indicated on D'Arsonval meter. For 105-135 V. 50/60 cycles AC.

**MODEL 309-P**—In combination portable counter type case as shown. Size: 12x8 1/2 x 7". Shpg. wt. 11 lbs. **Your Cost** ..... **\$21.02**  
**K21644**—Your Cost ..... **\$21.02**  
**MODEL 309-C**—Same in counter-style case. 12x9x5". Shpg. wt. 10 lbs. **Your Cost** ..... **\$18.57**  
**K21643**—Your Cost

## 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 interelement leakage and shorts. Tests for internal opens. Phone jack for noise test. All filament voltages from .75 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 1/2 x 9 1/2 x 5 1/2"; slip-hinge cover. With instructions. Shpg. wt. 11 lbs. **Your Cost** ..... **\$37.73**  
**K21753**—Your Cost



## WESTON 777 Tube and Battery Checkers



Duplicate operating conditions. Test Loktals, single ended tubes, ballasts and all standard tubes; tests individual miniature electrodes. Has GOOD-REPLACE test for 1.5, 6, 45 and 90 volt batteries. Shpg. wt. 16 lbs.

**K21734**—Portable Model 777-1. Hardwood case 15 1/2 x 8 1/2 x 5 1/2" (not shown). **Your Cost** ..... **\$49.50**  
**K21735**—Counter Model 777-2 (shown). With self-indexing tube chart. **Your Cost** ..... **\$54.75**

## RADIO CITY

Model  
310P  
Tube  
Tester  
With  
Roll  
Type  
Index



**Model 310-P4** tube tester includes every feature and advantage of Model 309-P above, PLUS the newest and finest of mechanical roll type tube tester charts built in. 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, 1942 to all registered owners.

**Model 310-P4** in combination portable counter type case, with 4 1/4" rectangular meter as illustrated. 14 1/2 x 13 1/2 x 5 1/2". For 105-135 volts 50/60 cycles AC. Wt. 14 lbs. **Your Cost** ..... **\$30.33**  
**K21774**—Your Cost

**Model 310-P3**—Same as above but with 3" rectangular meter. Wt. 13 lbs. **Your Cost** ..... **\$28.37**  
**K21775**—Your Cost

**Model 310-C3**—Same as K21775 but in counter case 13 1/2 x 11 1/2 x 7 1/2". Wt. 13 lbs. **Your Cost** ..... **\$25.43**  
**K21776**—Your Cost

## PRECISION Tube and Set Testers

Models  
910  
and  
912  
Tube  
Testers



Tests all tubes with filament voltages of 1.4 to 120 volts, including Loktals, new 7-pin tubes, Bantam Jrs., single-ended, miniatures, etc. Complete mutual conductance test made simply and quickly by push button. Checks for hot cathode leakage, hot inter-element charts, noise, open elements, etc. 3-inch meter, accurate within 2%. In metal case, 12x10 1/2 x 6". Shpg. wt. 19 lbs.

**MODEL 910MCP**— **Your Cost** ..... **\$36.60**  
**K21705**—Your Cost

**MODEL 910P**—Same as above in portable hardwood case with removable cover and tool compartment. **Your Cost** ..... **\$40.91**  
**K21704**—Your Cost

**MODEL 912MCP**—Same as Model 910 above, but with 4 1/2" square meter. **Your Cost** ..... **\$40.91**  
**K21703**—Your Cost

**MODEL 912P**—Same as above, but in portable hardwood case with removable cover and tool compartment. **Your Cost** ..... **\$45.23**  
**K21702**—Your Cost

## 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 cover and handle with brown suede enamel finish: 7 1/2 x 6 1/2 x 5 1/2". Shpg. wt. 14 lbs. **Your Cost** ..... **\$23.72**  
**K21488**—Your Cost

## READRITE Model 432A Tube Tester

Not illustrated. Employs Triplett "Red Dot" lifetime guaranteed meter with three-color "Good"—"Bad" scale. Separate line voltage meter. Filaments from 1.1-110V in 19 steps. Tests all types including miniatures, rectifiers and ballasts. Black leatherette case 10 1/2 x 9 1/2 x 6 1/2". Tube charts supplied. Shpg. wt. 18 lbs. **Your Cost** ..... **\$20.32**  
**K21694**—Same but in case without tool compartment. **Your Cost** ..... **\$19.26**

## TRIPLETT Model 1612 Tube Tester



Deluxe counter checker with 7" "Red Dot" lifetime meter having a 6" "GOOD-BAD" scale. Speed-roll chart permits 36 readings at a glance. Tests all present day tubes including: loktals, Bantam, Jr., miniatures and midjets; also test 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: 15 1/2 x 11 1/2 x 6". Shpg. wt. 32 lbs. **Your Cost** ..... **\$32.18**  
**MODEL 1613**—Same as above, in Portable case, 15 1/2 x 11 1/2 x 6 1/2". Shpg. wt. 35 lbs. **Your Cost** ..... **\$37.57**  
**K21686**—Your Cost

## HICKOK Model 530-P Tube Tester

Dynamic tube tester calibrated in micromhos 0-3000/6000/15000 and also "Good", "Bad", and "Bad". Tests all types for noise (audio and RF), hot and cold shorts, leakage, gas, etc. Tests grid controlled rectifiers. Continuous line volts adjustment. 96-130V. Portable case with handle. 14 1/2 x 13 x 6". Shpg. wt. 22 lbs. **Your Cost** ..... **\$58.80**  
**K21639**—Your Cost Complete



**Counter Model**  
**Model 530C**—Same as above but counter type. Size: 14x16x6". Shpg. wt. 22 lbs. **Your Cost** ..... **\$58.80**  
**K21640**—Your Cost

# POPULAR SIGNAL GENERATORS

## HICKOK Model 188X Signal Generator



Crystal controlled instrument ideal for AM, FM, Television and P.A. servicing. RF ranges from 100 kc to 110 mc in 7 fundamental bands, accuracy better than 1/2%. With crystal in use, 100 kc or 1000 kc beats are available with accuracy better than .01% from 100 kc to 100 mc. Three

frequency modulated band widths available: 750 kc sweep, 60 cycle internally modulated, for visual alignment of FM i.f. and r.f. stages; 150 kc standard sweep from 1000 kc to 133 mc; 30 kc sweep for visual alignment of AM receivers. AF output available at 400 cycles fixed and 100 to 10,000 cycles variable with accuracy within 5%. Power Level meter range from -10 to +38 db. Synchronized sweep voltage for oscillograph use. Provision for VR-130 voltage regulator. For 110/120 volts, 40/60 cycles. With tubes, cables and instructions. Case 13x13x7". Wt. 26 lbs. **K21788—Your Cost \$72.32**

**MODEL 188:** Same as above, less crystal (may be added later) and 6J5 crystal oscillator tube. **K21635—Your Cost \$62.82**

**MODEL 177:** Same as Model 188, but less output meter. **K21636—Your Cost \$52.34**

## HICKOK MODEL 19X Microvolt Signal Generator



Crystal controlled calibrated output from 100 kc to 30 mc on fundamentals with an accuracy of better than .01%. Self-contained vacuum tube voltmeter and power level meter give complete measurement of receiver gain-

per-stage, selectivity and sensitivity. Calibrated output ranges on RF, 1/4 to 100,000 microvolts on all ranges. AF, 0 to 1.0 volt at 400 cycles. (Output ranges from -10 to +6, +6 to +22, -22 to +38 db. 100" of direct reading frequency scale. Supplied complete with self-contained dummy antenna, cables and instructions. Size 13x16x7". Shpg. wt. 21 lbs. **\$94.08**  
**K21718—Your Cost**

## SUPREME 571 Oscillator

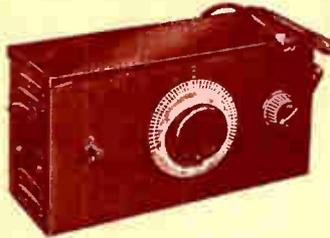


Produces six types of signals: (1) Straight C.W.; (2) 400 cycle, 30% standard audio modulated R.F.; (3) 400 cycles, 75% high level audio modulated R.F.; (4) External audio modulated R.F.; (5) External frequency modulated R.F.; (6) 400 cycle fixed audio note for testing audio amplifiers, etc.

Five R.F. ranges, 65 kc to 20.5 mc on fundamentals, over 60 mc on harmonics E.C. oscillator circuit with air-dielectric condensers, iron-core coils; accuracy within 1/2 of 1%. All ranges read on two basic scales. Non-shortening ladder type attenuator. Double shielding throughout. Black metal panel with silver and red trimming. Oak case; 10 1/2 x 8 1/2 x 8 1/2". With output cable, complete instructions. Shpg. wt. 19 lbs. **K21667—Your Cost \$49.73**

## AUDIO OSCILLATORS

### Special! WIEN BRIDGE Audio Oscillator Kit



Resistance-capacity tuned audio osc. employing radically new Wien Bridge circuit incorporating both degenerative and regenerative feedback. **No tuned circuits used**—never necessary to re-calibrate. Degenerative feedback maintains constant output amplitude throughout range from 20 to 10,000 cycles, with no appreciable drift. Waveform is essentially sinusoidal throughout the entire range. Calibrated dial supplied with kit eliminates need for oscilloscope or calibrated oscillator. Independence from line voltage fluctuations assured by VR 150-30 voltage regulator tube. Supplied with gray wrinkle finish metal cabinet with many parts mounted, and with power supply and voltage regulator circuits completely wired. **Tubes supplied:** 6SJ7, 6J5, 6X5 and VR 150-30. Shpg. wt. 12 lbs. **K20369—Kit complete with tubes, parts, hardware and instructions. \$17.95**  
**Your Cost, Special**

### JACKSON Model 652 Audio Oscillator



The basic design of this new instrument eliminates 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: 13x9 1/2 x 9 1/2" deep. Shpg. wt. 30 lbs. **K21785—Your Cost Complete \$86.73**

### CARRON "CCA" B.F. Audio Oscillator



Economical beat frequency osc. with excellent characteristics. Wave form essentially sinusoidal, with distortion of less than 2%. Range from 20 to 16,000 c.p.s. at 15 volts R.M.S. to 100,000 ohm load. Flat within 1 db from 100 to 16,000 cycles. "Eye" tube used for zero beat and calibration check at 60 cycles. Permeability tuned; over 40" of direct reading dial. With tubes: 2-6J7, 2-6C6, 5Z4 and 6U5. 7x9x7". Shpg. wt. 10 lbs. **K21464—Your Cost Complete \$26.90**

## JACKSON 640 Test Osc.



Has full range direct reading dial from 100 kc to 80 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, modulated at approximately 30%. AF voltage obtainable for external use. Accuracy to 1/2 of 1% on all ranges. Complete with three 6C5 tubes. Unit-welded steel case, gray morocco baked enamel finish; 8 1/2 x 8 1/2 x 6". For 110 volts, 60 cycles AC. Shielded cable furnished. Shpg. wt. 15 lbs. **K21652—Your Cost \$36.21**

## TRIPLETT 1632 Sig. Gen.

Wide range signal generator provides continuous coverage from 100 kc to 120 mc. Ideal for AM, FM, Television and P.A. servicing. Metered



output to multiplier and attenuator. Heterodyne detector permits checking oscillator, or beating with another oscillator, without a receiver. Output available at end of coaxial cable. Provision for external modulation at AF or RF. Positive vernier dial tuning control. Permeability adjustments and tubular air-trimmers used for maximum accuracy and stability. All circuits shielded to eliminate strays; low loss insulation throughout. Streamlined metal case 15x9x6 1/4"; silver-gray suede electro-enamel finish, three tone panel. Complete with accessories. Shpg. wt. 31 lbs. **K21789—Your Cost \$86.08**

## PRECISION E-200 Sig. Gen.



Uses AVC Substitution System especially designed for "Servicing by Signal Substitution" (book supplied FREE). Simplifies precise circuit alignment. Provides bias, to permit alignment of circuits without AVC interference. Six bands cover from 90 kc to 88 mc. Full-vision 6 1/2" dial with vernier control.

Separate 400 cycle modulator permits variable % modulation, and external audio signal. Self shielding coaxial cable and outlets. Thoroughly shielded, with dual RF attenuation network for output control. In black ripple finished metal case 12x10 1/2 x 6". For 110 volts, 60 cycles. Shpg. wt. 19 lbs. **K21715—With text book "Servicing By Signal Substitution". \$43.07**  
**Your Cost**

## RADIO CITY 702 Sig. Gen.

Useful test frequencies 95 kc to 100 mc; fundamentals to 25 mc. AF modulation 30% at 400 cycles, also available separately for audio tests. Provision for external modulation or "wobbulator".



Triple shielded, with RF filters. 5-step ladder attenuator. 8x11 1/4 x 5". For 115 volts, 50/60 cycles AC. Shpg. wt. 16 lbs. **\$27.39**  
**K21720—Your Cost**

# SIGNAL TRACERS



## Audio Chanalyst

Complete instrument for matching up a new sound installation or to repair existing systems. Will hold continuous check on four different audio circuits simultaneously to locate intermittents. A built-in monitor speaker is a standard source for microphone testing. Two amplifier channels and an electronic a.c. voltmeter check gain and level on circuits from -80 to +49 db. All channels flat from 20 to 10,000 cycles, at 1 meg. input. Impedance measurements 0-400,000 ohms; four resistance ranges from 0-400 megohms; voltages from 5 to 1000 at 20 meg.; d.c. input resistance or 2 meg. AF input impedance. With 15 RCA tubes and leads. 12 $\frac{1}{2}$ "x9 $\frac{1}{2}$ "x18 $\frac{3}{4}$ ". Wt. 35 lbs. **K21769—Model 170**  
**Your Cost \$225.00**

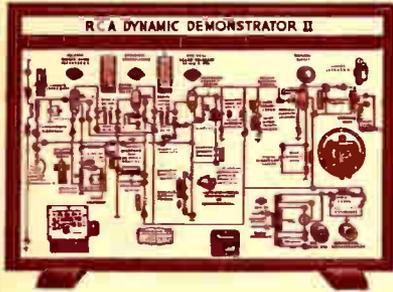


## -Rider "Chanalyst"

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. For 110 V. 50/60 cycles AC. Size: 14x9x9 $\frac{1}{2}$ ". Shpg. wt. 30 lbs. **K21666—Model 162. Your Cost \$107.50**



## RCA Dynamic Demonstrator II



The ideal instrument for lecture and demonstrating purposes in trade and vocational schools, etc. Comprises a typical 5-tube superhet with AVC, built in breadboard style and with all component terminals brought out to pin jacks for voltage and current readings and wave-form analysis. Entire schematic diagram in colored sections for easy identification of the various circuits. Uses 6SA7, 6SK7, 6SQ7, 6F6G and 5Y3GT/G. Shpg. wt. 30 lbs. Size: 41x29x12". **K12225—Model 172. Your Cost, Complete \$75.00**

## RCA Chanalyst Converter



Ultra High Frequency Signal Tracing device functions to reduce the higher frequencies to within the range of the standard Chanalyst. Expand your service field to include FM, television, facsimile, etc. Supplied with the new probe having only .5 mmfd. capacity—will not load or detune even the very high frequency circuits. Range 1600 kc to 80,000 kc; sensitivity 10 millivolts average; calibration accurate to within 1%. Employs Polystyrene coil forms and air trimmers for stability. Furnished complete with all tubes, Chanalyst coupling lead and special test cable and probe. 10 $\frac{1}{2}$ "x9 $\frac{1}{2}$ "x9 $\frac{1}{2}$ ". Weight 18 lbs.

**K21768—Model 164  
Your Cost \$55.00**

## MEISSNER "Analyst" Model 9-1040

Incorporates 5 separate signal tracer channels. Each channel, on its individual panel, provides a simple, fool-proof instrument that will check any receiver from antenna to speaker. All channels can be used at one time for locating intermittents, and will locate the defective circuit quickly. A built-in electronic voltmeter then enables you to identify the defective part. Covers all frequencies from 95 to 1700 kc. Shielded test cables and probes, and an input impedance of 10 megohms, results in a minimum of circuit disturbance on all tests. A complete instruction book gives detailed directions for use of this instrument in locating all kinds of trouble. Complete with 12 tubes. For 110 volts, 60 cycles a.c. Size: 9 $\frac{1}{2}$ "x18 $\frac{1}{2}$ "x10 $\frac{1}{2}$ ". Shpg. wt. 35 lbs. **K21706—Your Cost \$96.25**



## HICKOK Indicating Traceometer Model 155

This new complete dynamic signal tracer with its five precision meters enables you to measure and trace the signal in five circuits simultaneously. All this without affecting the operation of the set! Measures the signal in microvolts at any point in the RF or IF section. Measures oscillator voltage through its entire range. Also measures D.C. voltage, AFC and AVC voltage, etc. Measures 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 V.T. voltmeters. Complete operating instructions. Size: 13x16x10". Shpg. wt. 50 lbs. **K21739—Model 155, Complete \$126.42**



**Your Cost**

## SUPREME Model 562 "Audolyzer"

### Signal Tracer With Loudspeaker

Complete functional signal tracer. The probe may be connected to any point in the receiver, from antenna post to speaker, and will audibly indicate the presence or lack of signal at that point. Instantly discloses faulty part where signal loses gain or dies, or where distortion, intermittents, regeneration, oscillation or noise occurs. Built-in loud speaker permits listening for defect without adjusting Audolyzer controls for every test. 6 Range electronic voltmeter, 15 meg. impedance on all ranges: 0/1/3/10/30/100/300/1000 volts D.C. 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. 5 Ohmmeter ranges: 0/200/2000/200,000/2 meg./20 meg. Can be used with any scope. With cables. Oak case 17 $\frac{1}{2}$ "x12x9 $\frac{1}{2}$ ". Shpg. wt. 32 lbs. **K21683—Your Cost Complete \$97.95**



## SUPREME Model 560A "Vedolyzer"

### Signal Tracer with Oscilloscope

Complete Signal Tracer and simultaneous Dynamic Tester. 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: 0/100/10M/100M/1 Meg./10 Meg./100 Meg./1000 Meg. Multiple channel tests. Wave-meter checks local oscillator and IF frequency and drift. Oak case: 17 $\frac{1}{2}$ "x12 $\frac{1}{2}$ "x13". With I.F. cables. Shpg. wt. 40 lbs. **K21684—Your Cost \$160.67**



**We Will Not Knowingly Be Undersold**



# OSCILLOSCOPES



## RCA Cathode Ray Oscillographs

**3" Model 155A:** Employs 906P1 tube and two 6C6's for vertical and horizontal amplifier stages, one 884 timing oscillator stage and two 80 rectifier tubes; total of 6 tubes. Bar knob controls all located on front panel. 20 volts (RMS) per inch deflection without amplifier; 0.5 volt (RMS) per inch with amplifier. \* Amplifier response flat from 20 to 90,000 c.p.s. Amplifier gain 40 db. Timing frequency from 15 to 22,000 c.p.s. Operates on 110 volts, 50/60 cycles a.c. Wrinkle lacquer metal case has etched panel. Size: 15x8x14". Complete with tubes and instructions. Shpg. wt. 32 lbs. **\$72.50**

**K21447—Your Cost**

**5" Model 160B:** Deluxe model with 5" screen for large, clear images. Timing range 4 to 22,000 cycles. Vertical amp. flat from 3 to 50,000 cycles; horizontal amp. from 5 to 100,000 cycles. Ideal for schools, laboratories, etc. Complete with tubes and operating instructions. Shpg. wt. 40 lbs. **\$142.50**

**K21442—Your Cost**



## DUMONT Model 164E 3" Oscillograph

Ideal for service engineers and laboratory technicians. Employs 2501A3 (green) Cathode Ray Tube. Amplified sweep uses 885 as saw-tooth oscillator. Separately controlled horizontal amplifier has gain of 40 and vertical amplifier has gain of 50; response from 7.5 to 100,000 sinusoidal cycles. Provision for applying signals direct to deflection plates (not necessary to remove from cabinet). Two power supplies deliver 1250 volts accelerating potential and 415 volts amplifier potential. Removable calibrated scale for accurate determinations. For 115 volts, 40/60 cycles a.c. Size: 11 $\frac{1}{2}$ x7 $\frac{1}{2}$ x13". Complete with tubes. Shpg. wt. 25 lbs. **\$63.21**

**K21557—Your Cost**

**5" Model 208:** Uses type 2511A5 Cathode Ray Tube. Amplifiers flat from 2 to 100,000 sinusoidal cycles. Extended sweep range 2 to 50,000 cycles. Nearly 15" time base. Freedom from pattern drift. Size: 14 $\frac{1}{2}$ x8 $\frac{1}{2}$ x19 $\frac{1}{2}$ ". Shpg. wt. 60 lbs. **\$164.39**

**K21782—Your Cost**



## RCA 5" Oscillograph

### Model 158-D

Specialized instrument ideal for industrial concerns. Also suited for television servicing. 5" screen reproduces image of unusual clarity. Special attenuator prevents changes in frequency characteristics at various input levels. Synchronization for either negative or positive peaks. Vertical amplifier sensitivity .04 volts R.M.S./inch, range 5 cycles to 500 kc; horizontal amplifier .56 volts R.M.S./inch, range 5 cycles to 100 kc. Sweep from 4 to 22,000 cycles. In metal cabinet, 14 $\frac{1}{2}$ x8x19 $\frac{1}{4}$ ". For 110-120 volts, 50/60 cycles. With tubes, C-R tube and special input cable. Wt. 30 lbs. **\$160.00**

**K21438—Your Cost**



## 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 saw-tooth 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. Vertical amplifier compensated to pass 60 cycle Square Wave signal. Oak case 7 $\frac{1}{4}$ x11 $\frac{1}{2}$ x13 $\frac{1}{2}$ ". For 110 V. 50/60 cycles a.c. Complete with tubes and instructions. Shpg. wt. 25 lbs. **\$80.85**

**K21598—Your Cost**

*See tabulation on page 48.*



## HICKOK Signal Tracing 3" Oscillograph. Model RFO-5

Has built-in wide band FM oscillator, demodulator, video amplifiers, signal tracer and visual vacuum tube voltmeter with ranges from 0.2 to 1000 volts. Provision for audible monitoring with auxiliary speaker or headphones. Ideal for FM, AM, or television servicing. Frequencies up to 3.5 mc are internally amplified and viewed on the 3" C-R screen. Has built-in return trace eliminator, calibrated screen, phasing control and variable width sweep. Complete with 10 tubes, 11x13x15 $\frac{1}{4}$ ". Shpg. wt. 50 lbs. **\$102.02**

**K21441—Your Cost**

**Complete**



# ELECTRONIC MULTITESTERS

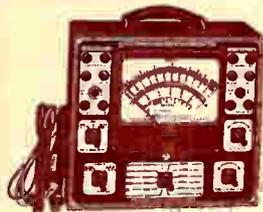
## RCP Model 662 Electronic Multitester



Provides 27 vacuum tube operated ranges, and has voltage regulated power supply. 4 $\frac{1}{2}$ " microammeter has D'Arsonval movement with accuracy of 2% at full scale; meter unusually well protected. Ranges: **D.C. Vac. Tube Voltmeter**, sensitivity 160 meg. on high and 16 meg. on low ranges; 0/6/30/150/600/1500/6000; **A.C. Vac. Tube Voltmeter**, same sensitivity as above, 0/3/6/30/150/600/1500/6000; **Vac. Tube Ohmmeter** 0/1000/10,000/1 meg./10 meg./100 meg./1000 meg.—no test leads to short and no resetting when changing ranges; **Vac. Tube Capacity Ranges** 0/.001/.01/.1/1/10/100/2000 mfd. All ranges are direct reading. Has additional 3 volt A.C. range with special 6 volt A.C. scale on dial. Supplied with high voltage test lead, signal tracing probe, high freq. probe, resistance and capacity lead. Gray wrinkle finish metal case 9 $\frac{1}{2}$ x9 $\frac{1}{2}$ x7 $\frac{1}{2}$ ". With tubes and batteries. Shpg. wt. 10 lbs. **\$46.55**

**K21793—Each**

## PRECISION EV-10 V-T Multi-Range Tester



Employs 8 $\frac{1}{2}$ " meter and a voltage regulated power supply. Ranges: eight zero-center vacuum-tube voltmeter ranges 0/3/6/12/60/300/600/1200/6000 volts at 13 to 133 meg. input resistance; six circuit probing zero-center ranges, sensitivity as above, using coaxial cable for measurement in AVC, AFC, FM and television circuits 0/3/6/12/60/300/600 volts; resistance 0/2000/200,000 ohms and 0/2/20/200/2000 megohms; eight A.C. and D.C. voltage ranges at 1000 ohms/volt to 6000 volts D.C. current 0/600 microamps, 0/3/12/60/300/1200 ma., 0/12 amperes; output ranges from -26 to +70 db. Shpg. wt. 20 lbs. **\$53.85**

**K21765—Model EV-10MCP** in black ripple metal case with handle. 12x10 $\frac{1}{2}$ x6". **Your Cost**

**Model EV-10P**, same as above, but in hardwood portable case with removable cover and tool compartment. **\$58.16**

**K21766—Each**

## HICKOK Electronic A.C.-D.C. Multitester

**Model 202** All but current measurements are made electronically with a resultant lack of circuit disturbance. Zero center D.C. voltage scale makes it unnecessary



to reverse leads. Employs a rugged 5" square meter which cannot be burned out by overload on any voltage or resistance scale. This instrument is ideal for alignment of discriminator circuits in FM receivers and, due to its extremely high input impedance, does not require disconnecting any component circuit parts. Ranges: **A.C. Volts** 0/.5/2.5/10/250/1000 at constant input impedance of 2.5 megohms; **D.C. Volts** 0/2.5/10/250/1000 at input impedance of 14 megohms; **Resistance** in five ranges from .1 ohm to 1000 megohms; **D.C. Milliampers** 0/2.5/10/250/1000. With shielded test probes. Size: 11x8x7". Wt. 17 lbs. **\$46.30**

**K21465—Your Cost**

**RF-10 PROBE:** for Precision EV-10 (at left). For measurement of R.F. and U.H.F. voltages. With 955 acorn tube. **\$15.04**

**K21784—Complete**



## Junior Volt-Ohmmist

The new Junior Volt-Ohmmist employs a push-

pull electronic circuit which draws no current from the circuit being measured. D.C. overloads cannot burn out the meter, and rugged construction makes the instrument secure from mechanical shock. Accurate readings are always provided despite line voltage fluctuations. Ranges are: **D.C. Volts**, at 11 megohm input impedance, 0/3/10/30/100/300/1000; **A.C. Volts**, at 1000 ohms/volt, 0/10/30/100/300/1000; **Resistance** in five ranges from .1 ohm to 1000 megohms. Meter is 4 $\frac{1}{2}$ " square and accurate to within 2%. Polarity reversing switch makes it unnecessary to reverse leads at any time. Supplied complete with tubes and test leads, including Signal Tracer type probe. Portable metal case 9 $\frac{1}{2}$ x5 $\frac{1}{2}$ x5 $\frac{1}{2}$ ". Shpg. wt. 14 lbs. Model 165. **\$37.50**



**K21770—Each**

During the present emergency we must reserve the right to substitute like quality and make price changes when necessary.

# Portable VOLT-OHM MILLIAMMETERS



**PRECISION Series 844**  
Features ranges of 6000 volts AC and DC, 10 Megohms and 12 Amps. 4 1/2" meter, 2% accuracy on DC, 3% on AC. Ranges: AC and DC Volts at 1000 ohms/volt 0/12/60/300/600/1200/6000; DC Current 1.2/12/60/300/1200 ma, 0/12 amps.; Resistance 0/400/100,000 ohms, and 1/10 meg; Decibels -12 to +70. Hardwood case with handle, 7x8x4". Less leads and batteries (uses 1-4 1/2 v. and 1-45 v.). Shpg. wt. 6 lbs. Counter Model 844L.

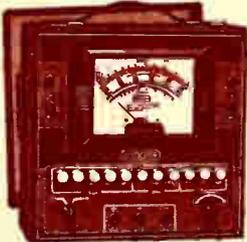
**K21657—Your Cost** ..... **\$26.90**  
Model 844P (shown). Same, with cover and tool comp. 9x10x6".  
**K21656—Your Cost** ..... **\$29.06**  
Model 845L. Like 844L with dual sensitivity of 1000 and 5000 ohms per volt and added ranges.  
**K21491—Your Cost** ..... **\$31.21**  
**K21492—Model 845P:** As above, in portable case. Each ..... **\$33.37**

## PRECISION Series 832A

Ranges Up To 1200 V.—DC and 2400V.—AC  
A really fine instrument priced low enough to make it attractive to amateur and professional alike. Incorporates an extra large—3"—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—0/12/120/600 Ma., also 1200 Microamperes. Resistance—5000/500,000 ohms on internal battery and to 5 megs on external battery; Decibels—-10 to +64 db in 6 ranges. Hardwood case with leather handle and battery. 7x4 1/2 x3". Less test leads. Shpg. wt. 4 lbs.  
**K21771—Your Cost** ..... **\$18.28**  
Model 834—Same, but with extra sensitive 400 microampere meter. Sensitivity on AC and DC voltage 1000 ohms/volt to 6000 volts. Resistance to 5 megs. with self-contained batteries.  
**K21490—Your Cost** ..... **\$21.51**



## JACKSON Model 642 Universal Multimeter



20,000 ohms per volt. Features automatic range selection by means of 11 push-buttons—test leads remain connected to same posts at all times (except amps, micro-amps and 5000 v. ranges). New 6" meter has extra large, legible scales. 23 ranges provide unusual versatility. Ranges are: AC Volts 0/10/100/250/500/1000/5000; DC Volts 0/10/100/250/500/1000/5000; DC Current 0/100 microamps, 0/10/100/250 ma, 0/10 amps; Ohms 0/3000/300,000/30 meg. Grey morocco finished metal case with removable cover. 8 1/2 x 8 1/2 x 6". Supplied complete with batteries and leads. Shpg. wt. 8 lbs.  
**K21653—Your Cost** ..... **\$47.53**  
Model 643: 1000 ohms/volt. Same ranges except micro-amps is 0/1000 and ohms up to 3 meg. Shpg. wt. 8 lbs.  
**K21759—Each** ..... **\$33.27**

## SUPREME 592 Dual-Sensitivity Tester



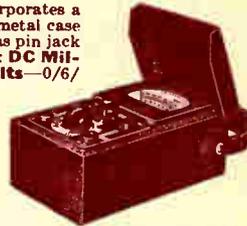
25,000 or 1000 ohms per volt sensitivity by pressing a button. At 25,000 ohms/volt, readings can be taken in AVC, AFC or FM discriminator circuits while set is in normal operation. Ideal for detection of intermittents and noise. Ranges: DC Current 0/70/700 microamps, 0/7/35/140/350 ma, 0/1.4/14 amps; DC Volts (1000 or 25,000 ohms/volt) 0/3.5/7/35/140/700/1400; A.C. Volts 0/7/35/140/350/700/1400; Ohms 500 ohms to 50 megs in 6 ranges; Decibels -10 to +46 db in 5 ranges. Portable oak case 9 1/4 x 7 x 6 1/2". Shpg. wt. 9 lbs.

**K21722—Your Cost** ..... **\$54.83**

## SUPREME Model 542M Pocket Multi-Meter

A compact test instrument that incorporates a highly sensitive meter. Housed in a metal case with snap-on cover, 3 1/2 x 6 1/2 x 2 1/4". Has pin jack terminals. Following ranges provided: DC Milliamperes—0/0.3/6/30/150; DC Volts—0/6/30/300/1500; 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 meg-ohms operate from self-contained batteries (furnished). Shpg. wt. 4 lbs.

**K21733—Your Cost** ..... **\$22.49**



## SUPREME Model 543M Tester

Similar in appearance to the model 542M listed above. Has 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. Metal case with snap-on cover, size 3 1/2 x 6 1/2 x 2 1/4". Shpg. wt. 3 lbs.  
**K21746—Your Cost** ..... **\$17.59**

## RADIO CITY Model 414 Multitester

2000 Ohms Per Volt



Employs well known R.C.P. system of AC measurements to insure higher accuracy, greater ruggedness and more sensitivity than that obtainable with the copper-oxide rectifier method. Practically linear scales, easily legible. Has 4 1/2" meter with D'Arsonval movement having 500 microampere sensitivity; meter is fused for protection. Specifications: 2000 ohms/volt sensitivity; DC Volts 0/5/50/250/5000/5000; AC Volts 0/10/100/500/1000/5000; DC Current 0/10/50/250/1000 ma. 0/1/5/25 amps.; Capacity 0/0.03/3/3/30/300 mfd.; Low Ohms 0/100 (2 ohm center) Ohms 0/15,000/150,000 on self-contained batteries; 0/15/15 meg on built-in power supply; Inductance 25/1000 mh., 25/100/1000,10,000 henrys. Open face bench type hardwood case 9 1/2 x 5 1/2 x 3". Shpg. wt. 9 lbs.  
**K21741—Each** ..... **\$25.43**  
**PORTABLE MODEL 414-P:** (Shown). Same, in maple case with removable cover.  
**K21742—Each** ..... **\$28.37**

## DEPENDABLE Model 456 A.C.-D.C. Trouble Tracer



1000 Ohms Per Volt

Combined AC-DC voltmeter, ohmmeter, milliammeter and decibel meter with sensitivity of 1000 ohms per volt. Has D'Arsonval type meter with movement accurate to 2%. Ranges are: DC and AC Volts 0/5/50/500/1000; DC Milliamperes 0/1/10; Ohms 0/5000/500,000 with self-contained batteries; Decibels from minus 12 to plus 8, 8 to 28, 28 to 48, 34 to 54. Contained in a handsome hardwood case measuring 6x3x2 1/4". This instrument is ideal for the serviceman because of its versatility and compactness. Shpg. wt. 3 lbs.  
**K10536—Your Cost** ..... **\$9.75**

Please refer to page 48 for additional instrument listing.

## DEPENDABLE Model 446 A.C.-D.C. Multitester



Has 1000 ohms per volt sensitivity. Ranges: DC Volts—0/5/50/250/500/2500 DC Milliamperes—0/1/10/100/1000. DC Amps—0/1/10. AC Volts—0/10/100/500/1000. Ohms—0/500/100,000/1 Meg. Decibels—-8 to +15, +12 to +35, +26 to +49, +32 to +55. Output ranges same as AC volts. Size: 3x8 1/2 x 5". Shpg. wt. 5 lbs.  
**K10503—Your Cost** ..... **\$11.71**  
Model 446P Same as above but in portable walnut case with hinged cover and latch including side compartment for test probes (supplied). Size: 8 1/2 x 6 1/2 x 4 1/2". Shpg. wt. 7 lbs.  
**K10504—Your Cost** ..... **\$13.67**

## DEPENDABLE Model 411 Universal Supertester



3" meter—200 microamp movement. 34 ranges. 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 Amps; 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 Amps; Output Meter same as AC Volts. In hardwood case 7 1/2 x 5 1/2 x 3 1/2". Shpg. wt. 5 lbs.  
**K21673—Your Cost** ..... **\$19.06**  
Portable Model 411-P Same as above, but in case with cover.  
**K21711—Each** ..... **\$21.51**

## DEPENDABLE Model 413 A.C.-D.C. Multitester



Pocket-size tester with 2500 ohms per volt sensitivity. Ranges: AC and DC volts—0/10/50/250/1000/5000; DC Current—0/10/100/1000 Ma. and 10 Amps; Microamperes—0/400; Resistance—0/500/100,000/1,000,000 ohms. Back up type of low ohm scale reads down to 1/10 ohm. All ranges with self-contained battery. Natural finish wood case. Size: 3 1/2 x 6 x 2 1/4". Shpg. wt. 4 lbs.  
**K10500—Each** ..... **\$15.63**  
Model 413P—Identical with Model 413 above but supplied with hand rubbed, piano finish solid walnut case with hinged cover, test probes, and compartment and latch.  
**K10501—Your Cost** ..... **\$17.59**

# Modern All-Purpose Test Instruments

## SPRAGUE DeLuxe "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 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 1000v.) permits checking under direct working conditions. A "magic eye" indicates circuit resonance. The volt-milliammeter has a switch providing 8 ranges: 0/15/50/1500 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 1/2 x 9 x 6". For 110 volts, 50/60 cycles a.c. Shpg. wt. 14 lbs.

K21787—  
Your Cost

**\$44.90**

## JACKSON Model 650A Condenser Tester

- Push Button Selection
- Range From .00001-1000 Mfd.



Six push-buttons instantly select desired range. Glass enclosed scale has "scale expander" indicating pointer that doubles effective scale length. Tests paper, mica electrolytic condensers. Range in four steps from .00001 to 1000 mfd. Measures power factor on dial; range calibrated from 0 to 60%. Test voltages from 20 to 500 volts. Eye tube for leakage and balance tests; special built-in amplifier for leakage tests. In grey morocco steel case 8 1/2 x 8 1/2 x 6", with metal cover. With tubes. Shpg. wt. 12 lbs.

**\$36.21**

K21651—Your Cost

## 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 1/2 x 12 x 9 1/2". Shpg. wt. 11 lbs.

K21727—Your Cost, Less Tubes

**\$29.28**

### "BN" Capacitor Bridge



Measures accurately and quickly all capacitors between .00001 and 50 mfd. s. Employs 10 v. s. 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 3/4 x 5 x 3". With test leads and instructions, but less tubes. For 110 V., 60 cycles. Wt. 4 lbs.

K21728—Each **\$11.64**

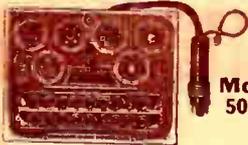
### Capacitor Decades



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 ±5%. Each in Walnut Bakelite case, dim.: 3 1/2 x 5 x 3". Ave. shpg. wt. 4 lbs. ea.

K21729—.011 mfd. in .0001 steps. **\$6.35**  
K21730—.1 mfd. in .01 steps. **\$6.35**  
K21731—10.0 mfd. in 1.0 mfd. steps. **\$11.29**

## RCP Master Analyst



Mod. 504C

Push-button analyzer. Cable plugs into receiver socket for measuring voltage, current, resistance or capacitance of components. Protected against shorts when two or more buttons are pressed. Permits current and voltage measurements in circuit at same time. Has 7 sockets, 8 adapters and cable with latch type plug. 9 3/4 x 7 x 3 1/4". Wt. 5 lbs.

K10534—**\$20.33**

## RCP Appliance Tester

Model 417: A pocket size appliance tester for use on all types of equipment drawing up to 6000 watts. Ranges: AC and DC Volts 0/250; Amps. 0/1/5/-35; Watts: 0/10/120/600/3000 at 120 volts, 0/60/240/1200/6000 at 240 volts. Power factor correction chart and line voltage correction curves supplied. Wood case 3 1/2 x 6 x 2 3/4". Shpg. wt. 7 lbs.

K10478—**\$12.69**

Model 417-P: As above, in portable case with cover.

K10477—Your Cost **\$14.65**



A.C.—D.C. Pocket Volt-Ohm-Milliammeter

Moving vane type reads 15-150-450 volts AC or DC; 0-20,000-100,000 ohms; 0-15 ma.; .01 to 20 mfd. Bakelite case, 1 1/2 x 2 3/4 x 3 3/4". 30" test leads. For 110 V., AC-DC.

K11453—**\$6.31**



## TRIPLETT 696 Battery Tester

Choice of 11 loads. Checks 9 DC voltage ranges, 2, 4, 8, 10, 25, 50, 75, 100, 150 v. Lifetime guaranteed 3" meter. Case 3 1/2 x 5 3/8 x 2 1/8". With leads. Shpg. wt. 5 lbs.

K10476—**\$8.46**

## Other Popular Test Equipment

Manufacturer and Description	Model No.	Stock No.	Your Cost
<b>AEROVOX</b>			
LC Checker	95	K21725	\$28.91
Capacity Bridge	75	K21659	35.03
<b>CARRON</b>			
Signal Tracer	CCH	K21781	43.12
<b>DUMONT</b>			
Electronic Switch	185	K21783	70.07
<b>PRECISION</b>			
Dual Range, 20M and 1000 OPV tester	856L	K21436	40.91
Same but in Portable Hardwood Case	856P	K21437	43.07
<b>RADIO CITY PRODUCTS</b>			
Portable Tester with Analyzer	4154	K21493	48.95
DC Trouble Shooter	432	K10502	7.30
Same, in portable case	432P	K10495	8.77
DC Speed Meter	433	K10496	8.08
Same in portable case	433P	K10497	9.65
<b>R. C. A.</b>			
B. F. Audio Oscillator	154	K21443	57.50
5" Oscilloscope	158D	K21438	160.00
AC Test Oscillator	167A	K21448	39.95
<b>READRITE</b>			
5000 OPV "Big Boy"	860	K21796	19.26
DC Pocket Multitester	798	K10514	8.08
AC-DC Pocket Multitester	739	K10515	10.67
<b>SUPREME</b>			
Metered Signal Generator	561	K21717	105.35
Electronic Multitester	549P	K21760	52.87
As above, metal case bench model	549M	K21761	49.73
<b>TRIPLETT</b>			
Portable Multitester dual-type meter	1200A	K21480	23.56
Same as above, but 5000 OPV	1200C	K21559	35.28
Like 1200A, but 25,000 OPV	1200E	K21560	31.36
Push-Button 25,000 OPV Multitester	1200F	K21792	30.03
Portable Signal Generator	1232A	K21478	32.18
Portable Appliance Tester	1270A	K21791	32.18
Pocket Multitester, 1000 OPV	666	K10472	15.09
Same, but voltages to 5000 Volts	666H	K10475	15.65
DeLuxe, 10,000 OPV Pocket Tester	666S	K10479	16.34
Portable, 10,000 OPV Multitester	625T	K10480	21.56
DeLuxe Tube Tester	1621	K21748	37.57
Case to make above portable		K21749	5.39
Like 1621 but with 7" meter	1620	K21750	40.81
<b>WESTON</b>			
Portable Tube and Battery Tester	777-1	K21734	49.50
Same, Counter with Roll Chart	777-2	K21735	54.75
DeLuxe Signal Generator	776	K21648	65.25
20,000 OPV Portable Multitester	772-2	K21523	49.50
Televeter for above to 5M Volts DC	766	K21712	18.75
Checkmaster Tube and Set Tester	774	K21737	69.75
Serviset, combines Models 772 & 771	778	K21736	97.50

## SOLAR "QCA" Analyzer



Range 10 Mmfd. to 70 Mfd.

Portable dynamic condenser analyzer. Makes all tests under actual working conditions. Wien Bridge circuit accurate for oil, paper, mica and electrolytic types. Range from 10 mmfd. to 70 mfd. Checks power factor; measures insulation resistance at 5000 volts. Case 5 1/2 x 6 1/2 x 4 1/2". Shpg. wt. 7 lbs. With tubes.

K21772—**\$24.40**

## CI Volt-Ohmmeter

2" moving coil type meter, accuracy 2%. Ranges: 0-5-50-500-1000 v. DC; 0-500-1000 ohms. 1000 ohms per volt. Batteries enclosed. Zero adjustment. With 30" test leads. In black Bakelite case. 1 1/2 x 2 1/2 x 3 1/4". Wt. 3 lbs.

K11450—Each **\$6.38**

Simplex Volt-Ohmmeter. Similar to above, but magnetic vane type. 3-30-300 volts DC; 0-10,000 ohms. With batteries.

K11452—Each **\$3.20**



## CI Pocket Volt-Ohmmeter

Voltage range, 0-300 DC; resistance range 0-10,000 ohms. 2" magnetic vane type meter. Volts to ohms with phone tip and jacks. Black wood case. 2 1/4 x 2 3/4 x 1 1/4". Self-contained battery. 30" leads.

K11451—Your Cost **\$2.50**



# METERS, METER KITS & ACCESSORIES

## Portable Carrying Case

A fine quality portable carrying case for tube testers, analyzers and other types of test instruments. Sturdy wood construction with covering of neat black fabricoid. Fitted with plastic carrying handle. (Outside dimensions: 12" wide, 12 1/2" long and 6" deep. Inside dimensions: space for meters and panel is 11 1/4 x 7 7/8 x 3" deep.



Tool and test lead compartment. Hinged top cover is removable. A real value! Shpg. wt. 6 lbs.  
**K21794—Your Cost. \$2.39**

## Meter Box



Walnut finished inside and out. Rubber bumpers on two planes for upright and horizontal use. For 8x10" panels. Overall: 8 1/4 x 10 1/2 x 4 1/4". Leather handle. Shpg. wt. 3 lbs.  
**K10530—Your Cost. \$1.91**

## Bakelite Meter Box



Black molded bakelite: 6 1/2 x 5 1/2 x 2 1/8" deep. Inside: 5 x 6 1/2 x 2 1/8". Panel mounting screw inserts molded in. Shpg. wt. 3 lbs.  
**K10531—Your Cost, Less Panel. 83¢**

**K10532—White bakelite panel for above. Your Cost 60¢**

## Pocket Portable Meter Box



Open faced, lock cornered. For 3x5 1/4" panel. Walnut finish outside, insidestained. Size: 6 1/2 x 3 3/4 x 2 1/8"—inside, 3 x 5 1/4 x 1 1/8". Two panel supporting pillars. Shpg. wt. 1 lb.  
**K10527—Your Cost. 65¢**

## 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, 0/1/10/100/1000 Ma. DC; 0/1/10 Amps. DC; 0/500/100,000/1,000,000 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 \$3.58**



### Parts Kit for D.C. Ranges

All parts needed for above DC ranges. Includes drilled and etched aluminum panel 7 1/2 x 3 1/4"; 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 diagram. Wt. 2 lbs.  
**K10543—DC parts kit only. Your Cost \$3.48**

### 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, jack, mounting bracket. Shpg. wt. 1 lb.  
**K10544—AC parts kit only. Your Cost \$1.71**

**K10545—Hardwood meter box for above. 8 1/2 x 5 x 3 1/4". Shpg. wt. 2 lbs. Your Cost 98¢**

**4 1/2" V.O.M. Meter** An 0-200 Microampere Foundation Meter with maximum amount of dial space with 3-color movement scale. D'Arsonval movement with three jeweled sapphire bearings. Accurate within 2%. 1500 ohms per volt sensitivity. Ranges: 0/10/100/250/1000/5000 Volts DC; 0/10/100/1000 Ma. DC; 0/10/100/250/1000/5000 Volts AC; 0/200 Microamperes DC; 0/10/100/1000 Ma. DC; 0/1/10/25 Amps. DC; 0/500 Ma. AC; 0/2.5/5/25 Amps. 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. Mfds. Chart supplied showing how to obtain direct measurement of condenser capacities and inductance in Henrys. Wt. 3 lbs.  
**K10546—Meter only. Your Cost \$7.59**

### 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 diagram. Shpg. wt. 2 lbs.  
**K10547—Parts Kit only. \$10.04**

Finely finished hardwood case, open face, with leather handle for above kit. Overall size: 8 1/2 x 10 1/2 x 4 1/4". Wt. 3 lbs.  
**K10530—Case only. Your Cost \$1.91**

## "Meter Back" Fuse Mount



Mounts directly on any meter terminal. Will not touch the other posts. Takes 1x 1/4" instrument type fuses only. Shpg. wt. 1 lb.  
**K11049—Your Cost 12¢**

## Extractor Fuse Posts

Takes 1" instrument type fuse only. 1/8" dia. Bushing for panels up to 1/8" thick.



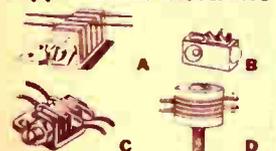
**K12322—Your Cost Each 24¢**  
As above, for 3AG fuses (1 1/4 x 1/4").  
**K12326—Your Cost Each 24¢**

## Hinged Mounts For Type 3AG Fuses

Cover fibre lined to meet Underwriters' requirements. Metal shielded cover hinged to bakelite base. Terminal mounting extends through insulated base. Requires 1 1/2 x 1 1/4" hole in panel. Two 3/32 x 1/16" studs, centers 2 1/8" for mounting. Base 2 1/4 x 1 1/4". Shpg. wt. 1/4 lb.  
**K12340—Single Pole. Your Cost Each 18¢**  
**K12341—Double Pole. Your Cost Each 35¢**



## Copper Oxide Rectifiers



(A) 15 ma. 1 1/2 x 1 1/4" **\$2.95**  
**K10570—Each**  
(B) 5 ma. 1 1/4 x 1 1/4" **\$2.06**  
**K10572—Each**  
(C) 5 ma. 1 1/2" square. **\$2.59**  
**K10566—Each**  
(D) 20 ma. 5/8 x 1 1/4" **\$1.95**  
**K10567—Each**  
(D) 30 ma. 1 1/2 x 1 1/4" **\$2.06**  
**K10569—Each**  
(D) 50 ma. 1 x 1 1/4" **\$1.75**  
**K10568—Each**

## LITTELFUSES for Test Instruments



Protect delicate instruments. Break circuit immediately on reaching blow point. Length 1" diam. 1/4". May be used on 250 volts, AC or DC. High Speed action. **Type 8AG**

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
K12339	1/200	5	500	18¢	\$1.95	over 1000	Galv.
K12385	1/100	10	110	12¢	\$1.32	1000	up to 0-1
K12386	1/25	25	20			500-1000	1-10
K12387	1/60	60	5			100-500	10-25
K12389	1/100	100	1.5			20-100	25-75
K12388	1/4	100	3			20-100	25-75
K12390	1/2	200	6.2			10-20	75-150
K12391	1/2	300	3.0	9¢	\$1.00	5-10	150-250
K12392	1/2	400	2.5			3-5	250-350
K12393	1/2	600	4				350-500
K12394	1	1000	24	6¢	65¢		500-750
K12395	2	2000	14				1000-1500

## Continental Carbon Multiplier Resistors

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 ±5%.

No.	Ohms	Volts	No.	Ohms	Volts	No.	Ohms	Volts
K12286	1450	1.5*	K12298	10000	10	K12310	200000	200
K12287	2950	3*	K12299	18500	13.5	K12311	250000	250
K12288	3500	3.5	K12300	15000	15	K12312	300000	300
K12289	4450	4.5*	K12301	25000	25	K12313	450000	450
K12290	4950	5*	K12302	30000	30	K12314	500000	500
K12291	5000	5	K12303	50000	50	K12315	600000	600
K12292	5500	5.5	K12304	60000	60	K12316	750000	750
K12293	5950	6*	K12305	75000	75	K12317	800000	800
K12294	7450	7.5*	K12306	85000	85	K12318	900000	900
K12295	8500	8.5	K12307	90000	90	K12319	1 Meg.	1000
K12296	8950	9*	K12308	100000	100			
K12297	9950	10*	K12309	150000	150			

\* Allow for 50 ohm meter resistance. Each, Any Size **18¢**

## LITTELFUSES For Radio Sets and Amplifiers

**Type 3-AG.** 1 1/4 x 1/4". Approved.

250 Volt		500 Volt	
No.	Amps.	No.	Amps.
K12378	1	K12396	1/2
K12379	1 1/2	K12397	1/2
K12380	2	K12398	1/2
K12381	3	K12399	1/2
Above, Each 5¢		Above, Each 9¢	
12 for 54¢		12 for 97¢	

## Bakelite Fuse Mounts

**Sub-Panel Type** Molded bakelite. 1" 6-32 studs. For instrument fuses only.  
**K12382—Your Cost Each 12¢**

Same as above, but for 1 1/4 x 1/4" fuses (type 3AG).  
**K12327—Each 12¢**

**Panel Type** Molded bakelite. 1 1/2 x 1 1/2 x 3/8". For 1" instrument type fuses only. Plated fuse clips.  
**K12383—Your Cost 9¢**  
Same as above, but for 1 1/4 x 1/4" fuses (type 3AG).  
**K12324—Each 9¢**

Let us quote on any test instrument accessories not listed.

# Panel Meters & Accessories

## STERLING Meters



Efficient panel meters with 2" scales, 2 1/4" overall, plated flanges. Sensitive, accurate movements. Binding post terminals on backs of cases. For flush panel front mtg. Wt. 1 lb.

### D.C. Voltmeters

K10903	-0-3 volts	73c
K10904	-0-6 volts	73c
K10905	-0-10 volts	73c
K10906	-0-15 volts	73c
K10908	-0-25 volts	73c
K10907	-0-50 volts	73c
K10911	-0-75 volts	88c
K10912	-0-100 volts	97c
K10914	-0-3-3 volts	73c
K10915	-0-3-160 volts	\$1.47
K10916	-0-12-240 volts	1.76

### High Resistance Type

K10909	-0-25 volts	\$1.76
K10910	-0-50 volts	2.12
K10913	-0-100 volts	2.12

### D.C. Ammeters

K10896	-10-0-10 amps	73c
K10899	-20-0-20 amps	73c
K10890	-0-15 amps	88c
K10881	-0-30 amps	\$1.18
K10882	-0-50 amps	1.29

### D.C. Milliampmeters

No.	Ma.	No.	Ma.
K10890	0-15	K10895	0-200
K10891	0-25	K10896	0-300
K10892	0-50	K10897	0-400
K10893	0-100	K10898	0-500
K10894	0-150		

Any Type Each		73c
K10885	-0-5 ma. Each	\$1.47
K10889	-0-10 ma. Each	1.29
K10879	-0-20-100 ma. Each	1.29

## STERLING Pocket Meters

For Testing "A" and "B" Batteries



In nicked finish cases 2 1/4" in dia., 5/8" thick. All except No. 30 have flexible plugs.

No. 37A: For small batteries. 0-50 and 0-2 v. **\$1.47**

No. 38A: For medium batteries. 0-100 and 0-2 v. **\$1.62**

No. 39A: For large batteries. 0-150 and 0-2 v. **\$1.62**

No. 40A: For 3-way set batteries. 0-150 and 0-10 v. **\$1.76**

No. 42A: General tester. Red and green color chart for all standard batteries, including 45 v. and 90 v. "B", 1 1/2, 4 1/2, 6 and 7 1/2 v. "A", 0-100 v. scale for special "B" batteries, 5 v. divisions.

K10877—Your Cost Each **\$3.53**

No. 30: Air Cell Tester (2 volt). K10887—Your Cost Each **\$1.03**

## Miniature Tube Adapters



Unwired. Consist of a drawn steel black japanned cap containing a miniature socket, attached to an octal base plug. With instructions. For any tube tester having an octal socket.

K11537—For RCA types 1S4, 1T4, 1R5, 1S5, etc. miniature tubes.

K11540—For Hytron Bantam Jr. tubes (HY113, 115, 125) Either Type, Each **29c**

## Universal Output Meter Adapter



Contacts plate prong of tube. Flexible 50" lead; phone tip at end. K11603—Each **22c**

## READRITE Square and Round Meters



Model 55, round, with clamp, nickeled. Model 95, square, black enameled. 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	\$1.47 0-5	K11150	\$1.71 0-5
K11100	1.29 0-10	K11151	1.53 0-10
K11101	.65 0-15	K11152	.88 0-15
K11102	.65 0-25	K11153	.88 0-25
K11103	.65 0-50	K11154	.88 0-50
K11104	.65 0-100	K11155	.88 0-100
K11105	.65 0-150	K11156	.88 0-150
K11106	.65 0-200	K11157	.88 0-200
K11107	.65 0-300	K11158	.88 0-300
K11108	.65 0-400	K11159	.88 0-400
K11110	1.29 0-15/150	K11161	1.53 0-15/150

### D.C. AMMETERS

K11091	\$0.65 0-1	K11162	\$0.88 0-1
K11092	.65 0-3	K11163	.88 0-3
K11093	.65 0-5	K11164	.88 0-5
K11094	.65 0-10	K11165	.88 0-10
K11096	.65 3-0-3	K11167	.88 3-0-3
K11097	.65 6-0-6	K11168	.88 6-0-6
K11098	.65 10-0-10	K11169	.88 10-0-10
K11099	.65 20-0-20	K11170	.88 20-0-20

### A.C. MILLIAMMETERS

K11087	\$1.79 0-50	K11000	\$2.03 0-50
K11088	1.79 0-100	K11001	2.03 0-100
K11089	1.79 0-250	K11002	2.03 0-250
K11090	1.79 0-500	K11003	2.03 0-500

### A.C. AMMETERS

K11081	\$1.79 0-1	K11004	\$2.03 0-1
K11082	1.79 0-3	K11005	2.03 0-3
K11083	1.79 0-5	K11006	2.03 0-5
K11084	1.79 0-10	K11007	2.03 0-10
K11085	1.79 0-50	K11008	2.68 0-50

### D.C. VOLTMETERS

Model 55		Model 95	
No.	Each	No.	Each
K11051	\$0.65 0-1	K11009	\$0.88 0-1
K11052	.65 0-3	K11010	.88 0-3
K11053	.65 0-5	K11011	.88 0-5
K11054	.65 0-6	K11012	.88 0-6
K11055	.65 0-8	K11013	.88 0-8
K11056	.65 0-10	K11014	.88 0-10
K11057	.65 0-15	K11015	.88 0-15
K11059	.65 0-25	K11016	.88 0-25
K11060	1.79 0-25*	K11017	2.03 0-25*
K11061	.82 0-50	K11018	.88 0-50
K11062	1.12 0-50*	K11019	1.25 0-50*
K11063	.97 0-100	K11020	1.21 0-100
K11064	1.12 0-100*	K11022	1.35 0-100*
K11065	1.15 0-150	K11023	1.38 0-150
K11066	1.12 0-150*	K11024	1.35 0-150*
K11067	1.12 0-300	K11025	2.35 0-300
K11068	2.91 0-500	K11026	3.15 0-500
K11069	2.91 0-60/300	K11027	3.15 0-60/300

\* Indicates high resistance meters.

### A.C. VOLTMETERS

K11072	\$1.79 0-4	K11028	\$2.03 0-4
K11073	1.79 0-6	K11029	2.03 0-6
K11074	1.79 0-10	K11030	2.03 0-10
K11075	1.79 0-15	K11031	2.03 0-15
K11076	2.91 0-150	K11032	3.15 0-150
K11077	3.56 0-300	K11033	3.80 0-300
K11079	5.03 0-750	K11034	5.27 0-750
K11080	2.91 0-10-140	K11035	3.15 0-10-140

Wide Flange for Model 55 (Round) Meters 2 1/4" outside diameter. Black enamel finish. K11041—Your Cost Each **9c**

## READRITE D.C. Pocket Meters

Convenient and reliable. For radio, electrical and hearing aid devices. 1" prods. Test all batteries.

Stock No.	Range, Direct Current	Each
K11021	40 Amperes	65c
K11036	0-5-50 Volts	82c
K11037	50 Volts	65c
K11038	5 Volts	65c
K11039	40 Amperes and 50 Volts	97c
K11040	Storage Battery Tester	65c
K11043	"A" Battery Tester (3 volts)	97c
K11044	0-1 1/2-50 Volts	82c
K11045	0-1 1/2-90 Volts	97c
K11046	0-90 Volts	82c
K11047	0-7 1/2-90 Volts	97c
K11048	0-10-100 Volts	97c



## READRITE Tuning Meters

Four popular types available with either 10 or 15 milliampere 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.	
K11182	K11183 A	
K11186	K11187 B	
K11190	K11191 C	96c
K11295	K11296 D	Each

Escutcheon Plates  
K11293—For Type A-B. K11294—For Type C-D. Your Cost Each **19c**



## AMPHENOL Unwired Adapters



Make your own adapter, to meet your requirements. Tops and Bases available in all types. Bases are black only, with 1/2" 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.

Side Stud Only  
Used in above adapter bases. K11576—Your Cost Each **6c**

Prongs	Adapt. Top Stock No.	Adapt. Base Stock No.
4	K11562	K11569
5	K11563	K11570
6	K11564	K11571
7 small	K11565	K11572
7 large	K11566	K11573
7 comb.*	K11567	
8 octal	K11567	K11574
8 octal Lok.	K11568	K11575

\*7C top fits only 7L and 8L bases. †Large dia. base. Fits 7 comb. top. Adapt. Tops 12c | Adapt. Bases 12c

## 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	
K10681	0-15	K10762	\$6.61
K10685	0-50	K10763	
K10686	0-100	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

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

\*—Case 3x3 1/4".

## 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.

No.	Range	Each
K11196	0-1 Ma.	\$4.37
K11197	0-10 Ma.	
K11198	0-100 Ma.	\$3.56
K11199	0-200 Ma.	

Bayonet pilot light socket. K11173—Each **12c**

### MODEL 3—3" SQUARE

Like above, but have metal scale, Bakelite case. Not illuminated.

No.	Range	Each
K11174	0-1 Ma.	\$3.88
K11175	0-10 Ma.	
K11176	0-200 Ma.	\$3.07
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 1/4" hole. Shpg. wt. 2 lbs. Each

K10445	-0-1.5 amps.	
K10446	-0-3 amps.	\$3.43
K10447	-0-5 amps.	

## Universal Adapters

Adapters have all terminals brought out for rapid connections.

K11630	—4 Prong	
K11631	—5 Prong	
K11632	—6 Prong	
K11633	—7 Prong	
K11634	—8 Prong (octal)	19c

# TRIPLET PRECISION PANEL METERS



## D.C. Ammeters With External Shunt

These precision instruments incorporate the finest materials, and are assembled by skilled craftsmen. Molded cases; terminals molded



in. With external shunt. Prices on higher range meters, or on a.c. Ammeters with current transformers, available on application.

Range	221-2" Round	321-3" Round	426-4" Square	626-6" Square
Amps.	No. Each	No. Each	No. Each	No. Each
0-50	K10926 \$4.87	K10937 \$5.78	K10948 \$7.03	K10959 \$8.46
0-75	K10927 4.87	K10938 5.78	K10949 7.03	K10960 8.54
0-100	K10928 7.18	K10939 8.10	K10950 9.34	K10961 10.78
0-150	K10929 7.18	K10940 8.10	K10951 9.34	K10962 10.78
0-200	K10930 7.18	K10941 8.10	K10952 9.34	K10963 10.78
0-300	K10931 7.74	K10942 8.65	K10953 9.90	K10964 11.34
0-400	K10932 8.99	K10943 9.90	K10954 11.14	K10965 12.58
0-500	K10933 10.26	K10944 11.17	K10955 12.42	K10966 13.85
0-600	K10934 11.50	K10945 12.42	K10956 13.65	K10967 15.09
0-800	K10935 14.01	K10946 14.93	K10957 16.17	K10968 17.61
0-1000	K10936 17.61	K10947 18.52	K10958 19.77	K10969 21.20

**NOTE:** We can supply any Triplet equipment not listed here on special order, at regular dealers prices. Your orders will be given immediate attention as soon as they are sent in.

## 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.

Model	Size	Shape	Price
K11442	Model 321	3" Round	\$5.39
K11388	Model 326	3" Square	5.39
K11278	Model 421	4" Square	6.83
K11297	Model 521	5" Round	7.55
K11285	Model 726	7" Square	12.58



## SHUNTS AND RESISTORS FOR ABOVE INSTRUMENTS

Resistors, on bakelite, for 0-10-50-250-500-1000 volts.	<b>\$7.91</b>
K11368—Your Cost	
Shunts for 0-1-10-50-250 ma.; current limiting resistors for low and high ohms and shunt for low ohms.	<b>\$2.52</b>
K11369—Mounted on bakelite. Your Cost	
K11370—Zero adjust, rheostat for ohms ranges. Each	72c
Multi-Deck Selector Switch (2 decks). With knob.	<b>\$1.44</b>
K11371—Your Cost	

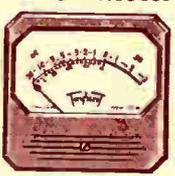
## Power Level Indicators



For measuring noise levels in P.A., theaters, broadcast stations, etc. Range reads up 6 and down 10 db. Zero db at 1.73 volts.

500 ohm lines, 6 milliwatts. Standard damping. Wt. 3 lbs.	
Model 321, 3" dia.	<b>\$8.46</b>
K11446—Each	
Model 421, 4" sq.	<b>\$14.21</b>
K11447—Each	
Decibel Meter Kit: Includes K11446 3" meter, selector switch, 9 wire-wound multipliers on bakelite board, hook-up wire and diagrams.	<b>\$17.09</b>
K11448—Each	

## Triplet "V-U" Meter



For measuring sound or noise levels, including broadcast monitoring. Ideal for P.A. or communication systems. Balistic 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—Each	<b>\$25.87</b>
-------------	----------------

## High Range D.C. Voltmeters

All 1000 ohms per volt. With external metallized multiplier on bakelite strip. 3" molded cases. Mod. 321—Round; Mod. 327A—Square.			
321	327A	321	327A
No.	No.	Range	Each
K11550	K11556	0-1000	\$0.30
K11551	K11557	0-1500	
K11552	K11558	0-2000	\$0.38

## Thermo-Ammeters with Built-in Couples

For r.f. measurements, ant. radiation indication, etc.				
Model 341		Model 347A		
3" Round	3" Square	3" Round	3" Square	
No.	Each	Amps.	No.	
K11229	\$4.87	0.5	K11220	\$4.87
K11235	4.87	1.0	K11221	4.87
K11238	4.87	1.5	K11222	4.87
K11239	4.87	2.5	K11227	4.87
K11246	4.87	5.0	K11228	4.87

## Thermo-Ammeters with External Couple

Model 341		Model 241	
3" Round	3" Round	3" Round	3" Round
No.	Cost	Amps.	No.
K11389		0.5	K11428
K11391		1.0	K11425
K11390	\$7.18	1.5	K11430
K11392		2.5	K11426
K11393		5.0	K11427

Replacement couples on order, any range, specify. Each \$2.87



## TRIPLET 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%.

## D.C. Milliammeters—Round and Square Case

Range	2" Round		2" Square		3" Round		3" Square		4" Square	
	No.	Each	No.	Each	No.	Each	No.	Each	No.	Each
0-1	K11208	\$4.15	K11288	\$4.15	K11200	\$5.03	K11320	\$5.03	K11336	\$6.47
0-1.5	K11209	4.15	K11289	4.15	K11201	5.03	K11321	5.03	K11337	6.47
0-3	K11415	4.15	K11290	4.15	K11411	4.15	K11322	4.15	K11338	5.39
0-5	K11416	3.23	K11298	3.23	K11412	4.15	K11323	4.15	K11339	5.39
0-10	K11210	3.23	K11299	3.23	K11202	4.15	K11324	4.15	K11340	5.39
0-15	K11211	3.23	K11300	3.23	K11203	4.15	K11325	4.15	K11341	5.39
0-25	K11398	3.23	K11306	3.23	K11394	4.15	K11326	4.15	K11342	5.39
0-50	K11212	3.23	K11309	3.23	K11204	4.15	K11327	4.15	K11343	5.39
0-100	K11213	3.23	K11311	3.23	K11205	4.15	K11328	4.15	K11344	5.39
0-150	K11417	3.23	K11312	3.23	K11413	4.15	K11329	4.15	K11345	5.39
0-200	K11214	3.23	K11313	3.23	K11206	4.15	K11330	4.15	K11346	5.39
0-250	K11418	3.23	K11314	3.23	K11414	4.15	K11331	4.15	K11347	5.39
0-300	K11287	3.23	K11315	3.23	K11395	4.15	K11332	4.15	K11348	5.39
0-500	K11215	3.23	K11316	3.23	K11207	4.15	K11333	4.15	K11349	5.39
0-750	K11400	3.23	K11317	3.23	K11396	4.15	K11334	4.15	K11350	5.39
0-1000	K11401	3.23	K11318	3.23	K11397	4.15	K11335	4.15	K11351	5.39

## D.C. Microammeters—Round and Square Case

0-50			K11352	\$10.78	K11358	\$12.05
0-100			K11353	9.38	K11359	10.61
0-200	K11432	\$7.55	K11434	8.62	K11360	10.06
0-500	K11433	5.59	K11435	6.66	K11361	7.74

## A.C. Voltmeters—Round and Square Case

Range	2" Round		2" Square		3" Round		3" Square		4" Square	
	No.	Each	No.	Each	No.	Each	No.	Each	No.	Each
0-5	K11280	\$3.23	K11449	\$3.23	K11273	\$4.15	K11459	\$4.15	K11466	\$5.39
0-10	K11281	3.23	K11454	3.23	K11274	4.15	K11460	4.15	K11467	5.39
0-15	K11282	3.23	K11455	3.23	K11275	4.15	K11461	4.15	K11468	5.39
0-25	K11283	3.23	K11456	3.23	K11276	4.15	K11462	4.15	K11469	5.39
0-50	K11284	3.23	K11457	3.23	K11277	4.15	K11463	4.15	K11470	5.39
0-150	K11285	4.15	K11458	4.15	K11278	5.03	K11464	5.03	K11471	6.47
0-300	K11409	5.22	K11458	5.22	K11406	5.95	K11464	5.95	K11383	7.03
0-16-150					K11408	6.66	K11465	6.66		

## D.C. VOLTMETERS

Model 321—1000 Ohms/Volt		
No.	Range	Each
K11240	0-10	\$5.95
K11241	0-50	
K11242	0-100	\$6.30
K11243	0-150	
K11244	0-500	\$7.91

## D.C. VOLTMETERS

125 Ohms per Volt				
Model 321		Model 221		
No.	Each	No.	Each	
K11230	0-5	K11247	\$3.23	
K11231	0-10	K11248		
K11232	0-15	K11249		
K11233	0-25	K11250	\$3.23	
K11234	0-50	K11251		
K11236	0-150	K11253		
K11237	\$5.03	0-250	K11254	\$4.15
K11404	6.66	0-500	K11405	5.59

## METER DIMENSIONS

Model	Flange	Body Dia.
221, 231, 241	2 1/4"	2 5/8"
227A, 237A	2 3/8"	2 5/8"
321, 331, 341	3 1/2"	2 3/4"
327A, 337A, 347A	3 x 3"	2 3/4"
426, 436	4 1/2 x 4"	3 1/2"
521, 531	5 1/2"	4 1/2"
626, 636	6 x 5 1/2"	4 1/2"
726, 736	7 1/2 x 6 1/2"	3 3/4"

## A.C. MILLIAMMETERS

Model 331			Model 231		
No.	Each	Amps.	No.	Each	Amps.
K11419	\$4.87	0-10	K11420	\$3.95	
K11265	\$4.15	0-15	K11269	\$3.23	
K11266		0-25	K11270		
K11267		0-50	K11271		
K11268		0-100	K11272	\$3.23	
K11421	\$4.15	0-250	K11423		
K11422		0-500	K11424		

## A.C. AMMETERS

Model 331			Model 231		
No.	Each	Amps.	No.	Each	Amps.
K11255	\$4.15	0-1	K11260	\$3.23	
K11256		0-3	K11261		
K11257	\$4.15	0-5	K11262	\$3.23	
K11258		0-10	K11263		
K11259	\$5.03	0-25	K11264	\$4.15	
K11429		0-30	K11384		
K11431	\$6.47	0-50	K11385	\$5.59	

## D.C. AMMETERS

With internal shunt.			
Model 321		Model 221	
No.	Each	Amps.	No.
K11216		0-1	K11223
K11372		0-3	K11376
K11217		0-5	K11224
K11218	\$4.15	0-10	K11225
K11373		0-15	K11377
K11374		0-25	K11378
K11375		0-30	K11379

## 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.



## TRUTEST Meter Cases

Black crackle finish steel cases 4x4x1/4" high. Two ceramic insulators. Wt. 2 lbs.



K10398—2 1/4" hole  
K10399—2 1/8" hole  
Your **\$1.03**



# DEALERS' and SERVICEMENS'

## Special Values! GERNSBACK'S Service Manuals



Save over 60% from list on these helpful text books! But hurry!! Our stocks are limited. Volumes listed as less binder contain all pages in order, banded; you can obtain

loose-leaf covers to fit in any stationery store.

**VOLUME 4:** 1200 pages on sets from 1935 to 1936. Without binder. Shpg. wt. 3 lbs. List \$6.00  
**K19663** Your Cost Each ..... **\$2.19**

**VOLUME 4:** 400 pages on 1933-34 sets. Without binder. Shpg. wt. 2 lbs. List \$2.50  
**K20018**—Each ..... **98c**

**VOLUME 2:** 800 pages on 1932 sets. With binder. Shpg. wt. 3 lbs. List \$5.00  
**K19639**—Each ..... **\$1.95**

**K19636**—Same, less binder. \$1.19  
**1935 Auto Radio Manual** Without binder. Shpg. wt. 2 lbs. List \$1.50  
Your Cost ..... **59c**

## Books For the Young Radio Experimenter



A series written especially for the beginner in radio and electricity. Specialists tell how and why in simple language. 5x6 1/4".

**K1955**—No. 1. How to Build 4 Doerle

Short-Wave Sets.

**K19970**—No. 2. How to Make the Most Popular All-Wave 1 and 2-Tube Receivers.

**K19972**—No. 3. Alternating Current for Beginners.

**K19958**—No. 4. All About Aerials.

**K20008**—No. 5. Beginner's Radio Dictionary.

**K20009**—No. 6. How to Have Fun With Radio.

**K20010**—No. 7. How to Read Radio Diagrams.

**K20011**—No. 8. Radio For Beginners.

**K20003**—No. 9. Simple Electrical Experiments.

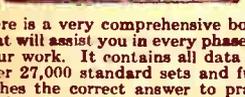
**K20004**—No. 10. Television.

Any Title Above, Your Cost Each ..... **10c**

5 For ..... **40c**

10 For ..... **75c**

## MALLORY-YAXLEY Encyclopedia—4th Edition



Here is a very comprehensive book that will assist you in every phase of your work. It contains all data on over 27,000 standard sets and furnishes the correct answer to practically all service problems encountered. Over 400 pages of IF peaks, volume control data, vibrators, tubes, circuits, condensers, part numbers, etc. 10 1/4 x 8 1/4". Wt. 2 lbs.  
**K19786**—Your Cost ..... **95c**

## SERVICING BOOKS BY GHIRARDI

### Ghirardi's Radio Physics Course (Latest Revised Edition)



This famous text has long been the radio "bible" for teaching fundamentals of radio and television to beginners and students. 972 pages with over 500 illustrations covering every phase of radio, public address, talking pictures, television, photo-cells, elements of a.c. and d.c. electricity. Used in schools everywhere for both military and civilian radio training. Cloth binding. Shipped postpaid in U. S. A.  
**K19897**—Your Cost ..... **\$5.00**

### Modern Radio Servicing

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. **\$5.00**  
Your Cost .....



### 2nd Edition Radio Troubleshooter's Handbook

New revised second edition. 40% larger! Over 400 new pages! "Case histories" of over 4,600 receivers and automatic record changers! 50-page tabulation of IF peaks of 20,173 superhets and alignment data for practically every superhet known! 60 pages of auto radio charts and data! Covers 1,250 portable radio models! 20-page tube chart! And loads of other information covering manufacturer's names, data on ballasts, pilot lamps, tube testing, magnet wire, tuning coils, grid bias resistors, condensers, transformers, parallel and series networks, decibels, volume and tone controls, filters, conversion factors, reactance charts, servicing data, etc., etc. 710 pages 8 1/2 x 11" in size.  
**K19959**—Postpaid in U. S. A. **\$5.00**  
SAVE MONEY! Order the above two books together. Shipped postpaid in U. S. A. Both For **\$9.50**

etc., etc. 710 pages 8 1/2 x 11" in size.

**K19959**—Postpaid in U. S. A. **\$5.00**

SAVE MONEY! Order the above two books together. Shipped postpaid in U. S. A. Both For **\$9.50**

### 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.  
**K19932**—Home Radio Sets | Each ..... **50c**  
**K19933**—Auto Radio Sets



## RADIOCRAFT Servicemen's Library



All new, all up-to-date books, written by experts and technically approved by Radiocraft. Well-illustrated 6x9" volumes. List Price 50c each. Now offered at 60% off! Quantity Limited—Order Now!

**K19909**—Breaking into Radio Servicing.

**K19911**—Practical Radio Kinks.

**K20228**—Modern Battery Radio Sets.

**K19890**—Cathode Ray Oscilloscope.

**K20229**—Home-made Radio Test Instruments.

**K19912**—New Radio Questions and Answers.

**K19961**—Practical Public Address.

**K19929**—Auto Radio Principles and Practices.

Any Above Each ..... **19c**

### SET OF 8 BOOKS

One Each of The Above.

**K20230**—Special ..... **\$1.25**

### Armature and Magnet Winding



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.  
**K19719**—Your Cost ..... **\$1.25**

## AMPLIFIER HANDBOOK "Public Address Guide"



All the essential system and amplifier data for sound men, servicemen, dealers, etc. Includes fundamentals, amplifier tube data, circuits, microphones, speakers, power supplies, recording, acoustics, sales hints, school systems, etc. Compiled from material supplied by manufacturers. 64 pages, 6x9".

**K19725**—Your Cost ..... **25c**

## How To Make Good Recordings



Explains how to make "commercial quality" recordings. Tells all the "tricks" used by the experts. Describes equipment, needles, discs, turntable drives, etc. Profusely illustrated. 5 1/2 x 8 1/4".

**K19991**—Postpaid Your Cost ..... **90c**

## "Fun With A Recorder"

30 amusing skits in radioscrypt form. Each cued for sound effects. Sure-fire entertainment for the family. Complete instructions. Makes owning a recorder really worthwhile. Postpaid in U. S. A.  
**K20015**—Your Cost ..... **70c**

## SOMETHING NEW 1941



## Radio Circuit Manual

By increasing the size of each page, discarding non-essential data and editing the balance, listing only those receivers which the Service Engineer will definitely get to repair and putting in many months of hard work in obtaining all of the information needed to do a good repair job the publishers of Radio-Craft now bring you a new and better type of circuit manual. It is easier to handle because it is thinner than the usual manual in spite of its completeness. 13 1/2 x 10 1/4 x 2" thick. 736 pages cover more than 1800 models made during 1940 and up to June 1941. Shipped postpaid in U. S. A.  
**K20231**—Your Cost ..... **\$9.80**

## Supreme Publications Record Player Manual

Hundreds of mechanical and electrical diagrams and instructions for repairing automatic record changers, pickups, wireless oscillators, recorders and combinations. 132 large pages 8 1/2 x 11".  
**K20232**—Your Cost ..... **\$1.50**

## Other Valuable Manuals

**K20233**—How To Modernize Radios for Profit ..... **\$1.00**

**K20234**—Radio Servicing Course. Your Cost ..... **\$2.50**

**K20235**—Simplified Radio Servicing by Comparison ..... **\$1.50**

**K20236**—Practical Radio Mathematics ..... **25c**

## Most Often Needed Diagrams

**K20227**—Vol. 5, 1942 ..... **\$2.00**

**K19674**—Vol. 4, 1941 ..... **\$2.00**

**K19673**—Vol. 3, 1940 ..... **\$2.00**

**K19672**—Vol. 2, 1939 ..... **\$2.00**

**K19710**—Vol. 1, 1926-38 ..... **\$2.50**

**K20237**—Stewart Warner ..... **50c**

**K20238**—General Electric ..... **50c**

**K20239**—Arvin (Noblitt-Sparks) Manual ..... **50c**

**K20240**—Motorola Auto Radio Service Manual ..... **\$1.50**

## All Supreme Books Shipped Postpaid in U. S. A. Only

## 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 and complete transformer catalog. 130 pages, profusely illustrated. Loose-leaf binding. Size 8 1/2 x 11".  
**K19987**—Wt. 2 lbs. Each ..... **21c**

## Sound Amplifier Guide

From above Manual. Contains information on construction and installation of sound equipment, including amplifier schematics, mounting templates, etc. 82 p.  
**K20005**—Your Cost ..... **9c**

## Electrolytic Capacitors

Author is chief-engineer of Cornell-Dubilier Electrolytic Division and an authority on this subject. Well illustrated. 300 pages.  
**K19727**—Special ..... **98c**

## Electric Eye Booklet

By Eby. 32 pages of data on electric eye types, theory, applications.  
**K20016**—Your Cost ..... **44c**

## Radio Interference Manual

By Sprague Products Company Deals with the causes and problems of radio interference, and cures.  
**K19724**—Your Cost ..... **25c**

**NOTE - TECHNICAL BOOKS ARE NOT RETURNABLE**

# DATA and TECHNICAL BOOKS



## McGraw-Hill Books



A listing of some of the finest technical books ever written. These books should be in every serious radio student's library. The Service Engineer in particular will find them extremely helpful in his work.

**Practical Radio Communication.** By Nilson and Hornung. Covers receiving, transmitting and practical design. Over 754 pages.  
K20020—Wt. 3 lbs. **\$4.90**  
Your Cost

**Radio Construction and Repairing.** By Moyer and Westrel. Installing, repairing and testing modern sets. 444 pages.  
K19996—Wt. 3 lbs. **\$2.45**  
Your Cost

**Radio Engineering Handbook.** By Keith Henney. Technical compilation by radio authorities. 954 pages. Wt. 2 lbs.  
K19983—Each **\$4.90**

**Fundamentals of Radio.** By F. E. Terman. Covers fundamentals of important branches of radio. 458 pages. Wt. 3 lbs.  
K19896—Each **\$3.75**

**Radio Service Trade Kinks.** By Simon. Chock full of service notes. Spiral bound, lays flat on bench. 269 pages, 7x10". Wt. 4 lbs.  
K19732—**\$2.94**  
Your Cost

**Radio Engineering.** By Terman. Comprehensive engineering treatise covering important vacuum tube and radio phenomena. A technical book for technical men. 688 pages. 418 illustrations.  
K20221—Wt. 3 lbs. **\$5.39**  
Your Cost

**Measurements in Radio Engineering.** By Terman. Techniques and equipment with emphasis on principles involved in design and construction of laboratory equipment that is practical, simple and highly accurate. 400 pages. 208 illustrations. Wt. 2 lbs.  
K20222—Your Cost **\$3.82**

**Principles and Practice of Radio Servicing.** For the serviceman who wishes to improve his technical knowledge. 300 pages. 6x9". Wt. 3 lbs.  
K19735—Each **\$2.94**

**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. Wt. 3 lbs.  
K19720—Your Cost **\$4.90**

**Understanding Radio.** By Watson, Welch and Eby. Teaches the newcomer theory, construction and operation of radio circuits. A complete basic course for the prospective engineer, serviceman or operator. 601 pages, 406 illustrations. Wt. 2 lbs.  
K20223—Your Cost **\$2.74**

**Electronics.** By Millman and Seely. Complete discussion of electronic principles and their technical and engineering applications. 699 pages. Wt. 3 lbs.  
K20224—Your Cost **\$4.90**

**Manly's Radio and Electronic Dictionary.** Defines 3800 terms in alphabetical order. 300 pages, 6x9". 550 illustrations. Maroon binding. Wt. 3 lbs.  
K19939—Each **\$2.19**  
**Drakes Cyclopedic.** Latest revised edition. Practical data on receivers, transmitters, television, talkies, PA, etc. 1048 pages 9x6 1/2". Wt. 5 lbs.  
K19938—**\$3.92**  
Your Cost

## RIDER'S MANUALS AND TEXT BOOKS

New! Volume XIII—The Latest!



Now more than ever before do you need complete authoritative information on the latest sets. What with AM-FM circuits, tone equalization circuits, new tubes, etc., etc., the new sets are real "stickers" unless you have the right "dope".  
1672 pages.  
K20026—Vol. XIII. **\$10.78**  
Your Cost  
K19784—Vol. XII **\$10.78**  
Your Cost  
VOLUME XI: 1652 pages plus a vest pocket Handbook. Sets to May 1940. **\$10.78**  
K19898—Your Cost

Vol. 10: 1664 pages, covering all data on sets up to 1939. Includes television, facsimile, wireless players, etc.  
K19738—Each **\$10.78**

Vol. 9: 1672 pages. Sets 1938-1939. Includes index covering volumes 1-9.  
K19893—Each **\$10.78**

Vol. 8: 1660 pages. Late 1937 through 1938 sets. Alignment data given.  
K19892—Each **\$10.78**

Vol. 7: 1600 pages. Covers from Oct. 1936 to Oct. 1937.  
K19951—**\$10.78**  
Your Cost

Vol. 6: 1240 pages. Over 940 different models, late 1934 through 1935.  
K19942—Each **\$8.08**

Vol. 5: 1200 pages covering over 946 different receivers. Complete service data, schematic diagrams, etc. Covers all 1934 models.  
K19957—**\$8.08**  
Your Cost

Vol. 4: 1060 pages. June 1933 to March 1934. A "must" for the serviceman.  
K19976—Each **\$8.08**

Vol. 3: 1070 pages. Covers models from June 1932 through June 1933. Complete index.  
K19924—Each **\$8.08**

Vol. 1-5: A new abridged volume taking the place of the five original individual volumes. All the important sets from 1930 to 1935 in one giant 2000 page volume.  
K19684—**\$12.25**  
Your Cost

### Servicing by Signal Tracing



Tells how to locate troubles in receivers quickly and accurately. Actual signals used for localizing and determining set ailments. 360 profusely illustrated pages.  
K19737—Your Cost **\$2.94**

K20225—Spanish Edition. Covers same material given in the above English edition.  
Your Cost **\$3.43**



**Servicing Superheterodynes.** Covers theory of all types of superhets and answers all questions pertaining to their servicing. 288 pages.  
K19927—**95¢**  
Your Cost

**Automatic Frequency Control Systems.** Theory, as well as breakdown analysis in commercial sets. 144 pages.  
K20007—Your Cost **\$1.22**

**Aligning Philco Receivers.** Vol. 1: Authoritative collection of alignment data covering every Philco Set. 176 pages. **\$1.47**  
K19975—Each  
Vol. 2: 1937 to 1941. 200 pages. Postpaid.  
K19709—Your Cost **\$1.71**

**Servicing Receivers by Means of Resistance Measurement.** How to localize set troubles with an ohmmeter. 203 pages.  
K19928—**\$1.47**  
Your Cost

**The Meter at Work:** Book is cleverly arranged with text separated from the illustrations. 152 pages.  
K20058—Each **\$1.47**

**The Oscillator at Work.** Covers all types of signal generators and oscillators. 256 pages. **\$1.96**  
K19739—Each

**Vacuum-Tube Voltmeters.** Includes theory and practice. 180 pages.  
K19783—Each **\$1.96**

### Frequency Modulation

More and more F. M. transmitters are going on the air—manufacturers are selling the special receivers and converters for picking up these signals. This book tells how to service these receivers and converters—why and how they operate. 136 pages, 5 1/2 x 8".  
K19745—**\$1.47**  
Each



### RIDER Text Books "Hour a Day with Rider"



Start from the beginning with John Rider as your personal instructor and really learn theory and practice. Each book is written in simple language, is sturdily and handsomely bound and profusely illustrated. Each text measures 8 1/2 x 5 1/2". A real profitmaker for the serviceman.

K20030—Alternating Currents in Radio Receivers.  
K20031—On Resonance and Alignment.  
K20032—D. C. Voltage Distribution in Radio Receivers.  
K20033—On Automatic Volume Control.  
Your Cost Each, **88¢**  
Any Above Titles

### "Cathode Ray Tube at Work"

338 profusely illustrated pages covering theory and application of the C-R tube.  
K20017—**\$2.94**  
Each



All Rider Books Shipped Postpaid Anywhere in U. S. A. Only.

## New! Rider's Automatic Record Changers & Recorders

Just what you have been waiting for! All the dope you need to repair these highly complicated mechanical marvels. You'll be surprised at how easy it is to understand them when you look them up in this new Rider manual. Sharp, clear pictures illustrate every phase of their operation. A "must" for every service shop. 744 pages, same size as other Rider manuals. **\$5.88**  
K19642—Your Cost



## RCA MANUALS



A valuable series of service manuals covering RCA sets from 1938-1940. Stiff covers, fabric covered. Wt. 3 lbs. each.  
K19740—1938, 416 pages.  
K20048—1939, 406 pages.

K19798—1940, 352 pages.  
Any Above, **\$1.50**  
Each

**The Radio Manual.** By Sterling. Third edition. Covers fundamentals, amateur radio, broadcasting, marine radio and police radio. 1120 pages 6 1/2 x 9 1/4". Semi-flexible binding. Wt. 4 lbs.  
K19729—Your Cost **\$5.88**

**Photocells and Their Application.** By Zworykin and Wilson. 2nd edition. 348 pages covering theory and practice including television, talkies, facsimile, etc. Wt. 4 lbs.  
K19886—Your Cost **\$2.94**

**Practical Dynamic Testing.** By Mohaupt. C.R. Oscilloscope and F.M. Signal Generator; how to use them. Wt. 2 lbs.  
K19731—Each **85¢**

**Principles of Radio.** By Keith Henney. Deals with fundamentals for beginner and student. Easy-to-read style. 495 pages.  
K19736—Wt. 5 lbs. **\$3.43**  
Your Cost

**Mathematics for Radio and Communication.** By Maedel. Written by the chief instructor for the famous RCA Institutes in New York. Used as official texts. Vol. I covers Arithmetic, Algebra and Geometry. Vol. 2 covers Advanced Algebra, Trigonometry and Complex Numbers.  
K19676—Vol. 1 **\$3.75**  
Your Cost Postpaid  
K19677—Vol. 2 **\$4.00**  
Your Cost Postpaid

**Aircraft Radio - Electrical Equipment.** By Morgan. TWA's chief of communications. A book of extreme value today to every student, pilot and private flyer. 384 pages 6x9".  
K19696—Postpaid **\$4.50**

**Radiotron Designers Handbook.** By F. Langford Smith. Sponsored by RCA. For the set designer but of value to all engineers, servicemen and students. 365 pages.  
K19680—**\$1.00**  
Your Cost Postpaid

**RCA-RC-14 Tube Manual.**  
K19963—Postpaid **25¢**  
Your Cost

**RCA Receiving Tube Characteristics Chart.**  
K19984—Postpaid **5¢**

**RCA PT-20R1 Phototube Book.**  
K20226—Postpaid **5¢**  
Each

To Speed Handling of YOUR Order -- Use Our Order Blank



# RADIO SERVICE MENS' LIBRARY



## Radio Laboratory Job Sheet Manual



Fine training course for students and experimenters. 24 simple projects, featuring radio principles, construction, operation and testing. Many diagrams. 8 1/2 x 11 1/2".

Wire binding. Opens flat.  
K20217—  
Each.....**\$1.76**  
In lots of 6. Each.....**\$1.44**

## Latest RCA X'mitting Tube Guide



A comprehensive 72 page book covering tube data, circuit design and transmitter construction. High and low power apparatus. Beautifully printed. 8 1/2 x 11", paper

cover.  
K19977—Each.....**35¢**

## Radio Amateur Call Book

Issued Quarterly

March, June, September and December. Contains a complete up-to-date list of all licensed radio amateurs throughout the world. Over 70,000 stations listed. Size: 8 1/2 x 11 1/2". Current issue will be shipped.



K19936—Your Cost.....**\$1.25**

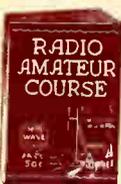
## The Slide Rule and Logarithmic Tables



By J. J. Clark, M. E. Explains the use of the slide rule for all purposes as employed by electricians, engineers, draftsmen, mechanics, etc. Covers calculations, circular slide rules, logarithms, four and ten-place tables, etc. 200 well illustrated pages. Cloth bound. Shipped prepaid.

K20216—  
Each.....**\$1.20**

## Radio Amateur Course



A thoroughly authoritative, clearly written ground-work in amateur radio for beginners. Includes constructional articles on transmitters and receivers for ham use. Theory and practice fully illustrated. 142

pages. (6 1/2 x 9 1/2")  
K19995—Your Cost.....**50¢**

## 10 Most Popular Short-Wave Receivers

How To Make and Work Them Every set described has actually been built and tested by the editors of SHORT-WAVE CRAFT magazine. Shpg. wt. 2 lbs.  
K19922—Your Cost.....**25¢**



"Television" by V. K. Zworykin and G. A. Morton A book on radio's newest development written in direct clear-cut English by two of the most famous men in the field. 646 pages.

494 illustrations.  
K19789—Postpaid.....**\$5.88**

## A.R.R.L. RADIO BOOKS Radio Amateur's Handbook



**Special Defense Edition:** The recognized authority on all technical problems on short-wave receivers, transmitters, theory and practice. About 600 pages, crammed with diagrams, expert information, instructions, ultra-high frequencies, "Q" signals, etc. This edition also contains special material of interest to those connected with or concerned with National Defense. Shpg. wt. 3 lbs.  
K19949—Your Cost.....**\$1.00**

## Hints and Kinks

Volume Two. 128 pages of selected practical money-saving ideas. Numerous diagrams and illustrations.  
K19981—Your Cost.....**50¢**

## A.R.R.L. Log Book

The law requires that amateurs maintain a log. This one is spiral bound, has 31 log pages, 31 note pages "Q" signals, graph paper, message number sheet.  
K19946—Your Cost Each.....**35¢**  
3 For.....**\$1.00**

## A.R.R.L. Antenna Book

A comprehensive manual of amateur antenna design and construction. Contains 18 full chapters profusely illustrated. Includes theory and practical data on all types. Over 100 pages.  
K19721—Your Cost.....**50¢**

## A.R.R.L. Radio Map

Made by Rand-McNally in 6 colors on heavy paper, 30x40". Gives time zones, WAC, countries, districts prefixes, etc. A handsome and necessary addition to the "ham" shack.  
K19945—Your Cost.....**\$1.25**

## A.R.R.L. Lightning Calculators

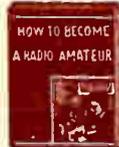
K20012—Type A. Solves problems of frequency, inductance, capacity, coils, condensers, and others.  
K20013—Type B. For problems involving current, voltage, resistance and power.  
Either Above Types,  
Your Cost Each.....**\$1.00**



**NOTE:** All A.R.R.L. books listed above will be shipped Postpaid in the U.S.A. only (anywhere in the 48 states).

## How To Become a Radio Amateur

A thorough, easy-to-read booklet covering the subject of entering the amateur ranks. Explains elementary theory, construction of inexpensive stations, "code" laws, operating procedures, etc. A.R.R.L. publication. Latest revised edition.  
K19935—Your Cost.....**25¢**



## Building An Amateur Radiophone X'mitter

Introduction to ham fone work. Describes inexpensive low-power rig and operation of station.  
K19952—  
Your Cost.....**25¢**

## The Radio Amateur's License Manual

How to get your licenses, made easy. Includes complete questions and answers for the new Class A, B and C examinations. Latest edition 29 pages.  
K19940—Your Cost.....**25¢**

## RADIO "Radio" Handbook



**Latest Edition:** Covers construction of all types of equipment from simplest receiver to most complex transmitter. Includes latest developments in short-wave theory and practice. Chapters on: Introduction to Amateur Radio; Introductory Electricity; Fundamental Radio Theory; Tubes; Receivers; Transmitters; F.M., etc. 608 pages. Cloth bound.  
K20000—  
Shipped Postpaid in U.S.A.....**\$1.75**

## "Win Your Wings"

By Col. Roscoe Turner. Latest books on aviation training. In two volumes: Volume I covers principles of flight, elementary flight instruction, aerology, meteorology, etc.; Volume II covers advanced flight maneuvers, engines, structure, aviation radio, instrument navigation, etc. Total over 1000 pages, 6x9". Text covers in a non-technical, comprehensive manner, everything required to prepare for a private or commercial pilot's certificate and instructor's rating.  
K19744—Volume I  
K19746—Volume II  
Either, Shipped Postpaid.....**\$2.50**



## Aircraft Powerplant Manual

By G. B. Manly. New text covers the practical methods of servicing and overhauling modern aircraft powerplants. It is arranged in such a manner that it can be used as an accurate guide in proceeding with periodic inspection, adjustment, servicing, top overhauling or major overhauling of any aircraft powerplant in common use today. 750 pages; more than 800 illustrations. Cloth bound. Size 6x9".  
K20215—  
Your Cost Postpaid.....**\$3.20**

## Radio Operating Questions and Answers



By Nilson and Hornung. Latest edition. Has over 400 pages of typical radio operator license examination questions with answers. Profusely illustrated. Covers spark, arc and tube transmitters; batteries; generators, broadcasting, short-wave, radiocompass, etc. 6x7 1/2". Shpg. wt. 2 lbs.  
K19943—Each.....**\$2.45**

## S-W Coil Data Book

How to make your own short-wave coils. Method of computing wire size, turns, forms, spacing. No duplication.  
K19985—  
Each.....**25¢**



## S-W Beginner's Book

Presents all the information needed to get the most out of short-wave reception. Covers construction, S-W aerials, winding of coils and kinks.  
K19921—  
Your Cost.....**25¢**

THE SHORT WAVE BEGINNER'S BOOK

## Radio Eng. Pocketbook

By F. J. Camm. Contains arithmetical, geometrical and trigonometrical formulae, as well as the usual mensuration formulae. Index fully cross referenced. For service engineers, students, radio operators, etc. 147 pages. Cloth bound. Shpg. wt. 1 lb.  
K20218—  
Each.....**\$1.47**

## Power Factor Problems in Electricity Supply

By G. W. Stubbings. Elementary treatise for students, supply engineers and power users. Contents: Meaning of Power Factor; Measurements; How Low Power Factor Arises; Power Factor Correction; Tariffs; Power Factor Calculations. Wt. 1 lb.  
K20219—Each.....**\$3.43**

## Electric Wiring

By E. Molloy. Describes and illustrates up-to-date electrical wiring. Contents: circuits and their wiring; erecting wiring systems; fitting accessories, etc. Shpg. wt. 1 lb.  
K20220—  
Each.....**\$2.45**

## SPS Station Log Book

Pocket sized Amateur Radiophone and CW station log book. Contains 50 pages, ruled and printed to enable the operator to list all pertinent data and as many as 14 QSO's per page. 5x8 1/2", hard covers, spiral bound.  
K19722—  
Each.....**25¢**



## Transmitter Guide

Latest Edition. By Thordarson. Fundamental circuit, grid bias systems, modulation, etc. 11 Xmitters from a x'tal controlled portable to a 1000-w.tter. 44 pages.  
K20024—  
Your Cost.....**9¢**

**NOTE - TECHNICAL BOOKS ARE NOT RETURNABLE**

# the hallicrafters

# MARINE APPARATUS

## "HT-11" 12-Watt RADIOPHONE

Designed to provide safety and convenience for the small boat owner. Permits the owner to keep in constant touch with land telephones at home or office or to contact other boats similarly equipped. The distance over which you can talk depends upon atmospheric conditions; under favorable conditions range is up to 150 miles during daylight hours and two parts - the radiophone and a separate power supply unit. The radiophone is housed in a compact metal cabinet designed for table or shelf mounting, and measures 14 1/4" w., 8 3/4" h., and 9 1/4" d. Transmitter provides three crystal controlled frequencies in the range of 2000 to 3000 kc. Receiver is manually controlled and covers from 550 to 1700 kc and handset on side. All controls on front panel;

**K21069** - Model HT-11 12-watt Radiophone complete with tubes and dynamotor power supply for 12 volts d.c. input. Less crystals. Wt. 50 lbs.

**YOUR COST.....\$267.00**

**K21347**-As above, for 6 volts d.c. operation. Less crystals.

**YOUR COST.....\$267.00**

Write for prices on units for 32 volts d. c. 110 volts a.c. or d.c. operation. Prices on crystals on request.



## 25 & 50 Watt RADIOPHONES

Higher powered outfits for ship-to-ship, Coast Guard and ship-to-shore service. Either press to talk or voice controlled operation at the flip of a switch. Housed in heavy metal cabinets for table or bulk-wrinkle mounting. Rust proofed and with gray wrinkle durable finish. All operating controls on front panel of Radiophone; power supply in separate case.

### 25-Watt Models HT-8

5 Crystal controlled transmitter and 6 receiver frequencies, range 2000 to 6700 kc. Radiophone size: 15" w., 10" d., 18" h. Complete with all tubes and power supply; less crystals and installation. Wt. 105 lbs.

No.	Input Voltage	Each
K21150	12 volts d.c.	\$417.50
K21340	32 V. d.c. & 110 V. a.c.	\$385.00
K21341	110 V. d.c. & 110 V. a.c.	\$385.00
K21342	110 volts a.c.	\$325.00

### 50-Watt Models HT-12

10 Crystal controlled transmitter and receiver frequencies, range 2000 to 6700 kc. Radiophone size: 20 1/2" h., 19 1/4" w., 12" d. With tubes and power supply, less crystals and installation. Shpg. wt. 170 lbs.

No.	Input Voltage	Each
K21343	110 volts a.c.	\$475.00
K21344	32 V. d.c. & 110 V. d.c.	\$580.00
K21345	12 volts d.c.	\$605.00

## HT-6 25-WATTS

An 8-tube phone and CW transmitter with CW output of 25 watts. Employs 6L6 osc. doubler, RK39 power amp., 6SQ7 mike amp.; 6SC7 audio amp.; 2-6L6 modulators and 2-5Z3 rectifiers. For 110/120 volts, 50/60 cycles a.c. Cabinet 20x12x9". Wt. 67 lbs.

**K21182**-With tubes, less coils and crystals.

**YOUR COST.....\$110.00**

### Coils For Above

**K21183** - 160 M. **K21184** - 80 M. **K21185** - 40 M. **K21186** - 20 M.  
Any Coils Above, Per Set.....**\$6.00**  
**K21187** - 10 M. **K21188** - 5 M.  
Any Coils Above, Per Set.....**\$8.50**

### 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.  
Any Above, E.C.O., EACH.....**\$4.50**



# hallicrafters TRANSMITTERS

## HT-9 100-WATTS

5-Frequency phone and CW unit rated 100 watts on CW, 75 watts on phone. Band-switch, controls and meters governing all functions are on front panel. 100% modulation with very low distortion. Employs 14 tubes. In cabinet 28x18 1/2x11 1/2". For 110/120 V. 50/60 cycles a.c. Wt. 165 lbs.

**K21346**-Complete with tubes, but less crystals and coils.

**YOUR COST.....\$225.00**

### Coils For Above

**K10284**-160 Meters. **K10287**-80 Meters. **K10285**-40 Meters.  
Any Above, EACH SET.....**\$9.50**  
**K10286**-20 Meters. **K10288**-10 Meters.  
Either Above, EACH SET.....**\$10.50**

### Crystals For Above

**K10292**-160 M. **K10295**-80 M. **K10293**-40 M.  
Any Above, EACH.....**\$4.80**  
**K10294**-20 M. (for 10 m. oper.) Each **\$5.75**



## ECOPHONE EC-2 8-Tube 3-Band Receiver

More advanced than EC-1. Features a tuned r.f. stage on all bands and incorporates automatic noise limiter, electrical band spread and separate B.F.O. Eight tubes (with ballast): 6SD7GT r.f. amp.; 6K8 converter; 6SK7 i.f. amp.; 6SC7 b.f.o.; 6H6 det. and noise limiter; 25L6GT power output; 25Z6GT rectifier and K35 ballast. Bands covered: 545 to 2100 kc.; 2.1 to 8 mc.; 7.9 to 30.5 mc. Calibrated band spread on 80, 40, 20 and 10 meter bands. 15 1/2x8-5/16x9 3/8".

**K21335**-Complete with tubes and built-in speaker. For 110 volts d.c. or a.c. (50/60 cycles). Shpg. wt. 16 lbs.

**YOUR COST.....\$42.50**

## ECOPHONE EC-3 9-Tube 3-Band Receiver

Deluxe 9-Tube receiver with speaker in separate matching cabinet. Incorporates crystal filter, automatic noise limiter, preselection on all bands, 2-stage i.f. amp. Three tuning bands: 550-2100 kc.; 2.1-8.1 mc.; 7.9-30.5 mc. Calibrated band spread on 80, 40, 20, 10 meter bands. Tubes: 6SD7GT r.f. amp.; 6K8 converter; 2-6SK7 i.f. amp.; 6H6 det. and A. N. L.; 6SC7 first audio and b.f.o. 25L6GT "beam" output; 25Z6GT rectifier; K29D ballast. Variable selectivity. For 110/120 volts d.c. or a.c. (50/60 cycles). Shpg. wt. 34 lbs.

**K21334**-With tubes, crystal and matching speaker.

**YOUR COST.....\$59.50**

## ECOPHONE EC-1 6-Tube 3-Band Receiver

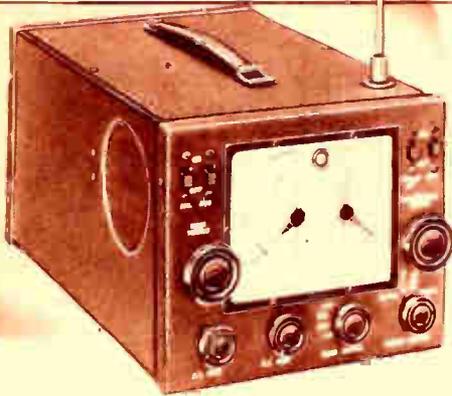
Low cost 6-Tube 3-Band A.C.-D.C. communications receiver. Three bands cover from 550 kc. to 30.5 mc. Has electrical band spread. Features: beat frequency oscillator; band spread logging scale; self-contained speaker; a.f. gain control; standby switch; speaker-headphone and A.V.C. on-off switches. Tubes: 12K8 converter, 12SK7 i.f. amp., 12SQ7 det.-a.v.c.-first audio, 35L6GT power output, 12J5 B.F.O. and 35Z5 rectifier. Housed in gray crackle finished metal cabinet. 7 1/2x11x7 3/8". Shpg. wt. 14 lbs.

**K21332**-With tubes. For 110 volts d.c. or a.c. (50/60 cycles).

**YOUR COST.....\$24.50**

the **hallicrafters**

**PRECISION MADE**



**Portable Model S-29 SKY TRAVELER 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 50Y6GT 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. All operating controls on front panel. Net weight including all batteries is 18 lbs. **K21084—Model S-29 Sky Traveler. Shpg. wt. 23 lbs.**

**YOUR COST, COMPLETE WITH BATTERIES..... \$69.50**



**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 Hallicrafters 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 vibrapack 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 black crystal-line and measures 17 1/2"x8x8 1/2". Shipping weight 24 lbs.

**K21094—Sky-Buddy Model S-19R complete with tubes and built-in speaker. YOUR COST..... \$32.50**



**Model S-20R SKY CHAMPION**

The 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 to add 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 vibrapack.

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 8.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"x9 3/8"x8 1/2". Shpg. wt. 34 lbs.

**K21093—Model S-20R SKY CHAMPION complete with tubes and built-in speaker. YOUR COST..... \$54.50**



**Model S-22R 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 16.7 to 2730 meters (110 kc to 18 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. 80th 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"x9 1/4"x8 1/2".

**K21078—Model S-22R SKYRIDER MARINE for 110 V. a.c. or d.c. With tubes and speaker. Shpg. wt. 35 lbs. YOUR COST..... \$74.50**  
**K14225—ELECTRONIC Converter Model 302 for 6-volt battery operation of Skyrider Marine. Shpg. wt. 11 lbs. YOUR COST..... \$19.40**

# COMMUNICATIONS RECEIVERS



## 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 calibrated band spread dial for all 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 D8 units, single-signal crystal filter and terminals for break-in relay operation. Cabinet dimensions are: 19 1/2 x 9 1/2 x 10 1/2. Shpg. wt. 40 lbs.

**K21194**—Model SX-24 Sky rider Defiant complete with tubes and crystal but less speaker. **\$74.50**  
YOUR COST.....

**K21193**—10" PM Dynamic Speaker in matching cabinet. Shpg. wt. 17 lbs. **\$15.00**  
YOUR COST.....



## Model SX-28 SUPER SKYRIDER

One of the finest communications receivers made. 15-Tube superhet covers from 550 kc to 42 mc in six bands. Incorporates variable A.N.L. control and push-pull "Beam Power" output.

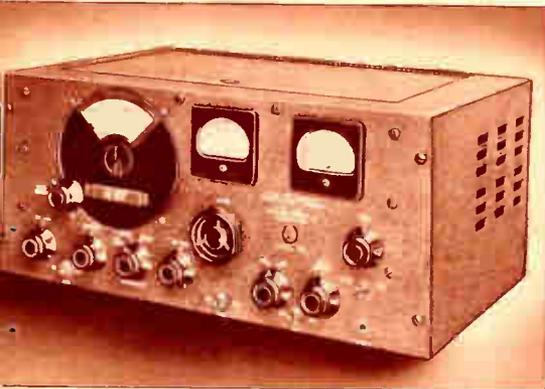
Circuit features include: 2 r.f. stages, push-pull high fidelity audio, 6-step wide range selectivity, band pass audio filter, wide angle "S" meter, phono jack, adequate headphone output, improved signal to noise ratio, 80/40/20/10 meter amateur bands calibrated, temperature compensated h.f. oscillator. The chassis is of No. 14 gauge steel cadmium plated. The 8 3/4 x 19" rack type panel is of 1/4" thick steel with etched control markings and finished in Morocco. Cabinet dim.: 20 1/2 x 14 1/2 x 9 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. **\$179.50**  
YOUR COST.....

**SKYRIDER 32**: Most popular communications receiver! Similar in appearance to the SX-28, it uses 13-tubes and covers from 500 kc to 40 mc in six bands. Has 6-step variable selectivity, wide angle "S" meter, crystal control, two r.f. stages (on bands 3, 4, 5 and 6). Same cabinet as used with SX-28 described above. Shpg. wt. 87 lbs.

**K21319**—Sky rider SX-32 with crystal and tubes, less speaker. **\$149.50**  
YOUR COST.....

Hallicrafters-Jensen bass reflex enclosure with 12" speaker. Size: 30" high, 16" deep and 22 1/2" wide. Gray finish. **\$34.50**  
**K21153**—Shpg. wt. 72 lbs. YOUR COST.....

10" PM Speaker in Table Model Cabinet. Shpg. wt. 17 lbs. **\$15.00**  
**K21193**—YOUR COST.....



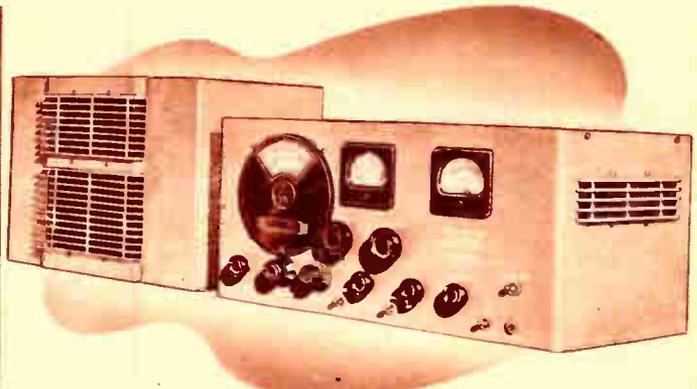
## Model S-27 FM & AM RECEIVER

Designed specifically for the ultra-high frequencies—28 to 140 mc (11.1-2.06 meters) and to receive both frequency-modulated and amplitude-modulated signals. Employs a total of 15 tubes. Three of the tubes (r.f., 1st det. and osc.) are of the 3corn 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 "D8" 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 standby 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 x 9 x 14". Shpg. wt. 75 lbs. For 110 V. 50/60 cycle a.c. With tubes. **\$195.00**  
**K21299**—YOUR COST, less speaker.....

**Model S-27B**: Same as above, but with extended tuning range from 36 to 165 mc. **\$195.00**

**K21244**—YOUR COST, less speaker.....

**K21193**—10" PM Speaker in Table Model Cabinet.... \$15.00



## 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. Four tuning bands cover the complete range from 540 kc to 42 mc. The tube lineup: 6SK7 1st r.f. amp.; 6SK7 2nd r.f. amp.; 6K8 1st detector-mixer-h.f. 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. **\$94.50**  
**K21240**—Model SX-25 complete with tubes, crystal; less speaker. **\$94.50**  
YOUR COST.....

**K21240**—Model SX-25 complete with tubes, crystal; less speaker. **\$94.50**  
YOUR COST.....

10" PM Speaker in Table Model Cabinet. Shpg. wt. 17 lbs. **\$15.00**  
YOUR COST.....

**K21193**—10" PM Speaker in Table Model Cabinet. Shpg. wt. 17 lbs. **\$15.00**  
YOUR COST.....



Model 436A

This model incorporates all of the features of the model 435A described at the right plus a number of important additions and refinements. It has 8 tubes instead of 7. The eighth 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. Wt. 26 lbs. Model 436A—complete with tubes and built-in speaker. **\$41.75**  
**K21242—YOUR COST**



Model 435A

Howard Model 435A is the basic unit of the Howard "400" 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. 7 tubes are used in the superhet circuit including: 6SA7 osc. mixer, 6SK7 i.f. amplifier, 6SQ7 2nd det.-1st audio, 6K6G output, 6J5 BFO and 5Y3G rectifier. Power output is 2 1/4 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, 8FO pitch control. Housed in metal table cabinet finished in wrinkle gray and trimmed with satin silver. This is undoubtedly one of the finest values available in a communications-type receiver for use by anyone sincerely interested in short-wave reception. Wt. 25 lbs. **\$36.75**  
**K21241—Model 435A—complete with tubes**



Model 437A

In this model you get the basic features of the Model 435A plus the refinements of the Model 436A 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 one tube making a total of 9. The additional tube is 6SK7 as i.f. amplifier. The Crystal Filter enables you to obtain maximum selectivity. Model 437A—complete with tubes but less crystal. **\$61.95**  
**K21247—Wt. 24 lbs. YOUR COST**  
**K21243—As above but complete with crystal. YOUR COST \$69.75**



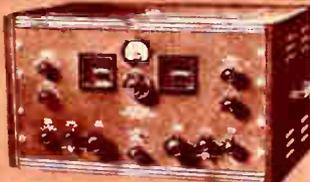
Model 445

Truly a "universal" communications-type receiver. Operates on AC or DC—117 volts! Ideally suited for use in DC districts, aboard ships and for operation by the traveler encountering various voltages and currents. Operates at top efficiency on any available power supply. Tunes 540 kc to 43 mc (556 to 7 meters) in four bands. Six latest type tubes provide nine tube performance. Has tuned R.F. stage on all bands, iron-core I.F. transformers, B.F.O., electrical band spread, A.V.C., 6 1/2" Jensen speaker, headphone jack and every desirable feature of a professional communications-type receiver! It may also be used for entertainment purposes on the broadcast band providing excellent tone quality and selectivity. Steel cabinet finished in gray wrinkle. **\$36.75**  
**K21245—Model 445. Shpg. wt. 25 lbs. YOUR COST**



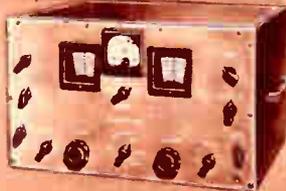
Model 490

Howard's finest 14 tubes with two stages of pre-selection! Incorporates a temperature-compensated oscillator, variable selectivity air-trimmed I.F.'s, fully shielded coil and condenser assembly, carrier level meter and variable fidelity audio system. Controls include: main tuning, bandspread tuning, r.f. gain, crystal phasing, 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 and carrier level meter off-on. Has output terminals for 5 ohm speaker voice coil or 500 ohm line. 11x2 1/8x13 1/2". For 105-125 V. 60 cycles AC. Shpg. wt. 57 lbs. **\$164.50**  
**K21329—YOUR COST (less speaker)**  
**K21328—Matched 10" speaker for above \$12.50**



Hammarlund "Super-Pro"

18-tube professional type receiver embodying the latest developments in the communications field. Incorporated features which enable it to take the place of several special receivers usually necessary where the service is diversified. Ideal for commercial or military service where exceptional performance is demanded. Features 2 stages tuned r.f.; variable selectivity crystal filter; noise limiter, "S" meter; full electrical band spread; BFO; 3-stage audio, etc. For 110 volts 60 cycles AC. In table cabinet 21 1/2x12 1/4x15". Black wrinkle finish. Shpg. wt. 115 lbs. **\$318.00**  
**K21041—Model SP210X. For 15-560 meters. With tubes, power supply, 10" dynamic speaker and crystal. YOUR COST**  
**K21043—Model SPR210X—same as above but for rack mounting. With dust cover. YOUR COST \$328.50**  
**K21045—Model SP2105X. For 7.5-2400 meters. With tubes, power supply, 10" dynamic speaker and crystal. YOUR COST \$318.00**  
**K21047—Model SPR2105X—as above but for rack mtg. With dust cover. YOUR COST \$328.50**



Hammarlund "HQ-120X"

An ultra-modern 12-tube superheterodyne designed to meet the most critical demands for a high quality communications receiver. Covers a continuous range from 31 to .54 mc (9.7 to 555 meters) in 6 steps including all important communications bands plus the broadcast band. Features a 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 to permit perfect matching to various types of aerials; Drift-corrected Oscillator circuit; AVC; Beat-Oscillator; Send-Receive Switch; Phone Jack; Relay terminals; Band Spread for each band; from 10 to 80 meters covering 310 degrees. Employs permeability tuned I.F. transformers for extreme sensitivity. This is unquestionably one of the most popular moderately-priced communications receivers made. Size: 17 1/2x10x12 1/4". Gray finish. **\$168.00**  
**K21011—HQ-120X including crystal, speaker and tubes. Shpg. wt. 61 lbs. YOUR COST**  
**K21012—Metal Speaker Cabinet for above speaker. Size: 12 1/2x12 1/2x7". Wt. 15 lbs. YOUR COST \$39.00**



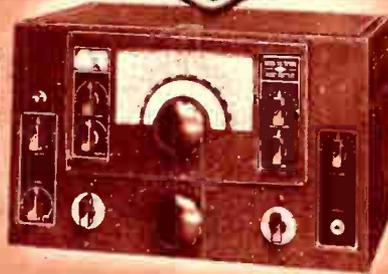
Standard RME-99

RME receivers have long been favorites of amateur and professional alike. The RME-99 is the latest in this family of thoroughbreds and capable of amazingly fine performance. In construction, too, it is outstanding featuring a one-piece steel chassis for perfectly rigid, vibration-free alignment of its various components. 12 tubes are employed in a perfected circuit covering the range from 540 to 33,000 kc in six bands. Average sensitivity is better than 2 microvolts (based on 1-watt rather than the usual 50-milliwatts output). Features include: voltage-regulated power supply; decibel-R carrier level meter; automatic noise suppressor; 8" diameter bandspread scale; high L/C ratio on all bands; 6-position crystal filter; relay and break-in control; combination antenna input; BFO, AVC, etc. All tubes are of the latest laktal type. A matching 8" diameter dynamic speaker is included. Gray wrinkle cabinet 19x10 1/2x9" on receiver; 5 3/4x9 1/2x16" on speaker. Shpg. wt. 77 lbs. For 110 V. 60 cycles AC. **\$160.75**  
**K21331—Model RME-99 complete with tubes, 8" speaker and crystal as described. YOUR COST**

# NATIONAL



# RECEIVERS



## MODEL NC-45 Series

National's inexpensive receivers for AC, AC-DC or battery operation. From 540-30,000 kc in four bands. Band spread operation covers amateur bands as follows: 3.5 to 4.0 mc-65 divisions, 7.0 to 7.3 mc-50 divisions, 14.0 to 14.4 mc-56 divisions, 28.0 to 30 mc-40 divisions, 28.0 to 30 mc-40 divisions. Separate audio and IF gain controls. Separate switches for CW oscillator, noise limiter, AVC and tone circuits. Tube lineup: 6K8 1st det.-osc.; two permeability-tuned IF stages using 6L7's; 6SQ7 2nd det.-AVC-1st audio; 6H6 self-adjusting series-valve noise limiter; 25L6 power output stage (battery sets use 6V6G); 6J7 8FO; 25Z5 rectifier (on AC and AC-DC models). Gray finished metal cabinets 8 $\frac{3}{4}$ "H, 17" $\frac{1}{2}$ "W, 10 $\frac{3}{4}$ "D. All models complete with tubes and speaker in matching cabinet. Shpg. wt. 45 lbs.

- K21273-NC-45 for 105-130 V. AC or DC.
- K21259-NC-45A for 105-130 V. 60 cycles AC.
- EITHER ABOVE **\$57.50**
- YOUR COST.....
- K21059-NC-45B for 6 V. "A" and 90-135 V. "B" Battery operation.
- YOUR COST..... **\$57.50**
- K21060 - NC-45BV same as 45B but with built-in vibrator power supply for 6 V.
- YOUR COST..... **\$75.50**
- K21061 - LDR-44. 210-260 V. dropping resistor for Models NC-45 and NC-45A..... **\$1.98**
- K21071-RRA Relay Rack Adapters for NC-45 and NC-100 series receivers..... **\$1.65**
- K21325 - 686 Six-volt DC Vibrator Pack for Model NC-45B..... **\$29.70**
- K21255-5886 120 V. 60 cycle AC power supply for Model NC-45B..... **\$19.50**

## 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. Both sets have self-contained power supply; including speaker field excitation. Low loss insulation and Hi-Q coils for high 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 $\frac{1}{2}$ x11 $\frac{1}{2}$ ".

- K21256-NC100A-Complete with all tubes and 10-inch speaker in matching cabinet.
- YOUR COST..... **\$132.00**
- With Crystal Filter
- K21257 - NC-100XA - Similar to above, but with built-in crystal filter for maximum selectivity on both phone and CW. Complete with tubes, 10" speaker in matching cabinet. Shpg. wt. 75 lbs.
- YOUR COST..... **\$156.75**

## MODEL NC-200-TG

This 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; 6K7 1st i.f.; 6SK7 2nd i.f.; 6CBG 2nd det.-limiter; 6SJ7 AVC; 6SJ7 8FO; 6FBG phase inverter; 2-6U6G push-pull audio and 5Y3G rectifier. Outstanding feature is the new tuning and band-switching arrangement having TEN accurately calibrated ranges 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. Highly sensitive, 1 micro-volt 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 selectivity 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 $\frac{1}{4}$ x10 $\frac{1}{2}$ x12 $\frac{1}{4}$ " with speaker in matching cabinet, 15 $\frac{1}{2}$ x10 $\frac{1}{2}$ x9 $\frac{3}{4}$ ". With all tubes and xtal filter. Wt. 107 lbs.
- K21260-NC-200-TG. Complete with all tubes, and built-in crystal filter. Less speaker. **\$159.50**
- YOUR COST.....
- K21339-NC-275-10" Speaker in cabinet.
- YOUR COST..... **\$15.00**

## HRO Series

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.
- YOUR COST..... **\$285.00**
- K21251-HRO, rack mounting, as above, less all other units, with 3/16" black aluminum panel. 8 $\frac{3}{4}$ " panel height. Shpg. wt. 62 lbs.
- YOUR COST..... **\$211.20**
- K21265 - HRO table model, otherwise as above, less all other units. Shpg. wt. 62 lbs.
- YOUR COST..... **\$197.70**

NOTE: All models above for 6.3 volt AC. We can supply 2.5 V. AC models on special order at same prices. Above models available in Gray finish on special order.



## ACCESSORIES FOR HRO RECEIVERS

- K21320-Type SPC. Combination power supply, speaker and coil cabinet, rack mounting 15 $\frac{3}{4}$ " high. Shpg. wt. 48 lbs.
- YOUR COST..... **\$59.40**
- K21279-Type MRR. Relay Rack only. 24 $\frac{1}{2}$ " panel space. Wt. 21 lbs.
- YOUR COST..... **\$14.85**
- POWER SUPPLIES
- K21322-Type 697. With tube, for 6.3 volt tubes. Shpg. wt. 15 lbs.
- YOUR COST..... **\$17.70**
- K21323 - Type GRSPU697. As above, Rack Type. Shpg. wt. 36 lbs.
- YOUR COST..... **\$33.00**
- K21261-Type 5897. With tubes, for 2.5 volt tubes. Shpg. wt. 15 lbs.
- YOUR COST..... **\$17.70**
- K21324-Type GRSPU5897. As above, Rack Type. Shpg. wt. 36 lbs.
- YOUR COST..... **\$33.00**
- K21325-Type 686. Table type Vibrator Power Pack. For 6.3 V. DC.
- Wt. 12 lbs. YOUR COST..... **\$29.70**

## SPEAKERS

- K21336-Type MCS. 8" PM Dynamic with 7000 ohm transformer in metal cabinet. Shpg. wt. 12 lbs. YOUR COST..... **\$10.95**
- K21337-Type RFSH. Rack-mounted speaker as above, but on 8 $\frac{3}{4}$ " panel, black "leatherette" finish. Wt. 16 lbs. EACH..... **\$19.80**
- K21338 - Type HCRP. Rack-mounted Coil Cabinet. With compartment for 5 HRO coils. Wt. 14 lbs. YOUR COST..... **\$18.00**

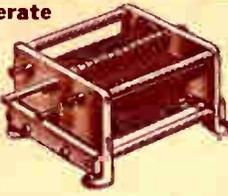
## ADDITIONAL HRO COILS

- K13774-Type E-900-2050 kc..... **\$13.20**
- K13773-Type F-480-960 kc..... **\$13.20**
- K13772-Type G-175-430 kc..... **\$18.00**
- K13779-Type H-100-200 kc..... **\$19.80**
- K13765-Type J-50-100 kc..... **\$24.00**

# NC NATIONAL 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.



Insolantite insulation; 3-hole panel mounting with bolts and spacers; flanged legs for base mounting;  $\frac{1}{4}$ " shafts,  $1\frac{1}{2}$ " long; overall size:  $3\frac{1}{2}$ " wide,  $2\frac{1}{2}$ " high (except TCN).

Letter D after type denotes split stator.	Stock	Nat'l No.	No. Plates	Peak Volts	Your Cost
K14592	TMC-50		7	3000	\$2.64
K14593	TMC-100		13	3000	3.00
K14594	TMC-150		21	3000	3.45
K14596	TMC-300		39	3000	4.35
K14595	TMC-100D		18-13	3000	4.95
K14261	TCN*			6000	2.40

\* For neutralizing 203A, 852, 204A, etc.

## Midget Receiving Condensers



straight-line frequency plates.  $\frac{1}{4}$ " shafts.

No.	Type	Mmfd.	Plates	Each
K14300	STHS15	15	8	\$0.90
K14299	ST35	35	9	.99
K14291	ST50	50	11	1.20
K14293	ST100	100	20	1.50
K14295	ST140	140	27	1.65
K14294	ST150	150	29	1.65
K14296	STH250	250	32	1.98
K14303	STD-50	50-50	11-11	2.40
K14280	SE-50	50	11	1.50
K14282	SE-100	100	20	1.80
K14287	SEH335	335	43	2.31
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.  $\frac{1}{4}$ " shafts.

No.	Mmfd.	Plates	Spacing	Each
K14327	15	5	.045	57c
K14344	25	7	.045	57c
K14392	35	10	.045	66c
K14342	50	6	.017	60c
K14322	100	12	.017	66c
K14343	140	15	.017	84c

## "TMS" Low Power Units

Aluminum plates; heavy aluminum frames; Insolantite insulation;  $\frac{1}{4}$ " shafts,  $1\frac{1}{2}$ " long; both 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:  $1\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{4}$ ". Shpg. wt. 3 lbs.



Stock No.	Nat'l No. & Cap.	Mmfd.	No. Plates	Peak Volts	Your Cost
K14550	TMS-100		9	1000	\$1.65
K14551	TMS-150		14	1000	1.80
K14552	TMS-250		22	1000	1.98
K14553	TMS-50D*		5-5	1000	2.55
K14554	TMS-100D*		9-9	1000	3.00
K14549	TMS-300		27	1000	2.40
K14555	TMSA-35		7	2000	1.98
K14556	TMSA-50		11	2000	2.16

\* Split stator models.

## Ultra Midgets "UM" Condensers

Especially designed for ultra-high frequency circuits. Mounted on insolantite base  $1 \times 2\frac{1}{2}$ "; can be mounted in shield can. Shafts extend for ganging. UMB25 has two stators and a single rotor.



No.	Type	Mmfd.	Gap	Each
K14336	UM-15	15	.017"	\$0.84
K14337	UM-35	35	.017"	.99
K14338	UM-50	50	.017"	1.05
K14339	UM-75	75	.017"	1.14
K14319	UM-100	100	.017"	1.26
K14340	UMA-25	25	.042"	1.20
K14341	UMB-25	25-25	.017"	1.20

## "TMA" Heavy Duty Units

Plates of heavy aluminum with buffed rounded edges. Insolantite insulation; 4-hole bolt-spacer panel mtg.;  $\frac{1}{4}$ " shafts  $1\frac{1}{2}$ " long;  $4\frac{1}{2}$ " wide,  $3\frac{1}{2}$ " high; type A (last letter) have .171" gap; type B, .265"; type C, .359".



No.	Type & Mfd.	Plates	Volts	Each
K14369	TMA-100B	23	9000	\$8.10
K14323	TMA-50A	7	6000	3.90
K14328	TMA-100A	15	6000	6.00
K14330	TMA-150A	21	6000	7.20
K14332	TMA-50DA*	8-8	6000	6.60
K14333	TMA-100DA*	14-14	6000	10.50
K14544	TMA-150B	35	9000	10.20
K14545	TMA-60DB*	15-15	9000	11.10
K14546	TMA-50C	18	12000	4.80
K14548	TMA-40DC*	11-11	12000	8.10

\* Split stator units.

## "NC-600" Neutralizing Condenser



Small neutralizing condenser for use with 6L6's and similar beam power output tubes. Capacity adjustable by means of a thumb screw from .5 to 4 mmfd. Insolantite insulation. Shpg. wt. 6 oz.

K14252—Your Cost Each **30c**



## "NC-800" Neutralizing Condenser

High voltage Disc type neutralizing condenser for RCA 800, 85T, HK54 and similar tubes. Low loss steatite insulation. Has micrometer screw adjustment. Three-hole mounting bracket. Shpg. wt. 1 lb.

K14259—Your Cost **\$1.80**

## "CIR" Isolantite Sockets With Locking Ring



Low loss isolantite sockets can be locked in metal flange. Ideal for high frequency receivers and transmitters.

No.	Prongs	No.	Prongs	Any Type Each
K14534	4	K14537	7 small	<b>27c</b>
K14535	4	K14538	7 large	
K14536	6	K14539	8 octal	

## Flexible Shaft Couplings



Insolantite insulation with short length of flexible shafting. Will drive shaft at any angle up to 90°. Takes  $\frac{1}{4}$ " shafts. Shpg.

wt. each, 8 oz.	
K14530—TX-12. 4 $\frac{1}{2}$ "	<b>84c</b>
Your Cost Each	
K14529—TX-13. 7 $\frac{1}{2}$ "	<b>99c</b>
Your Cost Each	
K14531—TX-11. Without Insolantite insulation. 4 $\frac{1}{2}$ "	<b>42c</b>
Your Cost Each	
Solid $\frac{1}{4}$ " Shaft Couplings: Solid insolantite.	
K14501—TX-1. 1 $\frac{1}{2}$ ". Ea.	<b>66c</b>
K14502—TX-2. 3 $\frac{1}{2}$ ".	<b>75c</b>
Your Cost Each	

## Shaft Couplings



All take  $\frac{1}{4}$ " shafts. TX-8: Insolantite ins. K8461—

Each	<b>51c</b>
TX-9: Steatite insulation. K8470—	<b>75c</b>
Each	
TX-10: Can vas bakelite insulation. K8471—	<b>36c</b>
Each	

## Insolantite Stand-Offs



Metal mounted top and bottom. Shaped for maximum efficiency. Ideal for r.f. choke cores.

No.	Type	Dia.	Ht.	Each
K14479	GS-1	$\frac{1}{4}$ "	1 $\frac{1}{2}$ "	24c
K14480	GS-2	$\frac{1}{4}$ "	2 $\frac{1}{2}$ "	30c
K14481	GS-3	$\frac{1}{4}$ "	2 $\frac{1}{2}$ "	60c
K14482	GS-4	$\frac{1}{4}$ "	4 $\frac{1}{2}$ "	75c
K14475	GS-4A	$\frac{1}{4}$ "	6"	\$1.05

## Steatite Types AA-3, AA-6

AA-3 Feeder Spreader (top) is  $6\frac{1}{2}$ " long,  $\frac{3}{4}$ " diameter. Will

give 600 ohm surge impedance with No. 12 wire. K14498—Each **36c**

AA-6 Antenna Insulator (bottom)  $\frac{1}{2}$ " dia.,  $4\frac{1}{4}$ " long. K14499—Each **54c**

## Insolantite Plug & Socket

For use with XR—16 coil forms. PB-16 Plug. K14614—	<b>27c</b>
Each	
XB-16 Socket. K14615—	<b>33c</b>
Each	



## R100, 100U, 300 Chokes

Ideal for E.C. oscillator or U.H.F. receiver. 5-Range scale for hand calibration, with 0-100 linear scale as guide. 2 extra scales furnished. Lucite dial and pointer. 5:1 Vernier. Frame  $5 \times 7\frac{1}{2}$ ". For  $\frac{1}{4}$ " shafts. K14474—Wt. 2 lbs. Your Cost **\$3.00**

## Type "ACN" Dial

Ratio variable from 6:1 to 20:1. Black Bakelite shell. 4" diam. K14367—Clock.. 200-0 in 360°. K14368 0-100-0; 180°. Each **\$1.80**

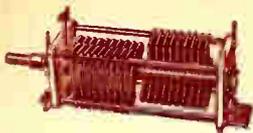
## Type "B" Vernier Dial

Ratio variable from 6:1 to 20:1. Black Bakelite shell. 4" diam. K14367—Clock.. 200-0 in 360°. K14368 0-100-0; 180°. Each **\$1.80**

## Type "N" Precision Dial

Engine divided scale and vernier. Reads to 1/10 of a division. Planetary drive ratio 5:1. Diam. 4". Bakelite knob. K14363—Counter-clock. 0-100, 180°. K14364—Clockwise 100-0, 180°. K14365—Clockwise 150-0, 270°. K14366—Clockwise 200-0, 360°. Your Cost Each **\$4.50**

## Type "HFA" and "HFB" 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.  $\frac{1}{4}$ " shafts; all plates semi-circular.  $1\frac{1}{2}$ " 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 $\frac{3}{4}$ "	\$4.98
K7226	HFBD100E	100	29	.070"	6 $\frac{1}{4}$ "	5.40
K7227	HFB100E	100	29	.070"	3 $\frac{1}{2}$ "	3.48
K7228	HFB100F	100	39	.100"	5 $\frac{1}{2}$ "	4.14
K7229	HFAD100A	100	19	.020"	2 $\frac{1}{2}$ "	3.18
K7230	HFAD140A	140	27	.020"	3 $\frac{3}{8}$ "	3.54
K7231	HFAD100B	100	27	.030"	3 $\frac{3}{8}$ "	3.24
K7232	HFAD15E	15	9	.070"	2 $\frac{1}{2}$ "	2.40
K7233	HFA100A	100	19	.020"	1 $\frac{1}{2}$ "	1.56
K7234	HFA140A	140	27	.020"	1 $\frac{3}{4}$ "	1.80
K7235	HFA10B	10	3	.030"	$\frac{1}{2}$ "	1.20
K7236	HFA15B	15	5	.030"	$\frac{3}{8}$ "	1.26
K7237	HFA25B	25	7	.030"	$\frac{1}{2}$ "	1.32
K7238	HFA50B	50	14	.030"	$\frac{3}{8}$ "	1.44
K7239	HFA15E	15	9	.070"	1 $\frac{1}{2}$ "	1.32
K7240	HFA30E*	30	17	.070"	2 $\frac{1}{2}$ "	1.50

\* Uses rear Isolantite panel.

## "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.



### "TC" Single Units

Stock No.	Type	Cap. Mmf.	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 $\frac{1}{2}$ "	8.88
K9043	TC-110-H	115	23	.171"	5 $\frac{5}{8}$ "	5.40
K9035	TC-90-K	95	11	.084"	2 $\frac{1}{2}$ "	3.42
K9034	TC-440-L	465	43	.070"	5	5.46

### "TCD" Dual Units\*

Stock No.	Type	Cap. Mmf.	Plates	Plate Spacing	Length Ins.	Your Cost
K8940	TCD-50-H	53	11	.171"	5 $\frac{5}{8}$ "	5.88
K8934	TCD-80-L	90	9	.070"	3 $\frac{3}{8}$ "	4.98

\*TCD units are identical with type TC except that stator sections (capacities shown) are individual.

## STAR Midget Condensers

Non-corrosive aluminum plates. Bakelite insulation. Single-hole mount,  $\frac{1}{8}$ " 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 $\frac{1}{4}$ "	54c
K8483	25	1 $\frac{1}{4}$ "	54c
K8484	50	7 $\frac{3}{8}$ "	60c
K8485	100	1 $\frac{1}{2}$ "	72c
K8486	140	1 $\frac{1}{2}$ "	84c
K8487*	35	1 $\frac{1}{2}$ "	72c
K8469*	50	1 $\frac{1}{2}$ "	84c

\*Double-spaced transmitting units.

## "XP53" Short-Wave Plug-In Coils



Provide maximum signal strength and greatest selectivity on all bands. Precision wound on natural amber colored ribbed forms. Have flange grips for easy handling, and meter indexes for wave-length inscriptions.  $1\frac{1}{2}$ " diameter, 2 $\frac{1}{4}$ " long (exclusive of prongs). Have shelf for padding condenser. Fit standard sockets.

### SWK4 4-Prong Kit

Kit for four 2-winding coils covering from 17 to 270 meters with 140 mfm. condenser. **Your Cost \$2.55**

### Individual 4-Prong Coils

Stock No.	Meters	List	Net
K8500	10 to 20	\$1.00	75c
K8474	17 to 41	1.00	75c
K8475	33 to 75	1.00	75c
K8476	66 to 150	.75	60c
K8477	135 to 270	.75	60c
K9790	250 to 560	1.25	75c

### SWK6 6-Prong Kit

Kit of four 3-winding coils covering from 17 to 270 meters with 140 mfm. condenser. **Your Cost \$3.00**

### Individual 6-Prong Coils

Stock No.	Meters	List	Net
K8501	10 to 20	\$1.25	90c
K8478	17 to 41	1.25	90c
K8479	33 to 75	1.25	90c
K8480	66 to 150	1.00	75c
K8481	135 to 270	1.00	75c
K9791	250 to 560	1.50	90c

## "SWF" Low-Loss Forms

Made of XP53 low-loss dielectric. Natural amber color. All forms are grooved and equipped with flange grips for easy handling. Meter indexes for wave-length inscriptions.  $1\frac{1}{2}$ " dia., 2 $\frac{1}{4}$ " long.



K9970	4 Pr.	Each	30c
K9971	5 Pr.	Each	36c
K9972	6 Pr.	Each	36c

## "TCF" Giant Forms

Similar to above, but for large transmitting coils. Groove ribbed for air-spaced windings. Supplied with brackets for base mounting. 2 $\frac{1}{4}$ " winding space; 3" long exclusive of prongs.

K8740	4 Pr.	Each	48c
K8741	5 Pr.	Each	48c

## Type "MC" Midget Units

Cadmium-plated soldered brass plates; Isolantite insulation; heavy aluminum ends; single-hole mount; .0245" gap; .0225" plates;  $\frac{1}{4}$ " shaft, can be ganged; silver plated Beryllium wiper; 500-volt a.c. test.

Stock No.	No. of Plates	Cap. Mmf.	Your Cost
K8503*	3	5.5-20	\$1.32
K8504*	5	6-35	1.38
K8505*	7	6.5-50	1.44
K8506*	11	8-80	1.56
K8507*	11	7.3-80	1.56
K8508*	14	8.3-100	1.68
K8509*	14	7.5-100	1.68
K8510*	19	9-140	1.80
K8514*	19	10-140	1.80
K8511*	27	10.3-200	1.98
K8512*	34	12-260	2.16
K8513*	43	13.5-320	2.40

† Midline. \* Semi-circular plates.

## Double-Spaced Midgets

No.	Type	Mmf.	Each
K8527	MC20MX	20	\$1.44
K8468†	MC20SX	20	1.44
K8488†	MC35MX	32	1.56
K8489†	MC50MX	50	1.68
K8502	MC100SX	100	2.10

† Straight Line.

## Short-Wave Manual

Sixth edition. Devoted to the beginner and "Junior Constructor". 32 Pages of data on s-w and u.h.f. receivers, x'mitters, power supplies, etc. Many photos and diagrams. Ideal for the beginner's library. **K20023—Each 10c**

## Type APC Air-Padding Condensers

Isolantite base soldered brass plates; 0.15" air gap; only 1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " high. Screw-driver adjustment; maintain constant capacity under all climatic conditions.

Stock No.	Cap. Min.—Max.	Mmf.	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

## "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	\$0.84
K8701	35	10	.96
K8702	50	14	1.02
K8703	100	27	1.26
K8704	140	37	1.44
K8705*	30	20	1.14

### "HFD" Dual Units

No.	Mmf.	Plates	Each
K8706	50	14	\$2.16
K8707	100	27	2.46
K8708	140	37	2.70
K8699*	16	11	2.04
K8709*	28.5	19	2.28

\* 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 $\frac{1}{2}$ " behind panel.

No.	Type	Mmf.	Each
K8519*	MCD140M	140	\$3.24
K8520*	MCD100M	100	3.00
K8521*	MCD50M	50	2.76

### Double-Spaced Split-Stator

Have wide (.0715") spacing of plates. Other specs. as above.

No.	Type	Mmf.	Each
K8490*	MCD35MX	31	\$2.88
K8528†	MCD35SX	31	2.88

\*Midline. †Semi-Circular plates.

## Mica Trimmers

Type "MICS". Mounted on Isolantite bases. Size, 1x1 $\frac{1}{2}$ ". Tested for 500 volts d.c. breakdown.



No.	Cap. Mmf.	Each
K9952	10 to 70	30c
K9953	70 to 140	36c
K9954	140 to 220	42c
K9955	600 to 1000	60c

### Type MEQ-30.

Mica dielectric, Isolantite base.  $\frac{3}{8}$ " x  $\frac{3}{8}$ ". Range 3 to 30 mfm. **K9747—Each 18c**



## Isolantite Coil Forms

Equipped with a black enameled grip handle. Size 1 $\frac{1}{2}$ " diameter, 2 $\frac{1}{4}$ " high, form only. Ample holes are provided for taps, etc.



K10056 4-prong form  
K10057 5-prong form  
K10058 6-prong form  
Type CF  
**Your Cost Each 96c**

## Heavy-Duty R.F. Choke

For hi-power rigs working in the 20, 40, 80 and 160-meter bands. Six pieces 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 $\frac{1}{2}$ " x  $\frac{3}{4}$ ". Type CH-8. **K8524—Your Cost 90c**

## Midget R.F. Choke

5 universal-wound pieces on Isolantite core 1 $\frac{1}{2}$ " long,  $\frac{1}{2}$ " in diameter. Inductance 2.1 mh., d.c. resistance 35 ohms, rated at 125 ma. **K10002—Type CH-X Your Cost Each 30c**



## 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 30c**

## Bakelite-Cased Chokes

Very effective for broadcast and SW receivers. Large inductance, low distributed capacity. Bakelite case 1 $\frac{1}{2}$ " diam., 1 $\frac{1}{2}$ " high.



Type RFC85—Passes 60 ma. 85 millih., 215 ohms. **K8525—Your Cost \$1.80**  
Type RFC250—250 millih. at 60 ma., 420 ohms. **K8526—Your Cost \$2.10**



# TRANSMITTING and SPECIAL PURPOSE TUBES



As the largest distributor of RCA tubes, we carry as complete a stock as possible under existing conditions. Deliveries of certain types, however, can be made only against orders bearing sufficiently high priority rating to enable RCA to deliver them to us.

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	842	12	A, T	\$ 3.25
204A	250	R, C, T	85.00	843	15	T, R, A	12.50
211	100	T, R, C, A	10.00	845	100	T, A	10.00
800	35	T, R, C	10.00	849	400	T, C, A, R	120.00
801A	20	T, R, A, C	3.45	850	100	S, R	37.50
802	13	F, R, O, A	3.50	852	100	T, R	16.40
803	125	F, R	28.50	860	100	S, R	32.50
804	50	F, R	15.00	865	15	S, R	12.75
805	125	T, R, C	13.50	1602	15	T, A	2.75
806	225	T, R, C, C	22.00	1608	25*	T, R, O, C	4.00
807	30*	B, R, T	3.50	1610	6	F, O	2.00
808	50	R, T, C	7.75	1613	10	R, F, O	2.75
809	30*	T, R, C	2.50	1614	21	B, R, O	3.50
810	150*	T, C, R	13.50	1619	15	B, R, A, C, O	4.75
811	55*	T, C, R	3.50	1623	30*	R, C, T, O	2.50
812	55*	T, C, R	3.50	1624	25	B, A, R	3.50
813	100	B, R	22.00	1625	30*	B, R	3.50
814	65*	B, R	17.50	1626	5	O	2.50
815	25*	B, R, A	4.50	1627	150	T, C, R	13.50
826	80	T, O	19.00	1628	40	T, R, O	32.00
827R	800	B, R	135.00	1631	16	B	2.00
828	80*	B, R, A	17.50	1632	5.5	B	2.00
829	40	B, R	19.50	1633	2.5	T, A	1.50
830B	60	T, C, R	10.00	1634	4	T, A	2.00
832	15	R, B	17.00	8000	150*	T, R, O, C	13.50
833A	450*	T, R, C	85.00	8001	75	B, R	27.50
834	50	R, O, T	12.50	8003	100	T, R, C, O	12.00
837	12	R, P, O	7.50	8005	85*	T, R, C, O	7.00
838	100	T, C, R	11.00	8007	25	B, R, O	3.50
841	15	R, A, T	3.25				

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
5BP1/802-P1	5"	24.75			



### CATHODE RAY RECTIFIERS AND GAS TRIODES

Type	Description	Net	884	Gas Triode	\$2.00
878	H. W. Hi-Vac Rec.	\$11.00	885	Cas Triode	2.00
2X2/879	H. W. Hi-Vac Rec.	1.35	2050	Gas Tetrode	3.00
2V3	H. W. Hi-Vac Rec.	1.65	2051	Gas Tetrode	2.50

### HYTRON TUBES



Type No.	Purpose	Fil. Volts	Plate Volts	Ma.	C.C.S.°	Your Cost
HY-24	Triode	2.0	180	20	2 W.	\$1.50
HY-30Z	Triode	6.3	850	90	30 W.	2.75
HY-31Z	Twin-Triode	6.3	500	150*	30 W.*	3.50
HY-40	Triode	7.5	1000	125	40 W.	3.75
HY-40Z	Triode	7.5	1000	125	40 W.	3.75
HY-51A	Triode	7.5	1000	175	65 W.	4.75
HY-51B	Triode	7.5	1000	175	65 W.	4.75
HY-51Z	Triode	7.5	1000	175	65 W.	4.75
HY-1231Z	Twin Triode	6.12	500	150*	30 W.*	4.50
801A/801	Triode	7.5	600	70	20 W.	2.50
HY-60	Beam	6.3	425	60	15 W.	2.75
HY-61/807	Beam	6.3	600	100	25 W.	3.50
HY-65	Beam	6.3	450	63	15 W.	3.00
HY-69	Beam	6.3	600	100	40 W.	3.95
HY-1269	Beam	6.12	750	120	40 W.	4.50
865A/865	Tetrode	7.5	1000	75	25 W.	7.50
HY-75	Triode	6.3	450	100	15 W.	3.95
HY-114B	Triode	1.25	180	15	2 W.	2.25
HY-615A	Triode	6.3	900	20	3.5 W.	2.50
866A/866	M.V. Rect.	2.5	3165	500†		1.50
866 Jr.	M.V. Rect.	2.5	1575	250†		1.05

°—Continuous Service Rating †—Zero Bias Tubes.  
\*—Both Triodes. ‡—Shielded Filament. †—Per pair.

### HYTRON Bantam Junior Miniatures



For use in hearing aids, tiny radios, etc. 1.4 volt, 50 ma. filaments. Plate voltage 30 to 90. With base or 1½ leads; specify type desired when you order.

HY115/HY123	Medium-mu triode. Use as detector, amplifier or oscillator.	Your Cost Each	\$1.75
HY115/HY145	High gain non-microphonic pentode.	Your Cost Each	\$2.50
HY125/HY155	Power output A.F. pentode.	Your Cost Each	\$2.50

We can supply all types of tubes for industrial requirements. Prices and technical data supplied on request.

### HIGH VOLTAGE HALF-WAVE RECTIFIERS

Type	Des.	Peak Volts	Net	Type	Des.	Peak Volts	Net
217A	Hi-Vac	3,500	\$20.00	79A	Merc-Vap	20,000	\$125.00
217C	Hi-Vac	7,500	20.00	772	Merc-Vap	7,500	9.00
816	Merc-Vap	5,000	1.00	872A	Merc-Vap	10,000	11.00
836	Hi-Vac	5,000	1.50	1616	Hi-Vac	5,500	5.75
866/866A	Merc-Vap	10,000	1.50				

### EXPERIMENTAL TELEVISION TUBES

Type	Description	Net
1847	2" Television Iconoscope	\$24.50
3AP4/906-P4	3" Kinescope Elect.-Stat. (White Phos.)	18.25
5AP4/1805-P4	5" Kinescope Elect.-Stat. (White Phos.)	27.50
7AP4	7" Kinescope Elect.-Mag. (White Phos.)	36.00
9AP4/1804-P4	9" Kinescope Elect.-Mag. (White Phos.)	62.50
12AP4/1803-P4	12" Kinescope Elect.-Mag. (White Phos.)	75.00
5BP4/1802-P4	5" Kinescope Elect.-Stat. (White Phos.)	27.50
1851	Amplifier Pentode	2.10
6AC7/1852	Amplifier Pentode (Single End)	1.35
6AB7/1853	Amplifier Pentode (Single End)	1.12
6AG7	Video Beam Power Amplifier	1.35

### PHOTOTUBES

Type	Description	Vlts.	Net	Type	Description	Vlts.	Net
868	Gas Type	90	\$3.70	924	Gas, End Type	90	\$2.00
917	Vacuum Type	500	4.75	925	Vacuum Type	250	2.00
918	Gas, Hi-Sens.	90	4.50	926	Vac. Cart. Rb. Type	600	3.00
919	Vacuum Type	500	4.75	927	Gas Type (Miniat.)	90	3.70
920	Twin, Gas	90	5.25	928	Gas, Non-Direct	90	2.00
921	Gas Cartridge	90	2.00	929	Hi-Vac. Caesium	250	3.00
922	Vacuum, Cart.	500	2.00	930	Gas, Hi-Sens.	250	2.00
923	Gas, Hi-Sens.	90	2.60	931	Multi. Type	400	12.00

### MISCELLANEOUS TYPES

R.C.A. Type	Description	Fil. Vlts.	Each
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
1621	Power Amplifier Pentode	6.3	2.50
1622	Beam Power Amplifier	6.3	2.75
1629	Electron Ray Tube	12.6	1.25
9001	U.H.F. Midget Pentode (Sharp Cut-off)	6.3	2.50
9002	U.H.F. Midget Triode (for Osc., Det., or Amp.)	6.3	2.00
9003	U.H.F. Midget Pentode (Super Control)	6.3	2.50
VR-75-30	Voltage Regulator, 75 Volts/5-30 ma		1.25
VR-105-30	Voltage Regulator, 105 Volts/5-30 ma		1.25
VR-150-30	Voltage Regulator, 150 Volts/5-30 ma		1.25

### EIMAC POWER TUBES



We can supply any type not shown. Write for prices.

Type	Watts	Power Out.	Your Cost
35T	70	240	\$6.00
35TC	70	240	6.75
75T	75	300	9.00
100TL	100	400	13.50
150TL	100	400	13.50
250TL	250	800	24.50
250TH	250	800	24.50

### Mercury Vapor Rectifiers

RX21	{Peak Inverse Voltage 11,000}	\$7.50
KY21*	{Peak Plate Current 3 amps.}	10.00

\*—Grid control.

### Heintz-Kaufman GAMMATRONS



Type No.	Watts Diss.	Plate Volts	Fil. Vlts.	Power Outp.*	Max. Freq.	Your Cost
24	25	2000	6.3	89	100MC	\$4.75
54	50	3000	5.0	210	100MC	8.00
254	100	4000	5.0	450	50MC	13.50
354C	150	4000	5.0	750	30MC	24.50
257	75	4000	5.0	225	30MC	27.50
454H†	250	5000	5.0	900	150MC	27.50
854H†	450	6000	7.5	1800	125MC	75.00

\*—Single Class Tube "C" R.F.  
†—High-Mu types (Low-Mu on special order).

### TAYLOR TUBES

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 (2½x1½").	21.50
T-203-Z	65	Zero Bias. Metal plate. Class "B" Audio.	8.00
822	200	Class "B" Audio. Carbon Anode.	18.50
866A/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

# CORNELL INDUSTRIAL CAPACITORS DUBILIER



## 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 1/4" deep.



No.	Mfd.	D.C. Volts	Each
K4144	.0001	12,500	\$3.53
K4145	.00025	12,500	3.88
K4154	.0005	12,500	3.88
K4146	.0005	7,000	3.18
K4147	.001	3,500	3.18
K4140	.001	12,500	3.88
K4148	.0015	12,500	4.59
K4155	.002	3,500	3.88
K4149	.002	7,000	4.59
K4141	.002	12,500	5.29
K4142	.005	10,000	7.06
K4152	.01	3,500	7.06

## "FA" High Capacity Low Voltage Units



For motion picture sound equipment, "A" battery power supplies, etc. In round aluminum cans with lug terminals on molded bakelite covers. External cardboard sleeve provided.

No.	Mfd.	Volts	Size	Each
K2560	1000	12	1 3/8 x 3 1/2"	\$1.76
K2561	1500	12	1 3/8 x 4 1/2"	2.12
K2562	2000	12	1 3/8 x 4 1/2"	2.29
K2563	1000	18	1 3/8 x 3 1/2"	2.12
K2564	2000	18	1 3/8 x 4 1/2"	2.82
K2565	2000	25	1 3/8 x 4 1/2"	4.23
K2566	1000	35	1 3/8 x 4 1/2"	2.82

## "BRH" High Capacity Low Voltage Units



Etched foil electrolytic capacitors that are widely employed in portable radio power rectifying circuits, electric fence devices, etc. In drawn aluminum cans with cardboard sleeves. Center mounting strap.

No.	Mfd.	Volts	Size	Each
K2567	100	6	5/8 x 1 1/2"	\$0.53
K2568	500	6	5/8 x 2 1/2"	.88
K2569	1000	6	5/8 x 2 1/2"	1.23
K2573	1500	6	7/8 x 2 1/2"	1.59
K2574	2000	6	1 x 2 1/2"	1.94
K2575	100	12	5/8 x 1 1/2"	.59
K2577	500	12	5/8 x 2 1/2"	1.06
K2578	100	15	5/8 x 1 1/2"	.62
K2579	100	25	5/8 x 2 1/2"	.65
K2553	500	25	1 x 2 1/2"	1.59
K2554	100	50	3/4 x 2"	.71

## "TQ" DYKANOL "A" 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 m'tg bracket. May be mounted in any position.



No.	Mfd.	Wkg. V.	Dimen.	Each
K2962	2	600	2 1/2" x 2"	\$2.35
K2963	4	600	2 3/4" x 2"	3.17
K2964	1	1000	1 1/2" x 2"	1.94
K2965	2	1000	2 1/2" x 2"	2.65
K2966	4	1000	3 1/2" x 2"	3.35
K2967	1	1500	2 3/4" x 2"	2.47
K2968	2	1500	3 1/2" x 2"	3.35
K2969	1	2000	3 1/2" x 2"	3.18
K2970	2	2000	4 1/2" x 2"	3.53
K2971	4	2000	4 1/2" x 3"	4.94
K2972	1	3000	3 1/2" x 3"	6.35
K2973	2	3000	5 1/4" x 3"	7.64

## "DYR" By-Pass Units

Dykanol "A" oil filled. Drawn metal cans 600 volts d.c. working. Low power factor.



No.	Type	Mfd.	Each
K3011	DYR-6010	.1	\$1.23
K3012	DYR-6025	.25	1.29
K3013	DYR-6050	.5	1.38
K3014	DYR-6100	1.0	1.59
K3015	DYR-6200	2.0	2.12
K3007	DYR-6011	1-1	1.56
K3008	DYR-6055	.5-.5	1.82

## "TLA" DYKANOL "A" Filter Capacitors

In Sealed aluminum containers 4 1/2 x 1 1/2" (2 mfd. 600 v. and 1 mfd. 1000 v. are 2 1/2" high). Mount in any position. Dykanol dielectric.



No.	Cap.	Mfd.	Wkg. V.	Each
K4195	2	600	\$1.94	
K4196	4	600	2.65	
K4197	1	1000	1.76	
K4198	2	1000	2.35	
K4199	1	1500	2.35	

## "TJU" DYKANOL "A" Oil-Filled Capacitors

New universal mounting bracket makes these condensers a better buy than ever. DYKANOL filled and impregnated. Porcelain high tension terminals. Shpg. wt. 1 lb.



No.	Mfd.	Wkg. V.	Ht.	Each
K2994	1	600	2 1/2"	\$2.47
K2995	2	600	2 1/2"	3.00
K2996	4	600	3 1/2"	3.88
K2957	8	600	3 1/2"	5.64
K2997	1	1000	2 1/2"	2.65
K2998	2	1000	4"	3.53
K3004	4	1000	4 1/2"	4.41
K2958	8	1000	4 1/2"	6.35
K2959	10	1000	4 1/2"	7.06
K2999	1	1500	4"	3.18
K3000	2	1500	4 1/2"	4.41
K3005	4	1500	4 1/2"	5.88
K2960	8	1500	4 1/2"	8.82
K3001	1	2000	3 1/2"	3.88
K3003	2	2000	4"	4.59
K3021	4	2000	3 3/4"	6.35
K3019	1	3000	3 3/4"	8.53
K3020*	2	3000	4 1/2"	10.58
K3022*	2	5000	6"	22.64

## C-D "Silver Mikes"



Designed for use in electronic circuits where frequency stability must be maintained. Molded in low-loss red bakelite and provided with tinned brass wire leads. All units rated 500 volts d.c. working, 1000 volts d.c. test except on capacities higher than .0025 which are rated at 300 V. d.c. wkg., 600 volts d.c. test.

No.	Mfd.	Each	No.	Mfd.	Each
K1351	.000005	35c	K1386	.00015	35c
K1352	.00001	29c	K1387	.0002	35c
K1353	.000025	29c	K1388	.00025	35c
K1371	.00004	29c	K1389	.0003	53c
K1383	.00005	29c	K1390	.0004	53c
K1384	.00007	29c	K1391	.0005	53c
K1385	.0001	29c			

Type A - 1/4" Square	
No.	Each
K1392	.001 88c
K1393	.0015 \$1.06
K1394	.002 1.06
K1395	.0025 1.41

## General Electric Industrial Capacitors

No.	Mfd.	W.V.	Size In.	Each
K3768	1	600	3 1/2 x 1 x 2 3/4"	\$2.47
K3769	2	600	4 x 1 x 2 3/4"	3.00
K3770	4	600	4 1/2 x 1 1/2 x 3 1/2"	3.88
K3753	1	1000	3 1/2 x 1 x 2 3/4"	2.65
K3754	2	1000	5 1/2 x 1 x 2 3/4"	3.53
K3755	4	1000	5 1/2 x 1 1/2 x 3 1/2"	4.41
K3756	1	1500	5 1/2 x 1 x 2 3/4"	3.18
K3757	2	1500	5 1/2 x 1 1/2 x 3 1/2"	4.41
K3758	4	1500	5 1/2 x 1 1/2 x 4 1/4"	5.88
K3759	1	2000	4 1/2 x 1 1/2 x 3 1/2"	3.88
K3760	2	2000	5 1/2 x 1 1/2 x 4 1/4"	4.59
K3654	4	2000	5 1/2 x 2 1/2 x 5"	6.35
K3651	1	3000	5 1/2 x 2 1/2 x 5"	8.53
K3652	2	3000	6 1/2 x 3 1/2 x 5"	10.58
K3653	4	3000	7 1/2 x 4 1/2 x 5"	15.58

Pyranol filled high voltage capacitors in hermetically sealed metal containers with pre-mounted rigid base brackets. Porcelain insulators.

## Mallory Oil Impregnated Tubulars



Compact oil impregnated paper dielectric condensers available in two types:

**OW:** oil impregnated and filled. Suitable for vibrators, etc. Paper tube, with mounting bracket. 1600 working volts d.c.

**OT:** oil impregnated and oil filled. Metal tubes. 2000 working volts d.c.

**Type OW (1600 V. D.C.)**

No.	Cap.	Mfd.	Your Cost
K4011	.0005		
K4012	.001		
K4013	.002		
K4014	.003		
K4015	.004		
K4060	.005		
K4016	.006		
K4017	.007		
K4018	.008		
K4062	.01		
K4063	.015		27c
K4064	.02		27c
K4065	.03		27c
K4066	.04		29c
K4067	.05		32c

**Type OT (2000 V. D.C.)**

No.	Cap.	Mfd.	Your Cost
K4021	.0025		44c
K4022	.005		47c
K4023	.0075		50c
K4024	.01		53c
K4026	.015		53c
K4027	.02		59c
K4028	.03		62c
K4029	.04		62c
K4030	.05		65c

## 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 tapped 6/32 screw terminals on each end. Size: 1 1/2" long, 1/2" thick and 1 1/2" wide (varies slightly with capacitance).



1000 Volts Test		2500 Volts Test		5000 Volts Test	
Mfd.	No.	Mfd.	No.	Mfd.	No.
.00005	K3051	.01	K3771	.0005	K3085
.0001	K3053	.02	K3772	.001	K3077
.00015	K3054	.03	K3773	.002	K3078
.00025	K3056	.04	K3775	.003	K3079
.0005	K3060	.05	K3776	.004	K3076
.001	K3061	.06	K3777	.005	K3082
.002	K3064	.08	K3779	.006	K3081
.005	K3069	.1	K3782	.0075	K3763
.006	K3070	.15	K3783	.01	K3764
.01	K3073	.2	K3784	.015	K3765
.02	K3766	\$1.21	K3845		

## SANGAMO ECONOMY MICAS

Type BE - 2 1/2 x 1"		Voltages given are D.C. Test Volts		
Cap.	Mfd.	1000 V. Each	2500 V. Each	5000 V. Each
.00005	K3600	24c	K3609	38c
.0001	K3601	24c	K3610	38c
.00025	K3602	24c	K3611	38c
.0005	K3603	27c	K3612	38c
.001	K3604	29c	K3613	47c
.002	K3605	35c	K3614	56c
.005	K3606	41c	K3625	82c
.006	K3607	41c		
.01	K3608	53c	K3624	\$1.47
.02	K3623	91c		

## 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.

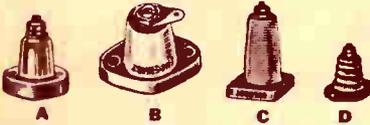
1000 Working Volts D.C.				
No.	Mfd.	H. W. D.	Each	
K2735	1	2 1/2 x 1 1/2 x 1 1/2"	\$1.19	
K2716	4	4 1/2 x 2 1/2 x 2 1/2"	1.99	
1500 Working Volts D.C.				
K2737	1	3 1/2 x 2 x 2"	\$1.59	
2000 Working Volts D.C.				
K2739	1	4 1/2 x 2 x 2"	\$1.89	
3000 Working Volts D.C.				
K2717	1	4 1/2 x 3 1/2 x 3 1/2"	\$3.25	

### Special Value!

2 Mfd., 1000 Volt D.C. Wkg. Identical to the above, but offered at a price far below the regular resale. Only a limited quantity. 4 1/2 x 1 1/2". \$1.15

# 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.	Hard-ware	Your Cost
K16747	24	A	3/8"	6/32	5c
K16746	22J	A	1"	8/32	6c
K16748	22J	B	1"	Jack	8c
K16745	20	A	1 1/8"	10/32	8c
K16744	20J	B	1 1/8"	Jack	11c
K17024	65	D	1 1/2"	10/32	15c
K17025	66	C	2 1/4"	1/2-20	24c
K17026	67	C	4 1/2"	1/2-20	36c

## JOHNSON Spring Clip



For inductor coils of all kinds. Will take wire from #20 to #12 gauge. Lock screw adjustment.

K16749—Each..... **6c**

## 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 tops take standard banana plugs.

Stock No.	Type No.	Top Ht.	Bot. Ht.	Panel Hole	Hard-ware	Your Cost
K16736	40	1 1/4"	3/8"	3/8"	10/32	18c
K16737	40J	1 1/4"	3/8"	3/8"	Jack	21c
K16738	42	1 1/2"	3/8"	3/8"	10/32	14c
K16739	42J	1 1/2"	3/8"	3/8"	Jack	17c
K16740	44	1 3/4"	3/8"	3/8"	6/32	11c
K16741	45	1 3/4"	1 1/8"	3/8"	10/32	24c
K16742	45J	1 3/4"	1 1/8"	3/8"	Jack	27c

We can supply any Johnson products not listed here, at standard discounts from the list price. Just send in your order, or write for information.

## 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	3/4"	3/8"	1 1/4"	15c
K17020	50	A	3/4"	3/8"	2"	12c
K17021	51	A	1 1/4"	1 1/8"	2 1/2"	21c
K17022	52	A	1 1/4"	1 1/8"	4 1/4"	29c

\*Made of Alsimag 196.

## JOHNSON Feeder Spreaders

White glazed porcelain.

K17027—2" Long.	Each	9c
K17028—4" Long.	Each	12c
K17029—6" Long.	Each	15c

## AMPHENOL "912-B" Sheets



Strong, clear flexible material (Polystyrene) for high frequency, RF or high-voltage work. Does not deteriorate with age and will not discolor. Absorbs little moisture; water content only .8%. Can be cut, drilled, machined, etc. Can be shaped when heated.

Stock No. Overall Dimensions Your Cost Each

K8071	6x8x1/4"	\$0.59
K8072	6x8x3/8"	1.18
K8073	6x8x1/2"	1.76

## 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**

## Glazed Porcelain Wall Insulator



For supporting wiring or apparatus. Glazed, ridged porcelain; 2 1/2" high. Plated nut and screw.

K16735—Each..... **11c**  
10 For..... **95c**

## Strain Insulator

A 1 1/2" strain insulator loaded in compression for greater tensile strength.

K17175—10 For 20c  
Your Cost Each..... **3c**

## Large Stand-off Insulator

Extra-heavy glazed porcelain. Ribbed body for increased surface. 4" long. Has hole for wire.

K16800—Your Cost..... **11c**  
10 For..... **95c**

## Heat Radiating Grid and Plate Caps



Use at terminals of x'mitting tubes. Protects glass.

K14377—For HK-24..... **29c ea.**  
K14378—For 85-T, HK-54..... **29c ea.**  
K14381—For 100-T, 807..... **44c ea.**  
K14388—For 866, T-125..... **44c ea.**

## Strap Insulator

Heavy duty porcelain to mount large diam. tubing or antennas to poles and vent pipes. 18" strap will accommodate pipes up to 6" diam. 10-24x3" stud.

K17106—Your Cost Each **25c**

## PYREX Insulators



Used by the U. S. Army, Navy and commercial services. Finest glass insulators made. Long life.

No.	Type	In.	Rating	Each
K16805	67007	3 3/4"	Med.	\$0.20
K16806	67017	7 1/2"	3/4 Kw.	.80
K16807	67021	12 1/2"	1 1/2 Kw.	2.40

## PYREX Double Lead-Ins

Have high dielectric strength and low loss. Flanges are wide and flat. Supplied with two rubber gaskets for watertight seal, four jam nuts, two metal washers and two rubber washers. Will provide for better operation under adverse conditions. Wt. 2 lbs.



Stock No.	Type No.	O.D.	In.	Rod Lgth.	Your Cost
K16813	67104	2 1/2"	15"	15"	\$1.76
K16814	67105	2 1/2"	20"	18"	1.84
K16817	67115	6 1/2"	15"	2.80	

## PYREX Assembled Navy Type Insulators



Both types have flanges 8 3/4" in dia. with six 3/8" studs equidistantly spaced on 7 1/2" bolt circle and are approximately 6" high from bottom of lower flange to top of center pin. 11 1/2" center pin is 3/8" dia. with 16 threads per inch. Clear Pyrex bowls.



No. 67071 (left) has studs 17 1/2" long and in bottom flange three countersunk 11 1/2" holes on 7 1/2" circle. **\$16.00**  
K16818—Your Cost  
No. 67076 (right) with 1 1/4" thick template ring; 2 3/8" studs. **\$16.80**  
K16819—Your Cost..... **\$16.80**

## Pyrex Stand-Offs

Non-hygroscopic. Oval base 3 1/2x1 1/4"; dia. of glass 1 1/4". Flashover value 22.5 and 58 kv. respectively (when dry). Shpg. wt. 2 lbs. 3" high. No. 67106. K16808—Each..... **\$1.80**  
7" high. No. 67107. K16809—Each..... **\$2.00**

## PYREX Airplane Insulators

High dielectric strength and low power loss. 3 1/2" O.D.; length 4". With brass fittings as illustrated. No. 67080. K16810—Each..... **\$2.80**

## PYREX "Navy" Bowls

Clear, Navy type bowls having high dielectric strength and low loss. Overall height 4 1/4". Have hole for center rod. K16815—No. 67009. Base 6 1/4"..... **80c ea.**  
K16816—No. 67037. Base 6 1/4"..... **80c ea.**

## 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 plated brass hardware.

No.	Ht.	B.	Dia.	Thread	Each
K17001	3 1/2"	5/8"	5/8"	6-32	7c
K17002	1 1/2"	1 1/8"	1 1/8"	8-32	9c
K17003	1 1/2"	3/8"	10-32	11c	
K17004	2 1/4"	1 1/4"	1/2-20	18c	
K16998	1"	1 1/4"	Jack*	12c	
K16999	1 1/2"	3/8"	Jack*	14c	

\* Standard banana jacks; on top.

## Sealtite Buttons

Simplifies wiring. Use as binding post, binding post insulator or as standoff insulator. Special screw locks both sections. 3/8" dia. 6/32 stud. K16711 Each..... **15c**

## 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. Ideal for low-loss forms.

No.	Type	Dia.	Lth.	Each
K8008	30001	1 1/2x1 3/8"	15c	
K8009	30002	1 1/2x2 1/2"	21c	
K8010	30003	3/4x2 1/2"	55c	
K8011	30004	3/4x4 1/2"	65c	

## MILLEN Feed-Through Bushing

Small isolantite unit; lead shoulder. K7999—S For..... **25c**

## BIRNBACH X'mitter 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	68c
K17038	15"	Metal	76c
K17039	10"	Porcelain	88c
K17040	15"	Porcelain	\$1.12

## BIRNBACH Hi-Voltage Feed-Through

Has high dielectric and mechanical strength. Extra long leakage path. Bottom sleeve tapped. Height 1 1/2"; base dia. 2"; mtg. hole 1 1/4". Hardware 3/4-20. K16712—Each..... **32c**

## MILLEN Safety Terminal

Insulated bushing extends thru chassis. All metal parts encased in bakelite. K8054 Your Cost..... **40c**

## MILLEN 807 Tube Clamp

Holds tube to chassis in portable mobile rigs, etc. K7998—Each..... **30c**



# Transmitter & Receiver Components



## Double-Spaced X'mitting Midgets

Hard drawn brass plates and rods electro-soldered and heavily cadmium plated. Alismag 196 insulation. Double spring rotor contacts. Wide plate spacing. Double bearings on single and 2 gang units.

No.	Mmfd.	Gap	Plates	Each
K10827	5-15	.060"	5	\$1.21
K10828	7-35	.060"	11	1.41
K10829	8-50	.060"	15	1.50
K10830	10-75	.060"	23	1.85
K10831	13-100	.060"	31	2.06

## 2-Gang Double-Spaced X'mitting Midgets

Heavy ceramic base permits mounting these double-spaced condensers directly to the chassis.

No.	Mmfd.	Gap	Plates	Each
K10832	6-20	.060"	8	2.29
K10833	7-35	.060"	11	2.44

\*—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. Mmfd.	Air Gap	No. Plates	Your Cost
K10835	4-15	.024"	3	65¢
K10836	5-35	.024"	5	71¢
K10837	6-50	.024"	7	76¢
K10838	7-100	.024"	14	94¢
K10839	7-140	.024"	19	\$1.03
K10834	7-100*	.024"	14*	2.44

\*—2-Gang ratings per section.

## Tiny-Mite Condensers

Designed for u.h.f. circuits. Extremely compact. Have rigid construction, close fitting bearings, excellent Alismag 196 insulation. Soldered brass plates are bright cadmium plated, 3-way mounting. Shaft arrangement on single units permits ganging. Panel space required 1 1/2 x 1 1/2". These are excellent units for all types of SW equipment.

No.	Mmfd.	Plates	Each
K9539	3-15	5	\$0.76
K9540	4-25	9	.88
K9541	5-35	13	.94
K9542	6-50	19	1.00
K9543	9-100	37	1.23
K9545*	4-10	7	.82
K9546*	5-15	11	1.00
K9547*	5.5-25	17	1.09
K9548*	6-35	21	1.29

\*—Double spaced units.

## 2-Gang Condensers

Capacities are per section.

No.	Mmfd.	Plates	Each
K9512	3-15	5	\$1.71
K9513	4-25	9	1.85
K9514	6-50	19	2.00
K9515	9-100	37	2.26
K9516*	4-10	7	1.62
K9517*	5-15	11	1.76
K9518*	5.5-25	17	1.91
K9519*	6-35	21	2.06

\*—Double Spaced.

### Slotted Bracket

2" high, 1 1/2" long, 3/4" wide. For condensers, etc. **6¢**



## 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. Alismag stator insulation. Brass rotor and stator plates, cadmium plated. Panel m't'g., plus brackets for chassis m't'g.

Stock No.	Max. Mmfd.	Air Gap	Rear L't'h.	Your Cost
K10621	50	.051"	2 1/2"	\$2.15
K10622	100	.051"	2 1/2"	2.32
K10623	145	.051"	3 1/4"	2.73
K10624	250	.051"	4 1/4"	3.38
K10625	25	.078"	2 1/4"	2.11
K10626	55	.078"	3"	2.47
K10627	110	.078"	4 1/4"	3.00
K10628	20	.144"	3"	2.32
K10629	55	.144"	4 1/4"	3.00
K10630	105	.144"	7 1/4"	4.00
K10631	18	.175"	3 1/4"	2.59
K10632	55	.175"	5 1/4"	3.85
K10633	100	.175"	9 1/4"	5.11

## 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. Adjusted by screwdriver or hex wrench.

Stock No.	Mmfd. Range	Behind Panel	Your Cost
K10088	3-15	1/4"	76¢
K10089	4-25	1 1/4"	76¢
K10090	6-50	1 3/4"	88¢
K10091	9-100	1 1/2"	\$1.12

## 50-Watt Plug-In Coils

Air-wound plug-in oscillator and buffer coils. Fit 5-pr. socket. End link coils not tapped, others center-tapped. Ceramic base.

Center Link	End Link	Vari. Link	Cap. Band	Your Cost
K10634	K10640	K10602	160M	90° \$1.03
K10635	K10641	K10603	80M	75 .97
K10636	K10642	K10604	40M	50 .97
K10637	K10643	K10605	20M	33 .97
K10638	K10644	K10606	10M	28† .97
K10639	K10645		5M	18 .79

\* 95 mmfd. for variable link coil.  
† 21 mmfd. for variable link coil.

### 6L6 Neutralizing Condenser

Range 1 to 9 mmfd. For tubes like 6L6, 6V6, 807, RK49, RK39, etc. Shpg. wt. 1 lb. **K9569—\$88¢ Each**



### H.F. R.F. Choke

2.5 mh. at 250 ma. DC resistance 16 ohms. 1/4" isolantite core. **K10124—\$53¢ Each**



### UHF R.F. Choke

5.7 microhenries at 750 ma. DC resistance 1.4 ohms. **K10108—\$18¢ Each**



### 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. **K15313—Your Cost \$38¢**



### 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¢**



### All-Purpose Cement

For speaker cones, bakelite, metal, wood, hard-rubber, etc. **K15310—2 oz. size \$32¢**  
**K15311—8 oz. size \$73¢**  
**K15312—1 pt. size \$1.32**



### Liquid Victron

Famous Victron H.F. insulation in liquid form. For r.f. coils, etc. **K15260—2 oz. size \$35¢**  
**K15308—8 oz. size \$89¢**  
**K15275—1 pint size \$1.62**



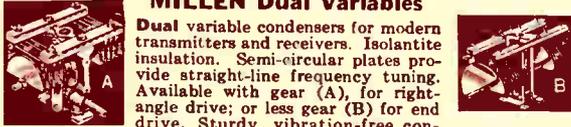
### Millen Coil Dope

2 oz. can of "Quartz Q"; for coils, RF chokes, etc. Finest of its type. **K8023—Your Cost \$30¢**



### MILLEN Dual Variables

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. Sturdy, vibration-free construction.



Stock No.	Mfrs. No.	Mfd. per Sec.	Air-Gap	V. Rtg.	Length	Each
K8025 (A)	11035	35	.077	3000	3 1/2"	\$6.90
K8026 (A)	11050	50	.077	3000	5 1/2"	7.14
K8027 (A)	11070	70	.077	3000	5 1/2"	7.80
K8028 (B)	13035	35	.077	3000	3 1/2"	4.56
K8029 (B)	13050	50	.077	3000	5 1/2"	5.22
K8030 (B)	13070	70	.077	3000	5 1/2"	5.88
K8031 (B)	14200	200	.077	3000	6 1/2"	7.80
K8032 (B)	14100	100	.171	6000	11 1/4"	12.00
K8033 (B)	14050	50	.171	6000	6 1/2"	7.20

### 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 3/8" diam., couples to condenser by means of flexible coupling (not supplied). Excellent for transmitters and receivers. Shpg. wt. 2 lbs. **K8000—Type 10,000 \$4.50**  
**Your Cost Each.**



### MILLEN "Hetrofil" Audio Wave Trap

Unlike an RF trap, this one distinguishes between audible frequencies making it possible to eliminate an interfering signal or beat note if it is just different in tone. Wt. 2 lbs. **K8044—\$4.00 Each**



### MILLEN Hash Filters

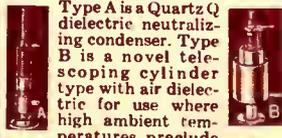
To eliminate interference caused by mercury vapor rectifier tubes. Type "A" is for 82 or 83 tubes. "B" is for 866s. Connect in each plate lead, close to tube. **K8060—"A" \$1.00**  
**K8061—"B" \$1.25**  
**Your Cost, per Pair.**



### 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. Range	Your Cost
K8034	(A) 15001	7-4.3	6000	\$0.90
K8035	(A) 15002	5-13.5	8000	1.05
K7997	(A) 15003	1.5-8.5	6000	.90
K8036	(B) 15005	3.4-14.6	4000	2.00
K8037	(B) 15006	2.8-9.1	6000	3.00



### TRUTEST Transmitting Chokes

Tapered 6 section winding on a ceramic dowel. Distributed capacitance 5 mh. at 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	\$1.35
K10235	5.5	500	1.22
K10229	5.9	200	.97



### OHMITE R. F. Chokes

Solenoid chokes designed to avoid fundamental or harmonic resonations. All 1000 ma. No brackets on 5M choke.

Stock No.	Band Meters	Mic. Hys.	Dimens. L. Dia.	Your Cost
K10083	2 1/2	2.0	1 1/2 x 1 1/2	15¢
K10079	5	5.5	1 3/4 x 1 3/4	15¢
K10080	10 & 20	30	1 3/4 x 1 3/4	47¢
K10081	20 & 40	90	6 3/4 x 1 3/4	71¢
K10082	20 to 160	200	6 1/2 x 1 3/4	97¢



### 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. **K8058—Your Cost Each \$36¢**



**NOTE**  
We can supply any Bud or Millen product made. If the item you want is not listed please write for quotation giving description and manufacturer's number.

# TRANSMITTING KEYS and ACCESSORIES

## SIGNAL Practice Key

**Model R-50**  
Cast base black ripple finish. Coin silver contacts. Parts are heavily plated. Easily adjustable. Shpg. wt. 1 lb.  
**K14009—Your Cost. \$1.03**

## SIGNAL Key With Switch

A telegraph key with a switch to close the contacts. Polished lacquered brass base. Shpg. wt. 1 lb.  
**K14017—Your Cost. \$2.00**  
**K14005—Less Switch. \$1.65**

## "Original" Vibroplex

For all types of communications work where speed and perfect Morse are essential. Single lever. Two pairs of contact points; one for dots other for dashes. Easy to adjust. Has unlimited sending possibilities. Polished parts with black base. Supplied complete with cord and wedge. Shpg. wt. 5 lbs.  
**K14057—Your Cost. \$15.95**

## SIGNAL Model R-68 Code Practice Set

Key and high frequency buzzer on a polished hardwood base. Hook battery to terminals (1½ volt cell required, not supplied) and it is ready to operate. Metal code plate on base. Wt. 2 lbs.  
**K14001—Your Cost. \$2.35**  
**Type R-60 BUZZER ONLY:** Fully adjustable. Has standard resistance of 2 ohms. Black crystal lacquer finish.  
**K14006—Your Cost. 73¢**

## "Champion" Vibroplex

An inexpensive transmitter having exceptional sending qualities; clarity, speed and ease of operation. Single lever with two pairs of contact points (one for dots, one for dashes). Easy to adjust. Black crystal finish metal base. All parts above base in bright finish. With cord and wedge. Shpg. wt. 4 lbs.  
**K14058—Your Cost. \$9.95**

## Carrying Case For Keys

Plush-lined case finished in handsome black morocco. Reinforced corners. Flexible leather carrying handle. Has lock and key. Inside dimensions: 6¼" long, 3¼" wide, 4¼" high. Shpg. wt. 3 lbs.  
**K14059—Your Cost Each. \$3.50**

## SPEED-X KEYS and ACCESSORIES

**Model 321 Senior Key**  
Heavy duty hand key with ¼" pure silver contacts. Navy type knob. Die cast heavily plated steel bearings; concealed brass connector strip. Shpg. wt. 2 lbs.  
**K14039—Your Cost. \$2.35**

**Model 310 Manual Key**  
Heavy die-cast metal base finished in black wrinkle enamel. Smooth adjustable bearings. ¼" pure silver contacts. Low cost key for light duty work. Shpg. wt. 1 lb.  
**K14051—Your Cost. \$1.47**  
Like above, but with switch.  
**K14052—Your Cost. \$1.76**

**Constant Tone Buzzer**  
Black bakelite base and cap. Silver contacts. Adjustment on vibrator. Resistance 2 ohms. Operates on 2-1½ volt cells or "C" battery.  
**K14021—Your Cost. 73¢**  
**K19840—1½ V. cells. Ea. 4¼¢**  
**K20181—"C" Batt. Ea. 30¢**

**Model 301 Key**  
General purpose key with molded black bakelite base. Well insulated. Adjustable bearings. ¼" silver contacts.  
**K14040—Your Cost. \$1.26**  
As above, with switch  
**K14044—Your Cost. \$1.47**

## Model 515 Hi-Speed Key

Sturdy, heavy duty high speed key for communications work. Has two sets of ¼" silver contacts. Metal parts heavily plated; base has black wrinkle finish, is 3x6¼x¾". High quality construction. Less switch, cord and plug. Shpg. wt. 4 lbs.  
**K14033—Each. \$5.44**  
Cord and plug for above.  
**K14054—Your Cost. 59¢**

## Code Practice Set

**Model 450**  
Comprises a constant frequency adjustable buzzer and a standard hand key with ¼" silver contacts, mounted on a brown bakelite base 6x4". Metal parts plated. Code card included. Uses 2-1½ volt cells (not included).  
**K14027—Single Set. \$1.62**  
**Your Cost. \$1.62**  
**K19840—1½ V. cell. Ea. 4¼¢**

## G.L. Automatic Tape Senders

**Model J.** 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. For 110-120 volts a.c. With cord and plug. 5x5x3". With 5 rolls of practice tape and 5 blank rolls.  
**Shipped Postpaid in U.S.A.**  
**K14022—Each. \$12.50**  
**K14023—1000-Ft. Roll Tape. \$1.00**

**Model S.** Deluxe compact automatic tape sender. Has silent 110 volt a.c. motor providing variable speed from 4 to 60 words per minute. Only 3 controls: motor switch, contact switch and speed control. Terminals for osc. or buzzer. With 10 rolls double perforated tape (20 practice lessons). 5¼x4¼x8".  
**Shipped Postpaid in U.S.A.**  
**K14060—Each. \$17.50**

**Bakelite Key Knobs**  
Brilliant black bakelite. Navy knob (illustrated) with disc.  
**K14037—Each. 18¢**  
Flat paddle (not illustrated) as used on most speed keys.  
**K14038—Your Cost. 18¢**

## McELROY'S KEYS and ACCESSORIES

**Model BB300 DeLuxe Streamkey**  
Beautiful "tear-drop" parts, heavy plating. Finely balanced key lever. Bronze bearing screw. ¼" silver contacts. Shipping weight 2 lbs.  
**K14091—Your Cost. \$3.45**

**Professional Mod. BB200**  
Like above, but with black base; lacquered parts. ¼" contacts. Shipping weight 2 lbs.  
**K14092—Your Cost. \$2.25**

**MAC Oscillatone**  
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. Less 117N7GT. Wt. 4 lbs.  
**K14046—Each. \$6.50**

**Mac Speed Key**  
**Model CP-500:** Semi-automatic. Bakelite bushings, paddle and knob. ¼" platinoid contacts. Massive cast-iron base 3¼x6¼x¾". Chrome finish. Shpg. wt. 5 lbs.  
**K14087—Your Cost. \$11.85**

**Code Master Outfit**  
2-tube oscillator with switch, pitch and volume control, jack for key and tip plugs that take up to 20 headphones or 5 magnetic speakers. In walnut case 5¼x4¼x3¾" deep. Operates on 110 v. a.c. or d.c. With tubes. Less speaker and phones. Wt. 3 lbs.  
**K14062—Each. \$4.95**  
**K13995—As above, Less cabinet. Each. \$3.75**

**DeLuxe Code Master**  
Like model at left, but with built-in speaker that is cut out of circuit when phones are plugged in. Operates up to 20 pairs of phones. Works on a.c. or d.c. (110 v.). Variable pitch control. 5¼x7¼x4¼". With tubes. Less phones. Shpg. wt. 4 lbs.  
**K14066—Your Cost. \$6.35**

## 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 10" discs (in album) teach you to send and copy Continental (International) Code. Shpg. wt. 6 lbs.  
**K21895—Your Cost. \$8.82**

**Two-Way Code Set**  
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, 50 ft. of double wire and instructions. Less cells. Shpg. wt. 5 lbs.  
**K14000—Your Cost. \$2.51**  
**One-Way Code Set**  
Same as above but only one unit. Less cells.  
**K14008—Your Cost. \$1.22**  
Flashlight cells for above.  
**K19840—Each. 4¼¢**

# 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. (0.5%) by switching proper tank coil in circuit. Instructions included.

**K13523—Your Cost \$7.75**

## Mounted "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 \$5.50**

**K13516—456 kc.**

**K13517—465 kc.**

## Type SOC-100



Precision 100 kc. unit for frequency standards. Bar type crystal. Maximum temperature coefficient 3 cycles per megacycle per degree Centigrade. Incorporates

ates tank coil. Bakelite base, aluminum shield.

**K13559—100 kc.**

(calibrated at room temp. 21° C.)

**K13560—100 kc.** (calibrated at specified oven tem-

perature) **\$21.00**

## 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**

### 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.**

**K13099—80-160 meter.**

**Your Cost Each \$9.50**

### Type B5

A low drift crystal or 40 meter band. Accurately calibrated. Less than 4 cycles/Mc/°C. drift. Has unusually high activity. Mounted in a low loss holder which will fit into any standard 5-prong tube socket or special socket listed on this page.

Stock No.	Freq. in Mc.	Freq. Within 5 Kc. Exact	Your Cost
K13546	7.0-7.3	5 Kc.	\$4.80
K13547	7.0-7.3	Exact	\$5.90

### 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	\$6.50
K13538	40 M.	15 Kc.	8.60
K13539	40 M.	5 Kc.	8.50



**Type HF2**  
Mounted, precision crystal for the 20 meter band; offers control for 2 1/2, 5, 10 and 20 meters. Holder fits 5-prong socket.

**K13507—14.0-14.4 Mc. drift 20 cycles/Mc./°C., within 15 kc. of specified frequency.**

**K13508—14.4-15.0 Mc., drift 20 cycles/Mc./°C., within 30 kc. of specified frequency. \$5.75**

**Your Cost**

### 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. \$4.80**

**Your Cost**

**K13494—Exact integral kc. \$5.90**

**Your Cost**

### BLILEY Manual

A complete handbook on quartz crystal frequency control. 35 pages. **K20029**

**Your Cost \$10.00**

We will gladly quote on any Bliley mount or crystal from 20 kc. to 30 mc. upon request, with details.

## ALLIED CONTROL RELAYS



**Type "PC"**  
Available for AC, DC and plate circuit operation. Plate circuit type (2500 ohms) can be adjusted to pull in at from 6 to 8 ma. and drop out at 3 to 5 ma. Contact ratings of all models 5 amps. of non-inductive AC load (not to exceed 10 operations per minute at maximum rating; speed can be increased with smaller loads). Contacts of coin silver. Insulated bracket.

S.P.D.T.	Each	Coil	D.P.D.T.	Each
K14105	\$1.57	2500—	K14097	\$2.94
K14106	1.67	6 V. AC	K14098	3.14
K14107	1.57	6 V. DC	K14099	2.94
K14108	1.67	110 V. AC	K14121	3.14

## POTTER & BRUMFIELD Automatic Lock—Relay Electrical Release



Employs two coils—one to operate relay and another to release the lock. When the circuit to the operating coil is closed momentarily the normally closed contacts

open and the normally open ones are closed with the relay remaining in this position even with the current removed from the coil. In order to return the contact positions to normal, current is applied to the "release" coil which removes the automatic lock and allows the relay to return to its original position. This type of relay is often used in connection with photo-cell units in alarm systems. Size: 3 1/2" long, 2 1/4" high, 1 1/2" wide. Shpg. wt. 2 lbs.

**K14142—E1A-6. DPDT contacts. 110 V. 60 cycle AC coils. \$3.10**

**Your Cost**

### Crystal Sockets



Easy to mount below or above chassis surface. Available in Polystyrene or Steatite both providing exceptionally low losses. Solder lug terminals.

No.	Make	Insulation	Each
K8050	Millen	Steatite	25c
K8062	Amphenol	Polystyrene	18c

We can supply relays and other electronic apparatus for all industrial applications. Write for quotations, giving full particulars.

## 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 1/4 x 2 1/4". **Double-pole double-throw, single break.** Shpg. wt. 1 lb.

**K14148—Type 507-531 \$4.70**

**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 1/4". Shpg. wt. 1 lb.

**K14131—Your Cost \$6.47**

### Remote Control Heavy Duty Midget

**Single-pole double-throw, single break.** 110 V. A.C. operation. Silver to silver self-cleaning contacts. Rating: 20 amps. A.C. normally open, 15 amps. A.C. normally closed. Size: 2 1/2 x 1 1/2". Shpg. wt. 1 lb. Type 507-549.

**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—4 1/2 x 4 3/8" \$8.82**

**Your Cost**

### 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 1/4 x 3/4"**

**K13399 80 M. "X" cut 1 x 1"**

**K13400 160 M. "Z" cut 3/8 x 3/8" \$1.49**

**Any Type Above, Each**

The above listed Trutest Unmounted Crystals can be used with Bliley holders listed at top of page or in most standard holders.

## POTTER-BRUMFIELD Relays

### Type "PR"

Designed for motor starting up to 1 HP, heater load to 20 amperes, or any control circuit requiring fast positive switching. Full floating contact carrier positively locked in place. Coil operates on only 4 volt-amperes or approximately 3 watts. Will not heat in continuous duty. 1/2" silver contact points rated in double break type at 20 amperes non-inductive load at 110V. AC or 10 amps. 110V. DC, or 1 HP 110 or 220V. single phase motor. Single break types carry non-inductive loads of 15 amps. 110V. AC, 8 amps. 110V. DC or 220V. AC. Size: 2 1/2" long, 2 3/4" wide, 2" high. Shpg. wt. 2 lbs. each.

No.	Type	Contacts	Coil Vlt.	Each
K14254	PRA-1	SPST-DB-NO*	6V/60c AC	\$2.56
K14255	PRA-1	SPST-DB-NO*	110/60c AC	2.50
K14256	PRA-2	SPST-DB-NC*	6V/60c AC	2.50
K14257	PRA-2	SPST-DB-NC*	110/60c AC	2.50
K14258	PRA-3	SPDT	6V/60c AC	2.75
K14262	PRA-3	SPDT	110/60c AC	2.75
K14263	PRA-4	DPST-NO	6V/60c AC	3.60
K14264	PRA-4	DPST-NO	110/60c AC	3.60
K14265	PRD-1	SPST-DB-NO*	6V/DC	2.45
K14266	PRD-1	SPST-DB-NO*	24V/DC	2.45
K14267	PRD-2	SPST-DB-NC*	6V/DC	2.45
K14268	PRD-2	SPST-DB-NC*	24V/DC	2.45
K14269	PRD-3	SPDT	6V/DC	2.70
K14270	PRD-3	SPDT	24V/DC	2.70

\*NO—normally open. \*NC—normally closed



### "MR" Series

A more compact relay for lighter loads than the one listed above. Will handle 8 amperes AC or 4 amperes DC non-inductive loads. Adjustable spring. No current carried thru coil. Size: 2 1/2" long, 1 1/2" wide, 1 1/2" high AC coils require approx. 2 watts; 1DC approx 1 1/2 watts.

No.	Type	Contacts	Coil Vlt.	Each
K14271	MRA-1	SPDT	6V/60c AC	\$1.55
K14272	MRA-1	SPDT	110V/60c	1.55
K14273	MRA-4	DPDT	6V/60c AC	2.20
K14274	MRA-4	DPDT	110V/60c	2.20
K14275	MRD-1	SPDT	6V/DC	1.55
K14276	MRD-1	SPDT	24V/DC	1.55
K14277	MRD-4	DPDT	6V/DC	2.20
K14278	MRD-4	DPDT	24V/DC	2.20

**Plate Circuit Type:** similar to above but only 1 1/2" high. Handle 6 amps. 110V AC. **K14279 MRS291 SPDT 2500-ohm coil \$1.00**

**K14281 MRS292 SPDT 5000-ohm coil 1.15**

To Speed Handling of YOUR Order--Use Our Order Blank



# TRANSMITTING TRANSFORMERS



## THORNDARSON 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. windings 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	4 3/4 x 3 3/4 x 3 3/4	7	\$4.23
K642	*T19P55	660	250	3	4 3/4 x 3 3/4 x 4 1/2	8	4.59
		550					
K643	T19P56	900	225	3	4 3/4 x 3 3/4 x 4 1/2	10	4.94
		800					
K644	†T19P57	1075	125	3	4 3/4 x 3 3/4 x 4 1/2	11	6.00
		500	150				
K645	T19P59	1560	300	5†	6 x 5 1/2 x 7 1/2	26 1/2	12.35
		1250					
K648	T19P63	1560	500	5†	6 3/4 x 6 3/4 x 8 3/4	38	18.17
		1265					
K649	T19P67	2450	500	5†	9 3/4 x 7 1/2 x 6 3/4	51	35.28
		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 use have been given prime consideration in the design of these units. Ratings given are for continuous operation at full load.

Stock No.	Thord. No.	Volts	Windings Amps.	Insul. Volts	Mtg. Type	Size—Ins. WxDxH	Wt. Lbs.	Your Cost
K517	T50F61	2.5	3.5	1600	6	2 1/2 x 1 1/2 x 2 3/8	1	\$1.23
K304	T19F88	2.5	5.25	1600	6	2 1/2 x 2 1/2 x 2 3/8	1	1.41
K305	T19F89	2.5	10	1600	6	3 1/4 x 2 1/2 x 3	2	1.59
K306	T19F90	2.5	10	7500	1	2 3/8 x 2 1/2 x 3 1/2	2	2.12
K450	T64F33*	2.5	10	7500	8	3 3/4 x 3 1/2 x 4	5	4.23
K500	T19F82	2.5	15	10000	1	4 3/4 x 2 1/2 x 4	4	3.53
K452	T63F99	5	4	1600	8	3 1/4 x 3 x 3 3/4	2	2.29
K501	T19F83	5	5	1600	6	3 3/4 x 2 1/2 x 3	2	1.59
K515	T19F84	5	8	1600	1	2 3/8 x 2 1/2 x 3 1/2	3	1.94
K519	T19F85	5	13	1600	1	3 3/4 x 2 1/2 x 4	4	2.82
K520	T19F86	5	21	1600	1	3 3/4 x 2 1/2 x 4	5	3.88
K467	T74F23	5	13	1600	8	3 3/4 x 3 1/2 x 4	5	3.53
K468	T74F24	5	21	1600	8	3 7/8 x 3 3/4 x 4 1/2	6	6.00
K307	T19F91	5.25	4	1600	1	2 3/4 x 2 1/2 x 3 1/2	2	1.76
K309	T19F92	5.25	13	1600	1	3 3/4 x 2 1/2 x 4	4	2.47
K549	T19F80	6.3	1	1600	6	2 1/4 x 1 1/2 x 2	1	.94
K550	T19F81	6.3	2	1600	6	2 1/4 x 1 1/2 x 2 1/2	1	1.06
K311	T19F97	6.3	3	1600	6	2 3/8 x 2 1/2 x 2 1/2	2	1.23
K303	T61F85†	6.3, 2.5	2.5	1600	2	3 3/8 x 2 3/8 x 2 1/2	2	1.59
K373	T73F60*	6.3	5	1600	8	2 3/4 x 2 1/2 x 3 3/4	4	2.82
K312	T19F98	6.3	6	1600	1	3 3/4 x 2 1/2 x 3 3/4	3	1.94
K313	T19F99	6.3	10	1600	1	3 3/4 x 2 1/2 x 4	4	2.47
K314	T19F93	7.5	4	1600	1	2 3/8 x 2 1/2 x 3 1/2	2	1.76
K315	T19F94	7.5	8	1600	1	3 x 2 1/2 x 3 3/4	4	2.12
K374	T92F20	7.5	8	1600	8	3 3/4 x 3 3/4 x 4	5	3.70
K533	T19F95	10	4	1600	1	2 1/2 x 2 1/2 x 3 1/2	3	1.94
K499	T19F96	10	8	1600	1	2 1/2 x 2 1/2 x 3 1/2	4	2.47
K442	T64F14*	10	8	1600	8	3 3/4 x 3 3/4 x 4	5	3.53
K497	T19F87	10	12	1600	1	3 3/4 x 3 1/2 x 4	7	4.41

## INPUT (SWINGING) CHOKES

No.	Thord.	Henries	Ma.	Ohms	Insul.	Type	Each
K551	T19C39	5-20	150	215	3000	3	\$2.29
K634	T19C35	5-20	200	130	3000	8	2.82
K635	T19C36	5-20	300	105	5000	8	4.94
K637	T19C38	5-20	500	75	5000	7	10.58

## SMOOTHING CHOKES

No.	Thord.	Henries	Ma.	Ohms	Insul.	Type	Each
K552	T19C46	12	150	215	3000	3	\$2.29
K638	T19C42	12	200	130	3000	8	2.82
K639	T19C43	12	300	105	5000	8	4.94
K641	T19C45	12	500	75	5000	7	10.58

## 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	\$3.35
K631	T19M14	30	75	75	150	4 1/2	5.83

## 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 3/8 x 3 3/4 x 4 1/4	8	10	\$5.53
K1776	P3535	1000-780-550	300	4 3/8 x 3 3/4 x 5 1/2	8	16	8.14
K1783	P6152	1550-1350	300	7 x 7 1/2 x 6 1/2	7	27	14.41
K1788	P5053	1700-1400	300	7 x 7 1/2 x 6 3/4	7	31	15.88
K1789	P6154	2430-2150	300	7 x 7 1/2 x 7	7	32	18.23

\* 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 x 2 3/8 x 2 3/8	3	\$2.23
K1766	C1702	8-30	250	60	3 1/2 x 3 x 3 1/2	6	2.94
K1829	C1402	8-30	250	60	3 1/2 x 3 x 3 1/2	3	3.23
K1769	C1720	5-25	300	80	4 1/2 x 3 3/4 x 3 1/2	6	9.70

## FILTER CHOKES

No.	Type	Sec. V.	Amps.	HxWxD	Mtg.	Lbs.	Each
K1830	C1410	20	175	100	3 1/2 x 2 3/8 x 2 3/8	3	\$2.12
K1831	C1411	15	200	80	3 1/2 x 3 x 3 1/2	3	2.76
K1832	C1646	20	200	70	3 1/2 x 3 1/4 x 3 3/8	3	3.09
K1767	C1703	15	250	60	3 1/2 x 3 x 3 1/2	6	2.94
K1833	C1413	12	300	80	4 3/8 x 3 3/4 x 3 1/2	8	5.09

## FILAMENT TRANSFORMERS

No.	Type	Sec. V.	Amps.	HxWxD	Mtg.	Lbs.	Each
K1774	P3600	2.5	10	3 1/4 x 2 1/2 x 2 1/2	6	3	\$2.41
K1790	P4088	5.0	3	3 1/4 x 2 1/2 x 2 1/2	6	2	1.65
K1779	P5014	6.3	3	3 1/4 x 2 1/2 x 2 1/2	6	2	1.73
K1775	P3064	6.3	6	3 1/4 x 2 1/2 x 2 1/2	6	3	2.06
K1780	P5015	7.5	4	3 1/4 x 2 1/2 x 2 1/2	6	3	1.76
K1782	P6138	7.5	8	3 1/4 x 3 1/4 x 3 1/2	6	4	2.79
K1781	P5016	10.0	4	3 1/4 x 3 x 2 1/2	6	3	2.23
K1791	P4096	10.0	5	3 1/4 x 3 1/4 x 3 1/2	3	6	3.32

All secondaries 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
K1896	A4208	PP 6C5, 6J5, 6N7, 6L5, 6V6, 27, 7E.	PP 2A3, 2A5, 6A3, 6F6, 6L6, 6V6, 42, 45.	AB	3	\$2.53
K1897	A4702	1-2A3, 45, 46, 89, 2A5, 6F6, 42.	PP 6L6, 6V6, 6F6, 45, PP Par. 6L6.	AB2	3	2.44

## POLY-PEDANCE DRIVER TRANSFORMERS

Tapped to give usable ratios in Class B Drivers. Cap. of K1616 and K1617, 15 watts; primary per side, —60 ma. Cap. K1618, 30 watts; primary 120 ma. per side. All type 1 mtg.; Wt. 4 lbs.

Stock No.	Type	Ratio Primary to 1/2 Secondary	Dimen. HxWxD	Each
K1616	A-4761	1.25:1, 1.4:1, 1.6:1, 1.8:1, 2:1, 2.2:1, 2.4:1	3 1/2 x 2 3/8 x 3 3/4	\$4.79
K1617	A-4762	2.6:1, 3:1, 3.2:1, 3.4:1, 4:1, 4.5:1, 5:1	3 1/2 x 2 3/8 x 3 3/4	4.79
K1618	A-4763	1.25:1, 1.5:1, 1.75:1, 2:1, 2.25:1, 3:1	3 1/2 x 3 x 4	5.88

## 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	\$2.41
K1751	A3808	PP 6L6, 807, HY61, RK41, PP Par. 6L6	4000, 5000, 7500, 10000	60 W.	8	8	5.41
K1757	A2907	PP 10, T20, TZ-20, HY25, 35, 46, 801, 909	3300, 5000, 6800, 9000, 12,500	90 W.	8	10	7.03
K1758	A2908	PP RK18, T20, TZ20, HY25, RK31, 35T, 50T	3000, 4500, 5350, 6250	120 W.	8	11	7.41
K1759	A3829	P.P. RK 12, 57, HY25-40Z, T40, 809, 100TL	3300, 4000, 5000, 6250	175 W.	8	12	8.00

## POLY-PEDANCE MODULATION TRANSFORMERS

Tapped to give wide range of impedances for correctly matching every type load. Impedance chart and instructions with each unit.

Stock No.	Type	Max. Audio	Pri. Ma. Per Side	Sec. Ma. Ser. Par.	Dimen. HxWxD	Type Mtg.	Each
K1621	A-3892	30W	80	80 160	3 1/2 x 3 1/4 x 4 3/8	1	\$5.00
K1622	A-3893	60W	125	125 250	3 1/2 x 3 1/4 x 4 3/8	1	5.88
K1638	A-3895	300W	260	260 520	7 x 6 1/2 x 6 3/4	1	24.40

Shpg. wts.: K1621 6 lbs., K1622 8 lbs., K1638 35 lbs.



# Transmitting TRANSFORMERS



## Case Dimensions

Type	Height	Width	Depth
G-1	17 <sup>1</sup> / <sub>8</sub> "	2"	13 <sup>1</sup> / <sub>8</sub> "
G-2	25 <sup>1</sup> / <sub>8</sub> "	23 <sup>1</sup> / <sub>8</sub> "	115 <sup>1</sup> / <sub>16</sub> "
G-3	21 <sup>1</sup> / <sub>8</sub> "	23 <sup>1</sup> / <sub>8</sub> "	21 <sup>1</sup> / <sub>8</sub> "
G-4	215 <sup>1</sup> / <sub>16</sub> "	31 <sup>1</sup> / <sub>8</sub> "	25 <sup>1</sup> / <sub>16</sub> "
G-5	35 <sup>3</sup> / <sub>8</sub> "	31 <sup>1</sup> / <sub>8</sub> "	49 <sup>1</sup> / <sub>16</sub> "
G-6	45 <sup>3</sup> / <sub>8</sub> "	33 <sup>1</sup> / <sub>8</sub> "	51 <sup>1</sup> / <sub>2</sub> "



G1 to G4



G5 to G11



## Case Dimensions

Type	Height	Width	Depth
G-7	53 <sup>3</sup> / <sub>8</sub> "	49 <sup>1</sup> / <sub>16</sub> "	59 <sup>1</sup> / <sub>16</sub> "
G-8	53 <sup>3</sup> / <sub>8</sub> "	51 <sup>1</sup> / <sub>2</sub> "	51 <sup>1</sup> / <sub>2</sub> "
G-9	61 <sup>3</sup> / <sub>8</sub> "	55 <sup>1</sup> / <sub>16</sub> "	613 <sup>1</sup> / <sub>16</sub> "
G-10	61 <sup>3</sup> / <sub>8</sub> "	63 <sup>1</sup> / <sub>16</sub> "	611 <sup>1</sup> / <sub>16</sub> "
G-11	71 <sup>3</sup> / <sub>8</sub> "	69 <sup>1</sup> / <sub>16</sub> "	73 <sup>3</sup> / <sub>8</sub> "

## Class A Input Transformers

No.	Type	Application	Ratio	Case	Wt.	Each
K5802	S-2	1 plate* to 2 grids	2:1	G-2	2 lbs.	\$2.35
K5804	S-4	1 plate* to 2 grids, wide range response		G-8	3	3.23
K5805	S-5	Single or double button mike or line to 1 grid; hum bucking type	16:1	G-2	2	2.65
K5806	S-6	Single or double button mike or line to 1 grid, compact type	16:1	G-1	2	1.91

\* 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	\$2.79
K5815	S-15	4000, 5000, 10,000	12	G-2	2.94
K5816	S-16	3000, 6000-6600, 10,000	30	G-4	3.82

## Universal Output Transformers

Designed to match any modulator tubes to any RF load. Secondary will carry DC.

No.	Type	Watts	Case	Lbs.	Each
K5818	S-18	12	G-3	3	\$3.09
K5819	S-19	30	G-4	4	4.70
K5820	S-20	55	G-5	5	6.76
K5821	S-21	110	G-7	11	9.41
K5822	S-22	250	G-9	18	14.70

## Matching Transformer

Shipping weight 4 lbs.

Stock No.	Type	Application	Pri. Ohms	Sec. Ohms	Case	Your Cost
K5811	S-11	Single 56, 6C6 triode, 6C5 or similar tube to line	10,000	500	G-2	\$2.65

## Universal Driver Transformer

No.	Type	Application	Case	Lbs.	Each
K5809	S-9	P.P. Driver plates to grids of Class B tubes up to 400 watts output	G-3	4	\$3.23

## Multiple Secondary Filament Transformers

Primaries tapped 105, 115 volts, 50/60 cycles AC. All secondaries center tapped. Shpg. wt., each, 8 lbs.

Stock No.	Type	Fil. No. 1	Fil. No. 2	Fil. No. 3	Case	Your Cost
K5865	S-65	2.5	5	6.3	G-5	\$3.53
K5868	S-68	5	3 6.3	4 7.5	G-5	3.82
K5870	S-70	6.3	5 6.3	5	G-5	3.82

All 3000 volt insulation.

## 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	Amps.	Size	Wt.	Price
K5733	V-0	230	2	4 x 6 x 4 3/4"	10 lbs.	\$8.33
K5771	V-1	570	5	5 x 8 1/2 x 3 1/2"	14 lbs.	11.76
K5716	*V1-M	570	5	5 x 10 1/2 x 3 1/2"	14 lbs.	19.60
K5772	V-2	570	5	5 x 7 x 4 1/2"	13 lbs.	9.80
K5773	V-3	850	7.5	5 x 7 x 5 1/2"	19 lbs.	14.70
K5774	V-4	1250	11	6 1/4 x 9 1/4 x 6"	37 lbs.	21.56

\*Same as V-1, but includes 0-150 volt A.C. meter.

## Filter, Swinging and Audio Chokes

No.	Type	Service	Hy.	Ma.	Ohms	Case	Each
K5823	*S-23	Audio	500	5	6000	G-2	\$2.06
K5827	*S-27	Filter	30	75	350	G-4	2.35
K5828	*S-28	Filter	20	100	350	G-4	2.35
K5829	*S-29	Filter	10	175	95	G-4	2.35
K5830	*S-30	Swing.	5/25	175	95	G-4	2.35
K5831	†S-31	Filter	20	225	120	G-5	3.09
K5832	†S-32	Swing.	5/25	225	120	G-5	3.09
K5833	†S-33	Filter	20	300	90	G-7	4.41
K5834	†S-34	Swing.	5/25	300	90	G-7	4.41
K5837	†S-37	Filter	20	550	60	G-9	8.82

\* 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	\$9.11
K5845	S-45	900-750-0-750-900	200	G-8	14	7.06
K5846	S-46	1000-750-0-750-1000	300	G-9	19	8.82
K5847	S-47	1500-1250-1000-0-1000-1250-1500	300	G-10	30	11.47
K5848	S-48	1500-1250-1000-0-1000-1250-1500	500	G-11	32	16.46
K5850	S-50	3000-2500-0-2500-3000	300	G-11	50	22.05

## 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. **\$5.88**  
 K5839—S-39. Your Cost  
 High volt. 625-425-0-425-625 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. **\$5.88**  
 K5840—S-40. Your Cost  
 High volt. 600-600 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. **\$5.29**  
 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. **\$7.06**  
 K5842—S-42. 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	\$2.06
K5854	S-54	5 c.t.	4	2500 v.	G-3	3	2.06
K5855	S-55	6.3 c.t.	3	1500 v.	G-3	3	2.06
K5857	S-57	2.5 c.t.	10	10000 v.	G-5	5	2.94
K5858	S-58	2.5 c.t.	20	10000 v.	G-5	5	3.53
K5859	S-59	5 to 5.25 c.t.	13	5000 v.	G-5	5	2.94
K5861	S-61	7.5 tapped, 6.3 c.t.	8	3000 v.	G-5	5	2.94
K5862	S-62	10 c.t.	10	5000 v.	G-5	5	3.53
K5863	S-63	14 v. c.t. tapped at 12 v. c.t., 11 v. c.t.	10	5000 v.	G-7	5	6.47

## Ultra-Compact Line Matching Trans.



Compact high fidelity units having a frequency range from 30 to 20,000 c.p.s. Only 1x1x1"; threaded inserts for mounting. Match 30, 125, 200, 250, 500 ohm lines. Net wt. 6 oz., shpg. wt. each 1 lb.

K5394—A-10. Line to 1 grid, 50,000 ohms

K5397—A-24. 1 Triode plate 8000/15000 ohms to line

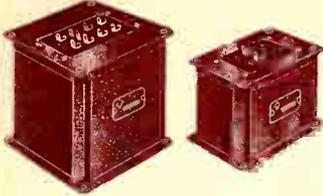
Your Cost Each, Either Above Type **\$6.47**

Multiple Alloy Shield Type; Frequency range from 50 to 10,000 c.p.s. and has multiple alloy shield for extremely low hum pickup. Matches 50, 200 or 500 ohms to 1 or 2 grids **\$7.06**  
K5726—Type A-11. Your Cost Each

We Will Not Knowingly Be Undersold



# AUDIO TRANSFORMERS



### CASE DIMENSIONS

Type	H.	W.	D.
RA	2 7/8"	2"	2 7/8"
RB	3 1/8"	2 3/4"	2 3/4"
RC	3 3/8"	2 3/4"	3 1/8"
RD	3 7/8"	3"	4 1/2"
RE	5"	3 7/8"	5"
RF	5"	4 1/2"	5"
RG	5"	5 1/8"	5"
RH	9"	7 1/2"	7"
RJ	9"	8 3/4"	7 1/2"
RK	9"	8 3/4"	9"
RL	13"	8 3/4"	10"

### 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: 2 1/2 x 3 x 3"
- Type F Case: 3 1/4 x 4 1/2 x 3 1/2"
- Type G Case: 3 3/4 x 4 7/8 x 4 1/2"
- Type H Case: 6 x 4 1/2 x 4 3/4"

### PLATE TRANSFORMERS

No.	Type	Pri. V.	Sec. V.	D.C. Ma.	Mtg.	Wt.	Each
K1792	P-8500	115	510	250	RF	12 lbs.	\$6.44
K1793	P-8501	115	660, 555*	250	RF	13 lbs.	8.58
K1794	P-8502	105-115	880, 700	250	RG	18 lbs.	8.53
K1795	P-8503	115	1100, 500	130-150	RG	17 lbs.	8.67
K1796	P-8504	115	1550, 1350	300	RJ	30 lbs.	16.61
K1797	P-8505	115	1550, 1330	500	RJ	41 lbs.	22.34
K1798	P-8507	115	1820, 1520	600	RK	49 lbs.	29.11
K1799	P-8508	115	2150, 1850	300	RJ	36 lbs.	23.52
K1803	P-8509	115	2450	250	RJ	35 lbs.	22.78
K1806	P-8510	115	2430, 2150	300	RK	39 lbs.	24.11
K1807	P-8511	115	2950, 2400	300	RK	50 lbs.	26.90
K1808	P-8514	115 230	3000, 2410	500	RL	70 lbs.	47.04

\* Also has 40 volt bias tap.

### UNIVERSAL OUTPUT TRANSFORMERS

Stock No.	Type	Imp. in Ohms	D.C. Ma.	Max. Audio	Mtg.	Wt. Lbs.	Your Cost
K1809	A-9070*	1500 to 20,000	.02 to 50	80	15W RC	4	\$4.12
K1810	A-9071*	1500 to 20,000	.02 to 50	150	30W RD	5	6.17

\* Output tubes Single or P.P. plates.

### PLATE TO GRID INTERSTAGE TRANSFORMERS

Hum-bucking construction. Numbers marked with \* are for single plate to P.P. grids; \*\* indicates P.P. plates to P.P. grids.

No.	Type	Pri. (Imp.)	Sec. Ratio	D.C. Ma.	Mtg.	Wt.	Each
K1811	A-9500*	10000	40,000	1:2	10 RB	3 lbs.	\$3.23
K1812	A-9501*	10000	90,000	1:3	10 RB	3 lbs.	3.23
K1815	A-9502**	20000	80,000	1:2	10 RB	3 lbs.	3.23
K1816	A-9503**	20000	180,000	1:3	10 RB	3 lbs.	3.23

### LINE TO LINE AND V.C. TRANSFORMERS

Stock No.	Type	Use	Impedance in Ohms Prim.	Sec.	Audio Watts	Type	Wt. Lbs.	Each
K1817	A-9540*	L-L	50, 125, 200	50, 125, 200	+24	RA	3	\$3.23
			250, 333, 500	250, 333, 500	DB			
K1818	A-9541	L-V-C	250, 500	4, 8, 15	15	RC	3	3.67
K1819	A-9542	L-V-C	250, 500	4, 8, 15	30	RD	6	3.97
K1820	A-9543	L-V-C	250, 500	4, 8, 15	60	RE	10	5.59
K1821	A-9544	L-V-C	500, 1000	4, 8, 15	30	RC	3	3.67

\* Hum-Bucking type construction.

### DRIVER TRANSFORMERS

Numbers marked with \* are for single plate to push-pull grids. Those marked with \*\* are for push-pull plates to push-pull grids.

No.	Type	Pri. Imp.	D.C. Ma.	Audio	Mtg.	Wt.	Each
K1822	A-9520*	2000-5000	40	10W	RB	3 lbs.	\$2.94
K1823	A-9521*	2000-5000	50	15W	RC	4 lbs.	3.82
K1824	A-9522*	5000-10000	50	15W	RC	4 lbs.	3.82
K1825	A-9523**	2500-5000	50	15W	RC	4 lbs.	4.12
K1826	A-9524**	5000-10000	50	15W	RD	5 lbs.	4.32
K1835	A-9525**	2500-5000	50	15W	RC	4 lbs.	4.12
K1836	A-9526**	1500-5000	100	30W	RD	5 lbs.	4.35

### POLY-PEDANCE DRIVER TRANSFORMERS

No.	Type	Capac.	Prim. to 1/2 Sec. Ratio	Mtg.	Wt.	Each
K1837	A-9527	15W	1.25:1, 1.5:1, 2:1, 2.5:1, 3:1, 3.5:1, 4:1	RD	4 lbs.	\$5.59
K1838	A-9528	30W	1.25:1, 1.5:1, 2:1, 2.5:1, 3:1, 3.5:1, 4:1	RC	5 lbs.	6.17
K1839	A-9529	15W	1:1.75, 1:1.85, 1:1, 1:1.25, 1:1.45, 1:1.75, 1:2, 1:2.25, 1:2.5, 1:2.5, 1:2.75, 1:3.5	RC	4 lbs.	5.00
K1842	A-9580	30W	1:1.75, 1:1.85, 1:1, 1:1.25, 1:1.45, 1:1.75, 1:2, 1:2 1/4, 1:2.5, 1:2.75, 1:3.5	RD	5 lbs.	6.47

### FILTER CHOKES

No.	Type	Induct.	Ma.	D.C. Res.	Insul.	Mtg.	Wt.	Each
K1844	C-2710	15 Hys.	200	80 ohms	3000 V.	RD	5 lbs.	\$3.38
K1845	C-2711	12 Hys.	300	80 ohms	5000 V.	RE	10 lbs.	5.73
K1846	C-2712	10 Hys.	400	60 ohms	5000 V.	RF	15 lbs.	7.94
K1847	C-2713	8 Hys.	500	65 ohms	5000 V.	RH	19 lbs.	12.35

### SWINGING CHOKES

No.	Type	Henrys	Ma.	D.C. Res.	Insulation	Mtg.	Wt.	Each
K1849	C-2700	8-30	200	80 ohms	3000 V.	RD	5 lbs.	\$3.38
K1850	C-2701	8-25	300	80 ohms	5000 V.	RE	10 lbs.	5.73
K1853	C-2702	5-25	400	60 ohms	5000 V.	RF	15 lbs.	7.94
K1854	C-2703	5-20	500	65 ohms	5000 V.	RH	19 lbs.	12.35

### Line Matching Units

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	\$4.70
K5382	PA-132	1 plate to p.p. grids. Split sec. 2:1	3.82

### Varitone Unit

Equalizer matching transformer. 50,000 ohm external potentiometer required. Type E case. Shpg. wt. 3 lbs.

K5532 VT-2. For insertion in shunt with line or mike of 5,000 to 20,000 ohm plate. Your Cost. \$4.70

### Output Transformers

Secondary impedances: 500, 200, 50, 16, 8, 5, 3, 1.5 ohms.

Stock	Type	Imped. P.P.	Typical Tubes	Case	Lbs.	Each
K5387	PA-16	3000/500F	2A3's, 6A5G's	F	5	\$4.12
K5392	PA-2L6	6000	6L6's self bias	G	10	7.06

### P.A. VARIMATCH Output

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	\$3.53

### Filter Chokes

Stock	Type	Henrys	Ma.	Ohms	Case	Lbs.	Each
K5580	PA-40	10	200	110	F	4	\$3.23
K5582	PA-44	30	100	375	F	4	3.23
K5725	PA-48C	100	50	2500	F	3	3.23

### Line Varimatch Transformer

Matches 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	\$3.23



### "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—2 1/2 x 3 1/2 x 3 1/2"; B—3 1/2 x 4 1/2 x 4 3/4"; C—5 x 5 1/2 x 5 1/2"; D—6 1/2 x 6 1/2 x 5 1/2".

### Line Matching Units

For matching multiple line: 50, 125, 200, 250, 500 ohms. Type A case. Dual alloy shielding, hum reduction -74 db. Shpg. wt. 8 lbs.

No.	Type	Match To	Each
K5401	LS-10	Single grid—60,000 ohms, 2 sections	\$10.58
K5739*	LS-10X	Single grid—60,000 ohms, 2 sections	13.23

\*—Quadruple alloy shielding, hum reduction -92 db.

### Interstage Transformer

No.	Type	Application	Case	Lbs.	Each
K5423	LS-21	1 plate to 2 grids. 2 1/2:1	A	4	\$10.00

### Output Transformers

To voice coil secondary: 30, 20, 15, 10, 7.5, 5, 2.5, 1.2 ohms. K5412 in type B case, K5398 in C case; K5412—8 lbs.; K5398—16 lbs.

No.	Type	Pri. Imped.	Typical Tubes	Each
K5412†	LS-55	8000	2A3's, 6A5G's, 300A's	\$11.76
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	Max. Audio Watts	Max. Input Class	Typical Mod. Tubes	Case	Wt. Lbs.	Your Cost
K5400	VM0	12	25	30, 49, 79, 8A6	E	4	\$3.53
K5360	VM1	30	60	6V6, 6B5, 2A3	F	6	5.59
K5361	VM2	60	125	801, 6L6, 809	G	10	8.23
K5362	VM3	125	250	800, 807, 845	H	15	11.75



# STANCOR REPLACEMENT TRANSFORMERS



## UNIVERSAL MOUNTING POWER TRANSFORMERS

- Electrostatically Shielded
- 5 Possible Mounting Positions
- Primaries For 115 V. 50/60 cycles
- Heavy 8-Inch Flexible Leads

Stock No.	Type No.	No. of Tubes	Your Cost	Plate		Rec. Fil.		Fil. No. 1		Fil. No. 2		Mtg. Area	Wt. Lbs.
				Vlts.	M.A.	V.	A.	V.	A.	V.	A.		
K1706	P-6001	4-5	\$2.18	650	40	5	2	2.5	4	.....	.....	2 1/2 x 3"	4
K1712	P-6002	5-6	2.79	700	50	5	3	2.5	7 1/2	.....	.....	2 1/2 x 3"	4
K1713	P-6003	6-7	2.91	700	70	5	3	2.5	9	.....	.....	2 1/2 x 3 3/8"	4
K1714	P-6004	8-9	3.41	700	90	5	3	2.5	12.5	.....	.....	3 1/2 x 3 3/8"	6
K1719	P-6009	6-7	3.20	550	70	5	3	5.0	.5	2.5	10.5	2 1/2 x 3 3/8"	5
K1715	P-6005	6-7	3.20	700	70	5	3	2.5	9	2.5	3.5	2 1/2 x 3 3/8"	6
K1716	P-6006	11-13	4.20	700	120	5	3	2.5	12.5	2.5	3.5	3 1/2 x 3 3/8"	6
K1717	P-6007	10-12	4.38	800	110	5	3	2.5	15	2.5	3.5	3 1/2 x 3 3/8"	7
K1735	P-6297	4-5	2.18	480	40	5	2	6.3	2	.....	.....	2 1/2 x 3"	4
K1720	P-6010	4-5	2.18	650	40	5	3	6.3	2	.....	.....	2 1/2 x 3"	4
K1721	P-6011	6-7	2.79	700	70	5	3	6.3	2.5	.....	.....	2 1/2 x 3"	4
K1722	P-6012	8-9	3.15	700	90	5	3	6.3	3.5	.....	.....	2 1/2 x 3 3/8"	6
K1723	P-6013	11-13	3.47	700	120	5	3	6.3	4.7	.....	.....	3 1/2 x 3 3/8"	6
K1724	P-6014	13-15	4.55	750	150	5	3	6.3	5	.....	.....	3 1/2 x 3 3/8"	6
K1726	P-6165	14-16	5.26	800	200	5	4	6.3	5.5	.....	.....	3 1/2 x 4 1/2"	7
K1731	P-6293	6-7	3.15	600	60	5	3	6.3	2.5	2.5	7.5	2 1/2 x 3 3/8"	4
K1733	P-6295	8-9	3.67	700	90	5	3	6.3	3	.....	.....	3 1/2 x 3 3/8"	6
K1734*	P-6234*	11-13	4.79	660	90	5	3	2.5	12	6.3	5.0	3 1/2 x 3 3/8"	6
								2.5		2.5			
K1718	P-6008	14-16	4.91	750	180	5	3	6.3	3.3	2.5	6	3 1/2 x 4 1/2"	7

\*K1734 - P-6234 has an additional 2.5 V. at 1.75 amp. CT Filament winding.



Type "M" Mount



Vertical Mount



Horizontal Mount



2 or 4 Hole Half Shell

## SPECIAL 6.3 V. TRANSFORMERS FOR SETS USING P.M. SPEAKERS

Stock No.	Type No.	Primary Ohms	Secondary Ohms	Primary Wt.	Secondary Wt.	Primary Ctrs.	Secondary Ctrs.	Primary Lbs.	Secondary Lbs.	Primary Mtg.	Secondary Mtg.	Primary Yr.	Secondary Yr.
K1785	P-6289	5-6	\$2.18	420	40	5	2	6.3	2	.....	.....	2 1/2 x 3"	4
K1786	P-6119	6-7	2.20	600	55	5	2	6.3	2	.....	.....	2 1/2 x 3"	4
K1787	P-6120	7-9	2.94	630	70	5	3	6.3	3.5	.....	.....	2 1/2 x 3 3/8"	6
K1741	P-6312	7-8	3.35	580	90	5	3	6.3	2.8	.....	.....	3 1/2 x 2 1/2"	6
K1743	P-6313	11-13	3.70	580	125	5	3	6.3	4.5	.....	.....	4 1/2 x 3 3/8"	7
K1744	P-6314	14-16	5.17	700	200	5	3	6.3	5.5	.....	.....	4 1/2 x 3 3/8"	8
K1745	P-6315	16-18	7.06	740	275	5	3	6.3	7.0	.....	.....	4 1/2 x 3 3/8"	9

### UNIVERSAL OUTPUT TRANSFORMERS

(All have secondaries adjustable from 1 to 30 ohms)

No.	Type	Primary Ohms	Mtg.	Ctrs.	Lbs.	Each
K1675	A-3856	All for Single	Q	2 1/2"	1	\$1.09
K1637	A-3823	or P. P. plates.	Q	2 1/2"	1	1.09
K1671	A-3850	4000, 7000, 8000,	J	2 1/2"	1	1.09
K1673	A-3852	10M, 14M CT	J	2 1/2"	2	1.41
K1678	A-3890		E	2 3/8"	2	2.29
K1670	A-3849*	1500, 2000, 4000, 5000, 7000, 10,000	Q	2 1/2"	1	1.09
K1666	A-3830†	3000, 5000, 6600, 7000, 8000, 10,000 CT	J	2 1/2"	3	2.06

\* For battery radios. † Designed for tubes with large output.

### CRYSTAL RECORDER OUTPUT TRANSFORMERS

Most efficient coupling between output tubes and crystal recording head, Type A mtg. Shpg. wt. 5 W.—1 lb.; 10 W.—1 1/2 lbs.

Stock No.	Output Tubes	Impedance		Mx. Wts.	Dimensions H x W x D	Mtg. Ctrs.	Your Cost
		Pri.	Sec.				
K1591	Single	7M	70M or 4-6	5	1 1/2 x 3 1/2 x 2 1/2"	2 1/2"	\$1.41
K1592	Single	7M	70M or 4-6	10	2 1/4 x 3 1/2 x 2 1/2"	3 1/8"	1.94
K1593	P.P.	10M	70M or 4-6	5	1 1/2 x 3 1/2 x 1 7/8"	2 1/2"	1.41
K1594	P.P.	10M	70M or 4-6	10	2 1/4 x 3 1/2 x 2 1/2"	3 1/8"	1.94

### REPLACEMENT DRIVER TRANSFORMERS

Stock No.	Type No.	Impedance Pri.	Impedance Sec.	Ratio	Mtg.	Mtg. Ctrs.	Wt. Lbs.	Your Cost
K1684	A-4712*	20M	2.2M	3:1	A	2 3/8"	1	\$1.09
K1685	A-4713	10M	2.5M	2:1	A	2 3/8"	1	1.09
K1688	A-4723	10M	1.1	3:1	A	2 3/8"	1	1.09
K1687	A-4722	10M	10M	1:1	E	2 3/8"	2	1.76
K1682	A-4401	10M	1.4M	2.7:1	J	2 3/8"	2	1.59
K1689	A-4734	10M	1.6M	2.5:1	A	2 3/8"	2	1.29

### FILTER CHOKES TYPE A

Stock No.	Type No.	Henrys	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 1/2 x 1 1/2"	1	\$0.68
K1699	C-1707	7	50	500	1 1/2 x 2 1/2 x 1 1/2"	1	.68
K1700	C-1708	10	65	460	1 1/2 x 3 1/2 x 2 1/2"	2	.88
K1701	C-1709	9	85	250	1 1/2 x 3 1/2 x 2 1/2"	2	1.18
K1702	C-1710	8	150	200	2 1/2 x 4 x 2 1/2"	3	1.47
K1623†	C-1003	30	50	550	1 1/2 x 3 1/2 x 1 1/2"	2	.91
K1624	C-1002	30	75	400	2 1/4 x 3 1/2 x 1 1/2"	2	1.23
K1625	C-1001	30	110	200	2 1/2 x 4 x 2"	3	1.56
K1626*†	C-1034	30	30	1150	1 1/2 x 2 1/2 x 1 1/2"	2	1.12
K1583	C-2303	10	130	100	2 x 3 1/2 x 1 1/2"	2	1.09
K1584	C-2304	8	150	65	2 x 3 1/2 x 1 1/2"	2	1.09
K1585	C-2305	20	100	275	2 1/2 x 3 1/2 x 2 1/2"	2	1.47
K1586	C-2308	8	150	90	2 1/4 x 3 1/2 x 1 1/2"	2	1.29

\*Center tapped. †Output chokes.

### A.C.-D.C. CHOKES TYPE A

Stock No.	Type No.	Wt. Lbs.	Your Cost				
K1703	C-1723	4.4	50	330	1 1/2 x 2 1/2 x 1 1/2"	1	.68
K1694	C-1080	15	50	200	1 1/2 x 2 1/2 x 1 1/2"	1	.71
K1697	C-1325	15	50	250	1 1/2 x 2 1/2 x 1 1/2"	1	.71
K1695	C-1227	15	50	350	1 1/2 x 2 1/2 x 1 1/2"	1	.71
K1696	C-1279	15	50	400	1 1/2 x 2 1/2 x 1 1/2"	1	.71



### OUTPUT TRANSFORMERS

Stock No.	Type No.	Class Oper.	Tubes	Impedance in Ohms		Mx. Wts.	Mtg. No.	Your Cost
				Prim.	Secondary			
K1663	A-3822	A	S	7M, 10M	.7 to 4	5	Q	\$0.85
K1669	A-3848	A	S	15,000	1, 2, 4	5	Q	.91
K1676	A-3857	A	S	25,000	4	5	A	.94
K1677	A-3865	A	S	1,500	2, 4, 6	5	A	.94
K1640	A-3876	A	S	2,000	4	5	A	.68
K1645	A-3877	A	S	5,000	4	5	A	.68
K1646	A-3878	A	S	7,000	4	5	A	.68
K1648	A-3879	A	S	10,000	4	5	A	.71
K1649	A-3881	A	S	15,000	4	5	A	.71
K1647	A-2201	A	Sor PP	8,000	6	10	A	1.32
K1664	A-3824	B	S	8,000	1, 2, 4	8	Q	1.41
K1665	A-3825	A	S	2,500	1, 2, 4	8	Q	1.18
K1667	A-3831	B	Sor PP	10M	2, 4, 8	5	A	1.03
K1656	A-3303	A&B	Sor PP	14M	4, 8, 15, 50	20	C	2.59
K1657	A-3304	A&B	Sor PP	10M, 7M	4, 8, 15, 50	25	C	2.82
K1644	A-3301	A&A	PP	3,000	4, 8, 15, 50	30	C	2.94
K1672	A-3851*	AB1	PP	4,400	4, 8, 15, 250, 500	30	C	3.53
K1590	A-3855	A	Sor PP	7,000	10, 2000	5	E	2.00
K1661	A-3800	A&A	PP	5,000	4, 8, 15,	30	C	3.32
K1662	A-3801	AB1	PP	6,600	250, 500	35	C	3.88

\* 10% Inverse Feedback Winding.

### 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 DC. Shpg. wt. each, 2 lbs.

No.	Type	Core	Mtg.	H. W. D.	Centers	Each
K1630	A-4773	3/4 x 1"	E	2 3/8 x 2 x 2 1/2"	2 3/8"	\$1.82
K1631	A-4774	3/4 x 1"	S	2 1/4 x 2 1/2 x 2 1/2"	2 3/8"	1.53
K1634	A-4775	7/8 x 1 1/2"	S	2 3/4 x 2 1/4 x 2 3/8"	2 3/4"	2.06

### 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 3/8 x 1 1/2"	A	2"	1	\$0.91
K1652	A-63	3:1	1 1/2 x 2 1/2 x 1 1/2"	A	2 1/2"	1	1.06
K1653	A-73	3:1	2 x 3 1/2 x 1 1/2"	A	2 1/2"	1	1.32

### Push-Pull inputs (1 Pl. to 2 G.)

Stock No.	Type No.	Turns Ratio	Dimensions H x W x D	Mtg. Type	Mtg. Ctrs.	Wt. Lbs.	Your Cost
K1651	A-53C	3:1	1 1/2 x 2 3/8 x 1 1/2"	A	2"	1	\$0.91
K1690	A-4740	3:1	2 x 2 3/8 x 1 1/2"	S	2"	1	1.18
K1654	A-73C	3:1	2 x 3 1/2 x 1 1/2"	A	2 1/2"	1	1.32
K1691	A-4750	3:1	2 1/4 x 2 1/2 x 1 1/2"	S	2 3/8"	1	1.32
K1686	A-4719	3:1	2 1/2 x 2 3/8 x 2 1/2"	S	2 3/8"	2	2.32
K1587	A-42C	2:1	1 1/2 x 2 1/2 x 1 1/2"	A	1"	1	1.06
K1588†	A-4745	2:1	2 3/8 x 2 3/8 x 2 1/2"	E	2"	2	2.11
K1589*	A-4206	3:1	3 1/2 x 2 3/8 x 2 3/8"	C	3"	3	3.09

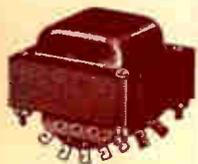
\*Split Secondary. †Has static shield.

### Push-Pull Interstage (2 Pl. to 2 G.)

Stock No.	Type No.	Turns Ratio	Dimensions H x W x D	Mtg. Type	Mtg. Ctrs.	Wt. Lbs.	Your Cost
K1683	A-4711	1:1	1 1/2 x 2 1/2 x 1 1/2"	A	2 3/		

# Trutest POWER TRANSFORMERS

• SERVICE OVER 90% OF ALL STANDARD RECEIVERS •



(A) Flush-Type



(B) Compact



(C) Bottom Shell

Trutest Power Transformers are engineered by experts and constructed of the finest materials. Each unit is designed to provide ample safety factor under normal conditions of use. All are fully guaranteed for a period of ninety (90) days against mechanical and electrical defects. All conform to R.M.A. standard. This is your

assurance that Trutest transformers will live up to the claims made for them. To simplify installation, all units are furnished with a schematic diagram, showing terminal connections. All primaries are designed for 105-120 volts, 60 cycles a.c. only.

Stock No.	M't'g Type	No. Tubes	*Plate Volts—M.A.	Rect. V.—A.	*Fil. #1 V.—A.	*Fil. #2 V.—A.	Mounting Area, Ins.	Mounting Cntrs., Ins.	Shpg. Lbs.	Your Cost
K5635	A	4	650-40	5-2	6.3-1.6	.....	3 x 2 1/4	2 1/4 x 2	2	\$1.17
K5636	A	5	700-50	5-2	6.3-2	.....	3 x 2 1/4	2 1/4 x 2	2 1/4	1.62
K1518	A	6-7	700-60	5-2	6.3-2.5	.....	3 x 2 1/4	2 1/4 x 2	2 1/4	1.72
K1519	A	7-10	700-70	5-2	6.3-3	2.5-4	3 3/8 x 2 1/4	2 1/4 x 2 1/4	3 1/2	1.77
K1521	A	4	650-40	5-2	6.3-3	.....	3 x 2 1/4	2 1/4 x 2	2	1.20
K2431	A	5	700-50	5-2	2.5-5	.....	3 x 2 1/4	2 1/4 x 2	2 1/4	1.40
K1505	A	7	700-70	5-3	2.5-7	2.5-3	3 3/8 x 2 1/4	2 1/4 x 2 1/4	3 1/2	1.90
K1507	A	8-9	700-90	5-3	2.5-10.5	2.5-3	3 3/8 x 3 1/4	3 1/4 x 2 1/4	3 3/4	2.12
K1509	A	10-11	700-110	5-3	2.5-15 1/4	2.5-3	3 3/8 x 3 1/4	3 1/4 x 2 1/4	4 1/2	2.72
K5492	C	6-7	700-60	5-2	6.3-2.5	.....	3 x 2 1/4	2 1/4 x 2	3	1.80
K5493	C	8-9	700-75	5-3	6.3-3.2	.....	3 3/8 x 2 1/4	2 1/4 x 2 1/4	3 1/2	1.95
K1522	C	10-11	600-150	5-3	6.3-3	.....	3 3/8 x 3 1/4	3 1/4 x 2 1/4	7	2.38
K1523	C	12-13	750-125	5-3	6.3-5	.....	3 3/8 x 3 1/4	3 1/4 x 2 1/4	5	2.27
K1524	C	12-14	675-200	5-3	6.3-5	.....	4 1/2 x 3 1/4	3 3/4 x 3	5	3.18
K1450	C	5	650-50	5-3	2.5-5 1/4	2.5-1 1/4	3 x 2 1/4	2 1/4 x 2	3	1.74
K1451	C	7	700-70	5-3	2.5-7	2.5-3	3 3/8 x 2 1/4	2 1/4 x 2 1/4	3 3/4	1.99
K1452	C	8-9	700-90	5-3	2.5-10.5	2.5-3	3 3/8 x 3 1/4	3 1/4 x 2 1/4	4	2.20
K1456	B	4	650-40	5-2	6.3-1.6	.....	2 1/4 x 2 3/4	2 x 1 1/4	2 1/4	1.40
K1457	B	5	700-50	5-2	6.3-2	.....	2 1/4 x 2 3/4	2 x 1 1/4	2 3/4	1.77
K1458	B	6-7	700-60	5-2	6.3-2.5	.....	2 1/4 x 2 3/4	2 x 2	3 1/4	2.04
K1459	B	8-9	700-75	5-3	6.3-3.2	.....	2 1/4 x 2 3/4	2 1/4 x 2	3 3/4	2.15
K1525	B	10-11	600-150	5-3	6.3-3	.....	3 3/8 x 3 1/4	2 1/4 x 2 1/4	7	2.51
K1460	B	12-13	750-125	5-3	6.3-5	.....	3 3/8 x 3 1/4	2 1/4 x 2 1/4	5 1/4	2.51
K1526	B	12-14	675-200	5-3	6.3-5	.....	4 x 3 1/4	3 1/4 x 2 1/4	6	3.30
K1461	B	13-15	800-160	5-3	6.3-6	.....	3 3/8 x 3 3/4	2 3/4 x 2 1/4	6	3.05
K1454	B	5	700-50	5-2	2.5-5	.....	2 1/4 x 2 3/4	2 x 1 1/4	2 3/4	1.64
K1455	B	5	650-40	5-2	2.5-7	.....	2 1/4 x 2 3/4	2 x 1 1/4	2 3/4	1.80
K1956	B	6	700-60	5-2	2.5-7	2.5-1 1/4	2 1/4 x 2 3/4	2 x 2	3 1/4	2.07
K1958	B	7	700-70	5-3	2.5-7	2.5-3	2 1/4 x 3 1/4	2 1/4 x 2	4	2.20
K1953	B	8-9	700-90	5-3	2.5-10.5	2.5-3	3 3/8 x 3 1/4	2 1/4 x 1 1/4	4 1/4	2.33
K1963	B	10-11	700-110	5-3	2.5-15 1/4	2.5-3	3 3/8 x 3 3/4	2 1/4 x 2 1/4	5	2.99

\*—All plate and heater secondaries are center tapped.

# Trutest ALL PURPOSE Audio Components

## INPUT TRANSFORMERS

Stock No.	For Use As	Mounting Flange	Turn Ratio	Size—In. H. W. D.	Mounting Centers	Terminals	Shpg. Wt.	Your Cost
K1619	Single Plate to Single Grid	A	3:1	1 3/8 x 1 1/2 x 1 1/4"	2 3/8"	Leads	1 lb.	\$0.72
K1550	Single Plate to Single Grid	A	3:1	1 7/8 x 2 1/4 x 1 1/4"	2 1/4"	Leads	1 lb.	1.03
K1620	Single Plate to P.P. Grids	A	3:1	1 5/8 x 2 1/4 x 1 1/4"	2 1/4"	Leads	1 1/4 lbs.	.84
K1551	Single Plate to P.P. Grids	A	3:1	1 7/8 x 2 1/4 x 1 1/4"	2 1/4"	Leads	1 lb.	1.03
K5448	200 Ohms D.B. Mike to Grid	A	20:1	1 5/8 x 2 3/8 x 1 1/4"	2"	Leads	1 1/4 lbs.	.79

## OUTPUT TRANSFORMERS

Stock No.	To Match	Cap. Watts	M't'g Flg.	V.C. Ohms	Size—In. H. W. D.	M't'g Centers	Terminals	Shpg. Wt.	Your Cost
K1610	Single Tube, 2000 ohms	3	A	4	1 3/8 x 2 3/8 x 1 1/4"	2"	Leads	1 lb.	\$0.56
K1611	Single Tube, 5000 ohms	3	A	4	1 5/8 x 2 3/8 x 1 1/4"	2"	Leads	1 lb.	.56
K1613	Single Tube, 10,000 ohms	3	A	4	1 5/8 x 2 3/8 x 1 1/4"	2"	Leads	1 lb.	.56
K19273	Universal Tube	4	A	All	1 5/8 x 2 3/8 x 1 1/4"	2"	Leads	1 lb.	.79
K5667	Universal Tube	8	A	All	1 5/8 x 2 1/2 x 1 1/4"	2 1/4"	Leads	1 lb.	.79
K1535	Universal Tube	12	A	All	2 x 3 3/8 x 1 1/4"	2 1/4"	Leads	1 lb.	1.06
K1538	Universal Line*	18	B	All	2 1/4 x 2 1/4 x 1 1/4"	2 1/4"	Leads	2 lbs.	1.37
K1537	Heavy Duty P.P., 3000-10000 ohms	26	B	4 to 16	3 1/8 x 2 1/4 x 2"	3 1/8"	Leads	3 lbs.	2.12

\*—Matches 500, 1000, 1500 and 2000 ohm lines.

## FILTER CHOKES

Stock No.	Induct. Henrys	Max. D.C. Ma.	D.C. Res. Ohms	M'tg. Flg.	Size In. H. W. D.	Mtg. Centers	Terminals	Shpg. Wt.	Your Cost
K1601	10	30-40	200	A	1 3/8 x 1 1/2 x 1 1/4"	2 3/8"	Leads	1 lb.	\$0.45
K1527	10	65	460	A	1 3/8 x 3 1/4 x 2 1/4"	2 3/8"	Leads	1 lb.	.75
K1528	10	85	250	A	1 7/8 x 3 1/4 x 2 1/4"	2 3/8"	Leads	2 lbs.	.80
K1603	15	30-40	400	A	1 3/8 x 1 1/2 x 1 1/4"	2 3/8"	Leads	1 lb.	.45
K1604	18	30-40	500	A	1 3/8 x 1 1/2 x 1 1/4"	2 3/8"	Leads	1 lb.	.45
K1570	30	110	235	A	2 1/4 x 3 1/4 x 2 1/4"	3 1/8"	Lugs	2 lbs.	1.11
K5638	30	110	200	A	2 1/4 x 4 x 2"	3 1/2"	Leads	2 1/4 lbs.	1.35

## FILAMENT TRANSFORMERS\*

Stock No.	Filament Winding Rated At	M'tg. Flg.	Size In. H. W. D.	Mtg. Centers	Terminals	Shpg. Wt.	Your Cost
K1943	6.3 volts c.t. @ 1.2 amps.	A	1 3/8 x 2 1/4 x 1 1/4"	2 3/8"	Leads	1 lb.	\$0.85
K2388	2.5 volts c.t. @ 5 amps.	A	2 1/4 x 2 1/4 x 1 1/4"	3 3/8"	Leads	2 lbs.	.75
K2441	5 volts c.t. @ 4 amps.	A	2 3/8 x 3 x 1 1/4"	2 3/8"	Leads	2 lbs.	.95
K5495	6.3 volts c.t. @ 5 amps.	A	2 3/8 x 3 x 2"	2 3/8"	Leads	2 lbs.	.99
K1468	2.5 volts c.t. @ 10 amps.	C	3 1/2 x 2 3/8 x 2 3/8"	2x1 1/4"	Leads	3 lbs.	2.19
K1469	5 volts c.t. @ 6 amps.	C	3 1/2 x 2 3/8 x 2 3/8"	2x1 1/4"	Leads	3 lbs.	2.35
K1470	6.3 volts c.t. @ 4 amps.	C	3 1/2 x 2 3/8 x 2 3/8"	2x1 1/4"	Leads	3 lbs.	2.19
K1471	7.5 volts c.t. @ 5 amps.	C	3 5/8 x 2 1/2 x 2 1/4"	2 1/4 x 2"	Leads	4 lbs.	2.55
K1966	Tube Tester 1.1 to 117 volts (19 steps)	A	2 3/8 x 4 1/4 x 2"	3 3/8"	Leads	3 lbs.	4.15

\* All primaries for 105-120 volts, 50/60 cycles a.c.



Type A Mtg.

Popular wide frame strap mounting units. Channels are riveted.



Type B Mtg.

Popular strap mounting units with high frame. Channels are riveted.



Type C Mtg.

Fully shielded upright mounting units with four eye lugs for mounting.

We Will Not Knowingly Be Undersold



# Miscellaneous Audio Components



## Shielded Filter Choke



Our supply is limited on this item—and at the low price shown, they won't last long. Get your order in now. Fully shielded, with lug terminals. Inductance is 5.1 henries; max. d.c. 50 ma.; 3x2 1/2 x 2 1/4".

resistance 500 ohms. Shpg. wt. 2 lbs. **K1419—Each \$55**

## Decoupling Choke

Strap mtg. filter or decoupling choke for currents of 10 ma. or less. Also used in "C" bias supplies. 28 Henrys, 1000 ohms. Size: 1 1/2 x 1 1/2 x 1 1/2". Shpg. wt. 1 1/2 lbs.



**K1411—Each \$29**

## 3:1 Ratio Audio

Popular replacement unit, strap mounting. 1 1/2 x 1 1/2 x 1 1/2"; centers 2 3/4". Insulated leads. For receivers and amplifiers. Shpg. wt. 2 lbs.



**K1619—Your Cost \$72**

## 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 1/2 x 3 1/2 x 3". Shpg. wt. 5 lbs. **K2019—Each \$2.45**

## Bell Ringing Transformer

Primary 110 volts a.c. Secondary 6-8 volts. Wire leads on primary, posts on secondary. **K13245—Each \$55**



## 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. 3x2 1/2 x 2 1/2". Shpg. wt. 2 lbs. **K1843—Your Cost Each \$89**

## 30 Henry Filter Choke



Inductance 30 Henrys, 50 ma. max. d.c., resistance 450 ohms. Size: 2 1/2 x 1 1/2 x 2 1/2". Shpg. wt. 3 lbs. **K246—Your Cost Each \$50**

## 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 1/2 x 3 1/2". **K1929—Each \$95**

## THORDARSON Tone Control Choke



No. T-14C70. High impedance. 22 Henrys at zero current. Max. d.c. 5 ma. Size 2 1/2 x 1 1/2" dia. Mtg. lugs; leads. Wt. 1 lb. **K302—Your Cost \$1.76**

C.R.L. Dual Control for use with the above. **K406—Your Cost Each \$1.47**

## Special STANCOR Power Transformers



Popular type power transformers at unusually low prices. Ideally suited for communications equipment. All primaries for 115 volts, 50/60 cycles a.c.

**K1773—Type M-1535.** Delivers 1200 volts c.t. at 200 ma.; 7.5 volts at 3 amps.; 5 volts at 3 amps.; 2.5 volts at 10 amps. Mtg. area 3 1/2 x 4 1/2". Shpg. wt. 15 lbs.

**K1772—Type M-1534.** Delivers 1200 volts c.t. at 200 ma.; 6.3 volts at 3 amps.; 5 volts at 3 amps.; 6.3 volts at 4 amps. Mtg. area 3 1/2 x 4 1/2". Shpg. wt. 15 lbs.

Either Type Above, **Your Cost Each \$3.95**

## P.P. Input

Fully shielded, lug terminals on bottom. High grade core material. Turns ratio 3:1. Size: 2x2 1/2 x 2 1/2". Shpg. wt. 2 lbs. **K1912—Your Cost \$85**



## Class "B" Input



Strap mtg. p.p. input transformer for use with a 6J5G or similar plate to 6N7 or 6A6 grids in class "B". Size: 1 1/2 x 1 1/2". Shpg. wt. 2 lbs. **K1409—Your Cost \$29**

## Special Value Class "B" Power Transformer

Special low price on this exceptional unit. Universal both physically and electrically. Mounts in any position. Windings tapped. Primary for 115 volts, 50/60 cycles. Secondaries: 165-310-310-165 volts at 115 ma.; 2.5 volts c.t. at 3 amps.; 2.5 volts at 3.5 amps.; 5 volts tapped at 1 1/2 x 1 1/2 x 2 1/2" v. at 5 amps.; 2.5 volts tapped at 1 1/2 x 1 1/2 x 2 1/2" v. at 7 1/2 amps. Size: 4 1/2 x 3 1/2"; centers 1 1/2 x 2 1/2". Shpg. wt. 9 lbs. **K5630—Each \$1.60**



## Shielded Filter Chokes



Fully shielded filter chokes provided with long leads. For upright mtg. All 2 3/4" wide, 3 3/4" high, 2 3/4" deep. Inductance values are with rated d.c. through coil. 2000 V. Test. Wt. 3 lbs.

Stock No.	Ind. Henrys	D.C. Ma.	Ohms D.C.	Your Cost
K1577	25	50	800	\$1.15
K1578	20	80	475	1.15
K1579	12	100	300	.99
K1580	10	125	215	.99
K1581	6	150	150	.99
K1582	4	200	90	.99

## 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. 3x2 1/2 x 2 1/2".



Quantity limited. Shpg. wt. 3 lbs. **K1415—Your Cost \$14**

## Majestic Pilot Light Dimmer



Exact duplicate of Majestic Part No. 7785. Used in models 300, 300 A and 320. Built using high quality material—will stand up. Shpg. wt. 2 lbs. **K2514—Your Cost \$87**

## 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 1/2 x 2 1/2 x 2". Wt. 3 lbs. **K5536—Each \$1.18**

## 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	3 1/2 x 4 x 5 1/2"	6 lbs.	\$2.05
K1968	160	3 1/2 x 4 x 5 1/2"	9 lbs.	2.80
K1422	250	3 1/2 x 4 x 5 1/2"	10 lbs.	3.75
K1426	500	3 1/2 x 5 x 4 1/2"	13 lbs.	5.25



**Universal Step Down Transformers**  
Like above but input is tapped for 160/180/200/220/240 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. 4 3/8 x 3 1/2 x 3 3/4" high. Shpg. wt. 5 lbs. K1970—Each \$3.35**

**250 Watts. 4 3/8 x 3 1/2 x 3 3/4" high. Shpg. wt. 8 lbs. K1971—Each \$4.50**

## 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. 4 1/2 x 2 1/2 x 3 3/4" high. **K1972—Shpg. wt. 5 lbs. Each \$3.35**

**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. Each \$2.50**

## UTAH Special Value Transformers

Unusually low priced units of fine quality. All are fully shielded and have insulated leads. Power trans. primaries for 115 volts, 50/60 cycles a.c.



### Power Transformers For 6.3 Volt Tubes (A) B

Stock No.	Type No.	*Plate Volts-Ma.	Fl. No. 1 V.-A.	*Fl. No. 2 V.-A.	Size H. W. D.	Wt. Lbs.	Your Cost
K1429	RX640	650-40	5-2	6.3-1.6	1 1/4 x 3 x 2 1/2"	2	\$1.18
K1430	RX650	700-50	5-2	6.3-2	2 1/4 x 3 x 2 1/2"	2 1/2	1.62
K1431	RX660	700-60	5-2	6.3-2.5	2 3/4 x 3 x 2 1/2"	3	1.76
K1432	RX675	700-75	5-3	6.3-3.2	2 3/4 x 3 1/2 x 2 1/2"	3 1/2	1.91

\*—Windings are center tapped.

### Public Address Output Transformers (B)

Primary 10,000 ohms (30, 56, 6C5, 76, etc.) Secondary for 200 or 500 ohm line. Shpg. wt. 3 lbs. **K1433—Type 7817. Your Cost Each \$2.06**  
**Universal class "A" primary.** Adjustable impedance 3000 to 14000 ohms, 40 watts audio. Sec. for 2-4-8-16 ohm v.c. **K1434—Type 8444. Wt. 4 lbs. Your Cost \$3.09**  
 As above, but secondary for 200 or 500 ohm line. **K1435—Type 8446. Your Cost Each \$3.09**  
**Universal class "AB" or "B" primary.** Adjustable impedance 3000 to 14000 ohms, 40 watts audio. Sec. 2-4-8-16 ohm v.c. **K1436—Type 8445. Wt. 4 lbs. Your Cost \$3.23**  
 As above, but secondary for 200 or 500 ohm line. **K1437—Type 8447. Your Cost Each \$3.23**  
**Primary class "AB" 6L6, 6600 ohms plate to plate, 30 watts audio. Secondary 4-8-16-125-250 500 ohms. Wt. 4 lbs. K1438—Type 9076. Your Cost Each \$3.23**

# POPULAR REPLACEMENT PARTS

## EXACT DUPLICATE AUDIO TRANSFORMERS

In the tabulation below, we list the popular manufacturers type duplicate replacement audio transformers. We can supply any unit not shown at the lowest obtainable prices; give year, make and model number of set and name of unit, or send sample.

Manufacturer	Model and Type	No.	Each
<b>Airline</b>	62-101, 62-020: Input.	K2247	\$1.55
<b>Atwater-Kent</b>	55, 55C, 60, 60C-P.P. Input and Out.	K2492	1.89
<b>Clarion</b>	AC60 Input.	K2247	1.55
<b>Crosley</b>	60S, 61S, 62S, 63S—P.P. Input (6 leads)	K1848	1.25
<b>Fada</b>	42, 44, 46 (KA)—P.P. Input.	K1642	1.35
<b>General Elec.</b>	H32 Input and Output.	K2001	1.90
<b>Majestic</b>	70, 90—1st Audio.	K2490	1.25
<b>Majestic</b>	70, 90, 180—P.P. Input.	K2109	.95
<b>Philco</b>	20, 220—P.P. Input.	K1738	1.65
<b>Philco</b>	20, 220—P.P. Output (2-45's).	K1746	1.47
<b>Philco</b>	76, 77—P.P. Output (2-45's).	K1746	1.47
<b>Philco</b>	90, 90A (2-45's)—P.P. Output.	K1746	1.47
<b>Philco</b>	95, 96, 296—P.P. Output (2-45's).	K1746	1.47
<b>Philco</b>	111, 112 (2-45's)—P.P. Output.	K1746	1.47
<b>RCA-Victor</b>	R32, 52, RE45, RD75, Phono Input.	K5683	1.85
<b>RCA-Victor</b>	R32, RE45, R52, RE-75—P.P. Input and Output assembly.	K1965	1.85
<b>RCA-Victor</b>	80, 82, 86, R35, R39, RE57—P.P. Input and Output assembly.	K1998	1.85
<b>RCA-Victor</b>	R50, R55, RE20, RA59, RAE79—P.P. Input and Output assembly.	K2001	1.90
<b>RCA-Victor</b>	16, 17, 18, 33, 41, 50, 51—Dual Audio	K2005	.75
<b>RCA-Victor</b>	R7A—P.P. Input and Output.	K2098	1.95
<b>Spartan</b>	589, 930, 931—P.P. Input.	K281	1.41
<b>Spartan</b>	930, 931—P.P. Output.	K276	1.06
<b>Stromberg</b>	641, 642, 652, 654—Audio.	K2331	1.35
<b>Stromberg</b>	10, 11, 25, 26—P.P. Input.	K2375	6.29
<b>Stromberg</b>	68—1st Audio.	K1813	.59
<b>Stromberg</b>	68—Driver Input.	K1814	.95

## Aerovox A.C.-D.C. Electrolytics

Numbers in greatest demand today are listed below. We can supply any electrolytic duplicate not shown at lowest prices; give name of set and model, or send sample for quote.

Stock No.	Mfrs. No.	Cap. Mfd.	Wkg. Volts	Your Cost
<b>CROSLEY</b>				
K2976	W25857B	8-8	200-25	\$0.59
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
<b>EMERSON</b>				
K2815	4HC348B	20-20	150	.68
K3830	HC-31	4-4	200	.53
K3831	HC-32	5-5	35	.44
K4554	GCG-137	8-16x5-5	150-25	1.21
K3031	KKC-143	12-8	150	.73
K3033	2CC-194	8-16	150	.85
K2816	2CC-222	12-12	150	1.03
K2822	2LC-224	16-4-8	150	1.09
<b>GENERAL ELECTRIC</b>				
K2993	K1236	12-8	450	.91
<b>RCA-VICTOR</b>				
K2893	6661	8-8-5-5	450-450-	1.29
	66185-2		50-50	
K2863	7589	4-4	150-450	.62
	66143			
K5011	11240	16	450	1.03
	68597-5			
K5011	11203	16	450	1.03
	68597-6			
<b>ZENITH</b>				
K3148	22-560	35-16-10	150-150-25	.88



## THORDARSON

### Power Transformers



General purpose fully shielded units for radio receivers and amplifiers. Bottom leads; diagram furnished. All primaries for 110/120 volts, 50/60 cycles.

**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. 2 1/2 x 3 1/2 x 3 1/4".  
**K264—Your Cost... \$4.76**

**For Class "B" Receivers**  
T69R35—775 volts ct. at 200 ma.; 6.3 volts ct. at 3 amps.; 5 volts at 3 amps. 4 1/2 x 3 1/2 x 4 1/4".  
**K426—Your Cost... \$4.76**

**For 6L6 P.A. Amp.**  
T17R30—740 volts ct. at 280 ma.; 6.3 volts ct. at 7 amps.; 5 volts at 3 amps. 3 1/2 x 4 1/2 x 4 1/4".  
**K511—Your Cost... \$6.00**

**For Hi-Power Amp.**  
T17R31—860 volts ct. at 325 ma.; 6.3 volts ct. at 8 amps.; 5 volts at 6 amps. 4 1/2 x 4 1/2 x 4 1/4".  
**K522—Your Cost... \$8.82**

**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. 3 1/2 x 2 3/4 x 4 1/4".  
**K514—Your Cost... \$3.00**

**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. 4 1/2 x 3 1/2 x 3 1/4".  
**K321—Your Cost... \$3.35**

**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. 3 1/2 x 4 1/4".  
**K516—Your Cost... \$5.47**



## EXACT DUPLICATE POWER TRANSFORMERS

Popular types listed; all for 110 volts, 50/60 cycles a.c. unless otherwise noted. Transformers for other sets on order; give make and model of set or send sample for our low quote.

Make and Model of Radio	Stock No.	Your Cost	Make and Model of Radio	Stock No.	Your Cost
<b>ATWATER KENT</b>			<b>PHILCO</b>		
36, 37, 38	K2255	\$2.75	20, 220	K1955	\$2.28
40, 42, 44, 45, 52, 56, 57	Comp.		65	K1956	2.07
Pack	K1376	4.95	70	K1957	2.40
84	K2474	3.25	76, 77	K1958	2.20
70, 72, 75, L-1, L-2, H-1, H-2	K2440	5.18	86	K1960	2.28
310, 510	K2378	2.50	87	K1959	2.40
<b>CLARION</b>			90 (2-45a)	K1953	2.33
340	K2087	2.30	90 (1-47)	K1953	2.33
<b>COLUMBIA RADIO</b>			90 (2-47a)	K1953	2.33
Screen Grid 8 (with choke)	K2305	3.75	95, 96, 296	K1962	2.28
<b>EDISON</b>			111, 112 (2-45a)	K1963	2.99
R-4, R-5, C-4	K2251	3.85	112, 212 (2-47a)	K1963	2.99
<b>GENERAL ELECTRIC</b>			<b>RCA-RADIOLA</b>		
H-31, H-51, H-71	K2156	4.50	42, 48	K2155	2.30
T-41	K2155	2.30	80, 82, 86	K2156	4.50
S-22, S-42	K2187	3.88	R7, R7A, R9, RE16A	K2187	3.88
H-52, H-72	K2190	2.45	R50, R55, RE-20	K2190	2.45
J-82, J-85	K2112	4.70	R8, R10, R12	K2112	4.70
E91, E95, E101, E105, E106	K1921	4.62	R71, R72	K2112	4.70
E61, E62, E68	K1923	3.15	R100 (late), E101	K2011	1.90
<b>MAJESTIC</b>			<b>RCA-VICTOR</b>		
90 Chassis, 91, 92 plate-fil	K2100	3.95	R-32, RE-45, R-52, RE-75	K2185	6.47
90P, 93, 100-B	K2127	3.95	R14, R15, RE17	K2155	2.30
20 Chassis; 21, 22, 23	K2129	3.45	R39, 39, 57	K2195	2.95
130 Chassis, 131, 132	K2130	2.30	R-7AC	K2187	3.88
300, 300A	K2044	3.75	R50, R55, RE-20	K2190	2.45
380, 381	K2016	1.40	<b>STROMBERG-CARLSON</b>		
460, 461, 463	K2405	2.25	10, 11, 25, 26	K2370	2.95
			638 25-50 cyc.	K2249	2.95
			641, 642, 652, 654	K2257	5.18
			846, 848	K2258	3.95
			<b>ZENITH</b>		
			50, 60, 70 series;		
			ZE-50, ZE-60,		
			ZE-70 power units	K1980	6.47

## THORDARSON TRANSFORMER ENCYCLOPEDIA

Informative Transformer Encyclopedia and Service Guide supplied FREE with all orders for Thordarson transformers. Just ask for one when you send your next order in.

**K461—FREE** on request with orders for Thordarson transformers.

## Fully Shielded 6.3 V. Transformers For Sets Using PM Speakers

Deliver lower plate voltage than required by sets using field coil type speakers. All fully shielded, upright mounting, with leads. Primaries are for 110/120 volts, 50/60 cycles a.c.



**K1938—Delivers 240-0-240 volts at 40 ma.; 5 volts at 2 amps.; 6.3 volts c.t. at 1.6 amps. Size: 2 1/2 x 2 1/2 x 3 1/4". Shpg. wt. 3 lbs.**  
**Your Cost Each... \$1.10**

**K1939—Delivers 260-0-260 volts at 60 ma.; 5 volts at 2 amps.; 6.3 volts c.t. at 2 amps. Size: 2 1/2 x 2 1/2 x 3 1/4". Shpg. wt. 4 lbs.**  
**Your Cost Each... \$1.28**

**K1940—Delivers 275-0-275 volts at 80 ma.; 5 volts at 2 amps.; 6.3 volts c.t. at 2 1/2 amps. Size: 2 1/2 x 3 1/2 x 3 1/4". Shpg. wt. 5 lbs.**  
**Your Cost Each... \$1.50**

## Special Value! Transformer For Sets Using PM Speakers

Dealers and servicemen can add to profits by taking advantage of the unusually low price quoted for this unit.



Popular half-shell mounting type, with lug terminals. Primary for 110/120 volts, 60 cycles a.c. Secondaries: 240-0-240 volts at 40 ma.; 5 volts at 2 amps. (rectifier); 6.3 volts at 1.6 amps. (for heaters). Mounting area 2 1/2 x 3". Diagram supplied. Shpg. wt. 3 lbs.  
**K1473—Your Cost Each... \$1.10**

**We Will Not Knowingly Be Undersold**

# 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, 55, 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 1/2 x 1 1/2 x 1 1/2	3B	3/4	\$0.94
K265	T-29A99	3:1	2 1/2 x 2 x 2 1/2	2B	1 1/4	1.41
K266	T-57A36	3:1	2 1/2 x 2 1/2 x 2 1/2	2F	1 1/2	1.59
K213	T-47A25	3:1	2 1/2 x 2 1/2 x 2 1/2	2C	1	1.59
K268	T-57A38	3:1	3 3/8 x 2 1/2 x 3	2F	2 1/4	2.12
K211	T-75A74*	2:1	2 1/2 x 2 1/2 x 2 1/2	2F	1 1/2	1.94

\* 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 5/8 x 1 5/8	3B	1/2	\$0.94
K600	T-13A35	3:1	2 1/2 x 1 1/2 x 1 1/2	3B	3/4	1.06
K281	T-33A91	3:1	2 1/2 x 2 1/2 x 2 1/2	2B	1 1/4	1.41
K237	T-86A03	3:1	3 3/8 x 2 1/2 x 2	3B	1 1/2	1.59
K216	T-14A29	3:1	2 1/2 x 1 1/2 x 2 1/2	2C	1 1/4	1.76
K282	T-57A39	3:1	2 3/4 x 2 1/2 x 2 1/2	2B	1 1/2	1.76
K283	T-57A40	3:1	3 3/8 x 2 1/2 x 3	2F	2	2.29
K284	T-57A41	3:1	3 3/8 x 2 1/2 x 3	2F	2 1/4	2.47
K301	T-74A31	1:1	3 3/8 x 2 1/2 x 3	2F	2 1/4	2.47
K601*	T-13A36	1:1	3 1/2 x 1 1/2 x 2	3B	1	1.41
K272*	T-58A70	1.5:1	3 3/8 x 2 1/2 x 3	2F	2 1/4	2.65

\* Indicates P.P. Plates 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'ys.	Rated Ma.	Res. Ohms	Wt. Lbs.	Your Cost
K604	T-13C26	3B	8	40	530	1/2	\$0.65
K605	T-13C27	3B	10	40	475	3/4	.76
K606	T-13C28	3B	10	65	460	1	.85
K241	T-43C92	2C	10	75	260	1 1/4	1.18
K252	T-47C07	3B	12	75	410	1 1/4	1.18
K254	T-44C02	3B	12	80	405	1 1/4	1.06
K287	T-57C51	2B	6	80	138	1 1/4	1.06
K607	T-13C29	3B	9	85	250	1 1/2	1.12
K334	T-68C07	2B	15	85	375	2	1.41
K289	T-57C53	2B	10	110	200	2 1/4	1.41
K290	T-57C54	2F	10	110	200	2 1/4	1.59
K335	T-75C49	3B	8	120	290	1 1/2	1.06
K269	T-17C00-B	2F	12	150	231	3 3/4	1.94
K608	T-13C30	2B	8	150	200	2 1/4	1.41
K336	T-74C29	2G	15	150	200	5 1/4	2.82
K310	T-67C49	2F	5	200	80	3 3/4	1.94
K366	T-75C51	2G	13	250	121	8	3.53

## AC-DC Filter Chokes

Small but highly efficient filtering chokes for AC-DC receivers, inter-communicators, etc. All are 2 1/2 x 1 1/2 x 1 1/2" high.

Stock No.	Thord. No.	Mount. Type	Induct. H'ys.	Rated Ma.	Res. Ohms	Wt. Lbs.	Your Cost
K487	T-14C61	3B	7	55	200	3/4	\$0.71
K488	T-14C62	3B	8	55	250	3/4	.71
K489	T-14C63	3B	8	55	300	3/4	.71
K490	T-14C64	3B	10	55	350	3/4	.71

## Low Imp. Source To Single or P.P. Grid

Stock No.	Thord. No.	Application	Impedance Pri.	Ohms Sec.	Mtg. Type	Wt. Lbs.	Your Cost
K375	T-65A73	DB mike to grid	200/50	100,000	2F	2	\$2.12
K402	T-83A78	S.B. mike to grids	100	*400,000	2F	1 1/4	1.59
K405	T-86A02	S.B. mike to grid	100	*400,000	2B	1	1.59
K377	T-72A59	Plate and S.B. Mike to grid	5000	100,000	2B	3/4	1.18
K428	T-83D21	Line to P.P. grids 6L6's or 50's (AB)	500	5100, 12,500	2F	2 1/4	2.47

\* Center tapped secondary.

We are listing on this page only the most popular numbers in the complete Thordarson audio line. See page 68 for power transformers. We can, however, supply any unit made by Thordarson at the Dealer Prices.

## Output Transformers

Stock No.	Thord. No.	Class Oper. §	Ohms Impedance Pri. Sec.	Max. Watts	Mtg. Fig.	Your Cost
K455	T-14881	S or P.P.; A	7000 Ct.—3 to 6	5	3B	\$0.88
K536	T-14883	S; A	25,000 Ct.—3 to 6	5	3B	.88
K537	T-14884	S; A	8000—3 to 6	5	3B	.88
K602	T-13837	S; A	7000—1-2-4	5	3E	.88
K376	T-13839	S; A	4000—1-2-4	5	3E	.88
K276	T-33899	P.P.; A	8000 Ct.—6 to 12	10	2B	1.06
K386	T-13840	P.P.; A	14,000 Ct.—1-2-4	10	3E	1.06
K387	T-81801	P.P.; B	10,000 Ct.—2-4-8	8	2B	1.06
K388	T-17810	S; A	2500—2-4-8-500	8	2F	2.12
K390	T-17811	P.P.; AB <sub>1</sub>	8000*—4-8-15-250-500	15	2F	3.18
K391	T-17812	P.P.; AB <sub>1</sub>	4300*—4-8-15-250-500	25	2F	3.18
K392	T-17813	P.P.; AB <sub>1</sub>	6600*—4-8-15-250-500	34	2G	4.23
K393	T-17814	P.P.; AB <sub>1</sub>	5500*—4-8-15-250-500	40	2G	4.23
K471	T-17815	P.P.P.; AB <sub>1</sub>	3300*—4-8-15-250-500	60	2G	4.59
K327	T-67851	P.P.; A	14,000—4-8-15-500	20	2F	2.47
K329	T-67848	P.P.; A&B	8000—4-8-15-500	25	2F	2.47
K273	T-58872	P.P.; A&AB	3000—4-8-15-500	30	2F	2.65
K326	T-67854	P.P.; A&AB	5000—4-8-15-500	30	2F	2.82
K331	T-67892	P.P. Par. A and AB	1500—4-8-15-500	40	2F	2.82
K328	T-65894	P.P.; A; AB <sub>2</sub>	8000—4-8-15-500	40	2F	2.82
K330	T-75875	P.P.; A; AB <sub>2</sub> &B	10,000—4-8-15-500	40	2F	2.82
K507	T-84858	P.P.; AB <sub>2</sub>	3800—4-8-15-500	60	2G	4.23
K364	T-89875	P.P.; AB <sub>1</sub>	6600—4-8-15-500	40	2F	2.82

\*—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 Impedance	Max. Watts	Mtg. Fig.	Your Cost
K603	T-13838	Sin. or P.P.; Cl. A	4000/7000	Adjust. .1 to .29	8	3E \$1.06
K541	T-14885		8000/10,000	8	3B	1.88
K278	T-57801		14,000 Ct.	8	2E	1.41
K474	T-57802		8	2B	1.41	
K275	T-17857		8	2C	1.59	

K354	T-13842	S; A	1500/2000 4000/5000 7000	Adjust. .1 to .29	10	3E 1.06
K355	T-13841	P.P.; A	3000/5000 6600/7000 8000/10,000	Adjust. .1 to .29	20	2E 1.94

## Universal Tube To Line

K297	T-61825	Univ. Single; A	2500 4000 5000/6000/7000	500	10	2E \$2.29
K298	T-61826	Univ. P.P.; A	8000/10,000 12,000/14,000 c.t.	500	10	2E 2.47

## Universal Line To Speaker

K299	T-53881	L. to V.C.	500/250	4-8-15	35	2D \$3.35
K506	T-60848	1 to 6 V.C.'s to 500 ohm L.	500/1000 1500/2000 2500/3000	Pri. as 500 ohm .06 to 8; pri. as 1000 ohm-.12 to 16	10	2E 2.12
K453	T-14880	L. to V.C.	500	2-4-6-8	12	2E 1.41
K454	T-76874	L. to Multi-tap spkrs.	500—250/166/125 100/84 (auto trans.)		30	3E 2.65

## Audio Reactors

Stock No.	Thord. No.	Induct. H'ys.	Max. Ma.	D.C. Ohms	Mtg. Type	Shpg. wt. lbs.	Your Cost
K317	T-67C46*	300	.5	6470	2B	2	\$1.23
K5497	T-29C27*	500	.5	6150	2B	1	1.23
K333	T-18C92*	22	.35	405	3B	2	1.06
K318	T-81C15†	.75	.5	30	2B	1	1.06
K320	T-93C20†	250	.5	6400	2B	2	1.94
K332	T-74C30†	42	15	2100	3B	1	1.06
K302	T-14C70	22	0	220	††	1	1.76

\*—Indicates Plate Impedance. †—Indicates Tuned Audio Circuit, to accentuate a pre-determined band of frequencies. ††—Round can, 2 1/4" 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	\$2.12
K338	T-74D32	2F	2-6C5, 76, 56	2-6F6, 42, 2A5, 4-2A3, 6B4G	AB2 AB	2.29
K316	T-78D46	2B	1-30	1-1J6G, 19, 2-30	B	1.06
K322	T-54D63	2F	1-30, 1-49, 1-6C5	1-1J6G, 1-19 2-49, 2-6V6	B AB2	1.59
K340	T-81D42	2F	1-6F6, 42, 2A5 Triodes	2-6I6, 42, 2A5 Triodes or Pts.	AB2	2.29
K508	T-84D59	2F	2-6C5, 6N7	2-6L6, 6V6	AB2	2.29
K457	T-17D01	3B	2-6A6, 5A	2-6N7, 6A6, 53	B	2.29
K458	T-14D93	3B	6F6, 42, 2A5 Tr. 1-7E Triode	2-6F6, 6L6 1-6A6, 6N7	AB B	1.41 1.23

# AEROVOX Special Purpose CONDENSERS



**"09" Series**  
Compact high voltage units hermetically sealed in welded steel cans. "Hyvol" filled. Universal mounting bracket that permits either upright or inverted mtg. Sizes to 5000 V. available on special order.

Stock No.	Cap. Mfd.	Wkg. Vts.	Size In.	Your Cost
K4527	2	600	3 1/4 x 1 1/2 x 1 1/2	\$3.00
K4528	4	600	3 3/4 x 2 1/2 x 1 1/2	3.88
K4529	1	1000	2 1/2 x 1 1/2 x 1 1/2	2.65
K4530	2	1000	3 1/2 x 1 1/2 x 1 1/2	3.53
K4531	4	1000	4 1/2 x 2 1/2 x 1 1/2	4.41
K4532	1	1500	4 1/2 x 1 1/2 x 1 1/2	3.17
K4533	2	1500	4 3/4 x 2 1/2 x 1 1/2	4.41
K4534	4	1500	4 3/4 x 3 1/2 x 1 1/2	6.00
K4535	1	2000	3 1/2 x 2 1/2 x 1 1/2	3.88
K4536	2	2000	3 3/4 x 3 1/2 x 1 1/2	4.55
K4826	4	3000	4 1/2 x 3 1/2 x 1 1/2	6.35
K4830	2	2500	4 1/2 x 3 1/2 x 1 1/2	9.17
K4825	2	3000	4 1/2 x 3 1/2 x 3 1/2	10.58



**AeroVox 1000 V. Condensers**  
Compact wax-filled and impregnated units in rust-proof metal cans 2" high, 1 1/2" wide. 1000 V. Wkg. Wt. 2 lbs.

No.	Mfd.	Depth	Each
K5046	.5	1 1/2"	\$1.06
K5047	1.0	1 1/2"	1.47
K5048	2.0	2 1/2"	2.26
K5049*	4.0	2 1/2"	3.65

\* 2 1/2" wide.

## Drawn Metal Case Oil-Filled Condensers



Non-inductive paper sections encased in one-piece drawn, hot-tinned brass case with soldered bottom plate which hermetically seals the capacitor. Are both oil-impregnated and oil-filled. Riveted lug terminals. 3/8" mtg. ears. In addition to the sizes listed below we can also furnish units with 200V. and 400V. DC working voltages. Other capacities are also available on order; prices on request. 600V. D.C.W. Type 630.

Single Section				
Stock No.	Cap. Mfd.	Size Inches	Your Cost	
K3637	.1	1 1/2 x 1 1/2 x 1 1/2	\$1.23	
K3638	.25	1 1/2 x 1 1/2 x 1 1/2	1.29	
K3639	.5	2 1/2 x 1 1/2 x 1 1/2	1.38	
K3640	1.0	2 1/2 x 1 1/2 x 1 1/2	1.59	

Dual Section				
Stock No.	Cap. Mfd.	Size Inches	Your Cost	
K3641	.1-1	1 1/2 x 1 1/2 x 1 1/2	\$1.56	
K3642	.25-25	2 1/2 x 1 1/2 x 1 1/2	1.59	
K3643	.5-5	2 1/2 x 1 1/2 x 1 1/2	1.82	

## Rectangular-Can Oil-Filled Condensers



Upright corrosion-proof metal containers hermetically solder-sealed. Special immersion-proof terminals. Especially designed for aircraft and marine installations where compactness and minimum weight are essential. Ideal for use wherever severe atmospheric and climatic conditions are encountered.

Type 416 400V. D.C.W.				
Stock No.	Cap. Mfd.	Size In.	Your Cost	
K3629	.25	1 1/2 x 1 1/2 x 2 1/2	\$1.35	
K3630	.5	1 1/2 x 1 1/2 x 2 1/2	1.38	

Type 616 600V. D.C.W.				
Stock No.	Cap. Mfd.	Size In.	Your Cost	
K3633	.1	1 1/2 x 1 1/2 x 1 1/2	\$1.35	
K3634	.25	1 1/2 x 1 1/2 x 1 1/2	1.38	
K3635	.5	1 1/2 x 1 1/2 x 2 1/2	1.41	

Type 1016 1000V. D.C.W.				
Stock No.	Cap. Mfd.	Size In.	Your Cost	
K3627	.05	1 1/2 x 1 1/2 x 1 1/2	\$1.32	
K3628	.1	1 1/2 x 1 1/2 x 1 1/2	1.38	
K3631	.25	1 1/2 x 1 1/2 x 1 1/2	1.41	
K3632	.5	1 1/2 x 1 1/2 x 2 1/2	1.53	

## "05" Series

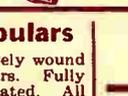


"Hyvol" filled and impregnated units in round aluminum cans provided with terminals mounted on high voltage stand-off insulators. Hermetically sealed. All mount either upright or inverted; mounting ring is furnished. All conservatively rated.

Stock No.	Cap. Mfd.	Wkg. Vts.	Size In.	Your Cost
K4819	1.0	600	2 x 2 1/2	\$1.76
K4820	2.0	600	2 x 2 1/2	2.29
K4821	4.0	600	2 x 3 1/2	3.17
K4793	1.0	1000	2 x 3 1/2	1.94
K4794	2.0	1000	2 x 3 1/2	2.65
K4795	4.0	1000	2 1/2 x 3 1/2	3.35
K4796	1.0	1500	2 x 3 1/2	2.47
K4797	2.0	1500	2 x 3 1/2	3.35
K4822	4.0	1500	2 1/2 x 3 1/2	4.23
K4798	1.0	2000	2 x 4 1/2	3.17
K4799	2.0	2000	2 x 5 1/2	3.53
K4827	1.0	2500	2 x 5 1/2	4.23
K4828	2.0	2500	2 1/2 x 5 1/2	7.06
K4823	1.0	3000	2 1/2 x 5 1/2	4.23
K4561	2.0	3000	3 x 5 1/2	6.75

## Commercial Grade Capacitors

We can also furnish the extra-heavy-duty commercial grade capacitors as used by the Army, Navy and commercial communication companies. AeroVox Transmitting Catalog FREE only to professional radio and electronic engineers. Write on business letterhead. K19668—FREE on request.



## AEROVOX Paper Tubulars



Non-inductively wound paper tubulars. Fully wax impregnated. All have pigtail wire leads.

400 Volts Working					
No.	Mfd.	Each	No.	Mfd.	Each
K4731	.01		K4737	.1	15c
K4733	.02	12c	K4739	.25	18c
K4734	.03		K4741	.5	26c
K4735	.05		K4742	1.0	35c

600 Volts Working					
No.	Mfd.	Each	No.	Mfd.	Each
K4746	.001		K4754	.02	12c
K4747	.002		K4755	.03	15c
K4748	.003		K4756	.05	15c
K4749	.005	12c	K4758	.1	18c
K4750	.006		K4760	.25	26c
K4752	.01		K4762	.5	35c
K4753	.015				

1000 Volts Working					
No.	Mfd.	Each	No.	Mfd.	Each
K4766	.001		K4772	.01	24c
K4767	.002		K4774	.02	24c
K4768	.003	15c	K4776	.05	26c
K4769	.005		K4778	.1	35c
K4770	.006				

## VIBRATOR TUBULARS

Paper type, rated at 1600 volts wkg.							
No.	Mfd.	Size	Each	No.	Mfd.	Size	Each
K4779	.01	1 1/2 x 1 1/2	27c	K4782	.04	1 1/2 x 2	29c
K4780	.02	1 1/2 x 1 1/2	27c	K4783	.05	1 1/2 x 2	32c
K4781	.03	1 1/2 x 1 1/2	29c				

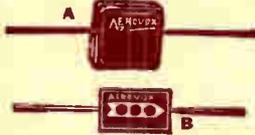


Oil Filled and Oil Impregnated Tubulars  
2000 volts wkg. Ideal for vibrators and x'mitters.

No.	Mfd.	Size	Each	No.	Mfd.	Size	Each
K4833	.0075	1 1/2 x 1 1/2	53c	K4837	.03	1 1/2 x 2 1/2	56c
K4834	.01	1 1/2 x 1 1/2	53c	K4838	.04	1 1/2 x 2 1/2	56c
K4835	.015	1 1/2 x 1 1/2	53c	K4839	.05	1 1/2 x 2 1/2	59c
K4836	.02	1 1/2 x 1 1/2	53c				

**FREE:** An informative, practical engineering paper, issued monthly, the AEROVOX RESEARCH WORKER. Servicemen, engineers, hams, and other interested radio workers need only write us today—names will be placed on the mailing list immediately. When writing, give name and address, employment or business AND your radio qualifications.

## AEROVOX Silver Micacs



Enclosed in molded XM bakelite housings and provided with pigtail leads. Features: only plus 0022 per degree F. temperature coefficient; high "Q"; no capacity drift with time 1000 volts test, 500 working. Tolerance ±5%.

Type 1469—Fig. B, 1/2" x 1/2"					
No.	Mfd.	Each	No.	Mfd.	Each
K5071	.00005	35c	K5079	.00015	35c
K5072	.00001	29c	K5080	.0002	35c
K5073	.00025	29c	K5081	.00025	35c
K5074	.00004	29c	K5082	.0003	53c
K5075	.00005	29c	K5083	.00035	53c
K5076	.00007	29c	K5084	.0004	53c
K5077	.00075	29c	K5085	.0005	53c
K5078	.0001	29c			

Type 1464—Fig. A, 1/2" Square					
No.	Mfd.	Each	No.	Mfd.	Each
K5086	.00075	71c	K5090	.0025	\$1.41
K5087	.001	88c	K5091	.003*	1.59
K5088	.0015	\$1.06	K5092	.004*	1.68
K5089	.002	1.06	K5093	.005*	1.76

\*—800 volts test, 300 working.

## AEROVOX Midget Micacs



1000 V. Test, 500 V. Wkg.  
Type 1467 (A) "Postage Stamp" Micacs only 1/2" square. Bakelite case. Type 1468 (B) ultra-tiny units in bakelite cases only 1/4" x 1/4" x 1/4".

"A"						"B"					
No.	Mfd.	Each	No.	Mfd.	Each	No.	Mfd.	Each	No.	Mfd.	Each
.....	.00004	12c	K3417	K4623	.0005	15c	K3427	.....	.....	.....	.....
.....	.00005	12c	K3420	K4624	.001	18c	K3428	.....	.....	.....	.....
.....	.00007	12c	K3421	K4625	.002	24c	.....	.....	.....	.....	.....
.....	.000075	12c	K3422	K4626	.003	29c	.....	.....	.....	.....	.....
.....	.0001	12c	K3423	K4627	.004*	32c	.....	.....	.....	.....	.....
.....	.00015	12c	K3424	K4628	.005*	35c	.....	.....	.....	.....	.....
.....	.0002	12c	K3425	K4629	.006*	44c	.....	.....	.....	.....	.....
.....	.00025	15c	K3426	K4493	.01*	53c	.....	.....	.....	.....	.....

Sizes marked \* are 600 v. test, 300 v. working.

## Type 1450 Micacs



High quality bakelite cased micacs, all 1 1/2" square. Lug terminals. 1000 v. test, 500 wkg.

No.	Mfd.	Each	No.	Mfd.	Each
K4601	.00005	26c	K4608	.002	32c
K4602	.0001	26c	K4609	.003	41c
K4603	.0002	26c	K4610	.004	41c
K4604	.00025	26c	K4611	.005	41c
K4605	.0005	26c	K4612	.006	47c
K4606	.001	29c	K4613	.01	59c
K4607	.0015	32c	K4614	.02*	85c

\* 600 v. test, 300 v. working.

## AEROVOX UNCASSED Replacement Units



Non-inductively wound high grade uncased sections, neatly shaped and wrapped in black varnish paper with ends sealed with pitch. Provided with insulated wire leads, 8" long. Designed for replacement use in filter block repair work. In two popular sizes; two standard working voltages. Shpg. wt. each 1 lb.

400 Wkg. Volts D.C.				600 Wkg. Volts D.C.			
No.	Mfd.	Size	Each	No.	Mfd.	Size	Each
K3412	1.0	2 1/2 x 1 1/2	53c	K3414	1.0	3 1/2 x 1 1/2	65c
K3413	2.0	3 1/2 x 1 1/2	82c	K3415	2.0	3 1/2 x 1 1/2	97c

## 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 PWC—Round Metal Cans 1/2" H.					
Stock No.	Replaces	Actual Cap. Mfd.	Dim. In.	Your Cost	
K5065	4	2	1 1/2 x 1 1/2	\$0.97	
K5066	8	2.75	1 1/2 x 1 1/2	1.23	
K5067	8-8	1.75-1.75	1 1/2 x 1 1/2	2.00	

Series PWP—Cardboard Cases 1/2" L.					
Stock No.	PWP	Actual Cap. Mfd.	Dim. In.	Your Cost	
K5068	4	2	1 1/2 x 1 1/2	.85	
K5069	8	3	1 1/2 x 1 1/2	1.15	

# 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 eyeleted on chassis. Fibre washer for insulated can; metal for grounded can. Metal and bakelite washers supplied. Can neg. Type F.

No.	Mfd.	W. V.	DxH	Each
K5022	10	450	1x2	\$0.53
K5023	20	450	1x2	.79
K5021	30	450	1x3	.97
K5024	40	450	1x3	1.15
K5025	10-10	450	1x2	.85
K5026	10-10-10	450	1x3	1.12
K5027	20-20	450	1x3	1.18
K4586	80	400	1 1/2 x 2	1.73
K5028	10-10	250	1x2	.76
K5029	20-20	250	1x2	.79
K5030	20-20	150	1x2	.71
K5031	30-30	150	1x2	.79
K5032	30	150	1x2	.50
K5033	10-10	450	1x3	.94
	20	25		
K4590	30-20	150	1x2	.82
	20	25		
K4567	15-15	250	1x2	.79
	20	25		

## Inverted Dry Electrolytics



Screw-mount inverted dry electrolytics. Supplied with lock-washer nut, 1/4" screw bushing. All have two 8" color-coded leads per section for terminals. Available in single, double and triple section units. Insulated large size can.

**Type GL-600 - Single Section 800 V. Peak - 600 V. D.C. Wkg.**

No.	Mfd.	Dia.	Ht.	Each
K4516	4	1 1/2 x 4 1/2		\$1.32
K4517	8	1 1/2 x 4 1/2		1.85

**Type GL-450 - Single Section 525 V. Peak - 450 V. D.C. Wkg.**

No.	Mfd.	Size	Each
K4651	4	1 1/2 x 3	\$0.62
K4652	8	1 1/2 x 3	.76
K4653	12	1 1/2 x 4	1.00
K4654	16	1 1/2 x 4	1.12
K4577	20	1 1/2 x 4	1.23
K4679	30	1 1/2 x 4	1.71
K4580	40	1 1/2 x 4	2.18
K4572	80	1 1/2 x 4	3.00

**Type 2GL-450 - Double Section 525 V. Peak - 450 V. D.C. Wkg.**

No.	Mfd.	Size	Each
K4655	4-4*	1 1/2 x 4	\$0.94
K4656	8-8*	1 1/2 x 4	1.15
K4686	8-16*	1 1/2 x 4	1.41
K4573	10-10*	1 1/2 x 4	1.38
K4574	16-16*	1 1/2 x 4	1.65
K4575	20-20*	1 1/2 x 4	1.94

**Type 3GL-450 - Triple Section 525 V. Peak - 450 V. D.C. Wkg.**

No.	Mfd.	Size	Each
K4657	4-4-4*	1 1/2 x 3	\$1.35
K4658	8-8-8*	1 1/2 x 4 1/2	1.71
K4578	10-10-10*	1 1/2 x 4	1.88

\* Each section has 2 leads.

**Type GL-45025 450x25 V. D.C. Wkg.**

No.	Mfd.	Size	Each
K4585	10-10x450 20x25	1 1/2 x 3	\$1.88

## 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	Each
K4663	4	1x2 1/4	\$0.62
K4664	8	1x2 1/4	.76
K4665	12	1x3 1/4	1.00
K4666	16	1x3 1/4	1.12
K4518	8-8*	1 1/2 x 3	1.15

**Type GLS-250 - 250 V. D.C. Wkg.**

No.	Mfd.	Size	Each
K4667	4	1x2 1/4	\$0.53
K4668	8	1x2 1/4	.68
K4669	12	1x2 1/4	.82
K4670	16	1x3 1/4	.97

\* Double section; 2 separate leads.

## "DANDEE" Ultra-Compact Tubular Dry Electrolytics - Type PRS



Space saving, yet full-rated capacity and voltage. Ideal for midgets, AC-DC and auto radios where maximum capacity and working voltage required in minimum space. Varnished paper insulating jacket over can. Dual units (Type PRS-A) have two leads plus common negative riveted center mounting strap.

Stock No.	Cap. Mfd.	Wkg. Volts	Size Ins.	Your Cost
K700	10	25	3/16 x 1 1/4	\$0.29
K701	25	25	3/16 x 1 1/4	.35
K5050	50	25	1/8 x 1 1/4	.44
K5051	100	25	1/8 x 1 1/4	.65
K702	10	50	3/16 x 1 1/4	.32
K703	25	50	3/16 x 1 1/4	.41
K5052	50	50	1/8 x 1 1/4	.50
K5053	100	50	1/8 x 1 1/4	.71
K741	4	150	3/16 x 1 1/4	.29
K742	8	150	3/16 x 1 1/4	.35
K748	12	150	1/8 x 1 1/4	.32
K749	16	150	1/8 x 1 1/4	.41
K750	24	150	1/8 x 1 1/4	.44
K751	30	150	1/8 x 1 1/4	.50
K752	40	150	1/8 x 1 1/4	.47
K718	4	250	3/16 x 1 1/4	.32
K723	8	250	1/8 x 1 1/4	.35
K724	12	250	1/8 x 1 1/4	.47
K725	16	250	1/8 x 1 1/4	.53
K726	4	350	3/16 x 2 3/8	\$0.35
K737	8	350	3/16 x 2 3/8	.41
K738	12	350	3/16 x 2 3/8	.50
K739	16	350	3/16 x 2 3/8	.59
K5054	24	350	3/16 x 2 3/8	.65
K753	4	450	1/8 x 1 1/4	.41
K754	8	450	1/8 x 1 1/4	.44
K755	12	450	1/8 x 1 1/4	.53
K756	16	450	1/8 x 1 1/4	.65
K5055	20	450	1/8 x 1 1/4	.71
K704	10-10	50	5/16 x 2 3/8	.59
K5056	10-10	25	5/16 x 2 3/8	.50
K5057	8-8	150	1/8 x 2 3/8	.59
K5058	8-16	150	3/8 x 2 3/8	.62
K5059	20-20	150	3/8 x 2 3/8	.76
K5060	8-8	200	3/8 x 2 3/8	.68
K5061	8-16	200	1/2 x 2 3/8	.68
K5062	16-16	200	3/8 x 2 3/8	.76
K5063	8-8	450	1 x 2 3/8	.76
K5064	8-16	450	1 x 2 3/8	.94

## 4-Lead Dual-Section "DANDEES" Type PRS-B

Featuring separate sections with separate leads, reduced size. Smallest midget electrolytics on the market. Same high quality.

No.	Mfd.	Volts	Size	Each
K5034	20-20	150	1x2 1/4	\$0.97
K5035	16-16	250	1x2 1/2	1.18

## Plug-In Electrolytics



**Type AEP:** Quick change dry electrolytics. Facilitate testing and replacement in equipment where continuity of service is important. Install merely by plugging into a standard octal socket. Unit can only be inserted the proper way. Ultra-compact

due to the use of etched foil for higher capacities in the small can sizes. Aluminum internal construction. Can be used to replace wet electrolytics providing surge voltage does not exceed 525 volts.

**Type AEP-450 450 V. D.C. Wkg. 525 V. Surge**

Stock No.	Cap. Mfd.	Size In.	Your Cost
K5014	10	1 1/2 x 2 1/2	\$0.88
K5015	20	1 1/2 x 2 1/2	1.23
K5016	40	1 1/2 x 2 1/2	1.18
K5017	80	1 1/2 x 2 1/2	2.00
K5018	10-10	1 1/2 x 2 1/2	1.38
K5019	20-20	1 1/2 x 2 1/2	1.94
K5020	10-10-10	1 1/2 x 2 1/2	1.88

**Type AEP-45025 (1 1/2 x 2 1/2")**

Stock No.	Cap. Mfd.	Wkg. Vlt.	Your Cost
K5013	10-10/20	450/25	\$1.88

## 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 525V. Surge - 450V. D.C. Wkg.**

No.	Mfd.	Size-Ins.	Each
K4630	8-8	2 1/2 x 4 1/2	\$1.29
K4631	5-15	2 1/2 x 4 1/2	1.65
K4632	8-8-8	3 x 4 1/2	1.91
K4633	9-9-18	3 x 4 1/2	2.65

## Cardboard Dries



With Adjustable Mounting brackets. 8" leads. Wax impregnated.

**Type P450 - 2 Leads 525V. Peak - 450V. D.C. Wkg.**

No.	Mfd.	Size-Ins.	Each
K4671	4	3/4 x 1 3/8 x 4 1/2	\$0.53
K4672	8	1 1/2 x 1 3/8 x 4 1/2	.68
K4673	16	1 1/2 x 1 3/8 x 4 1/2	1.03

**3 Leads - Corn. Neg.**

No.	Mfd.	Size-Ins.	Each
K4674	4-4	1 1/2 x 1 3/8 x 4 1/2	.85
K4675	8-8	1 1/2 x 1 3/8 x 4 1/2	1.06

## 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. DC Working**

No.	Mfd.	Dia.-Lth.	Each
K4676	2	3/4 x 2 1/2	\$0.47
K4677	4	3/4 x 2 1/2	.53
K4678	8	3/4 x 2 1/2	.68

**PR250 - 250 V. DC Working**

No.	Mfd.	Size	Each
K4682	8	1/2 x 2 1/2	.59
K4683	10	1/2 x 2 1/2	.65

**PR100 - 100 V. DC Working**

No.	Mfd.	Size	Each
K4684	5	3/4 x 2 1/2	.41
K4685	10	1x2 1/2	.50
K4688	25	1 1/2 x 2 1/2	.68

**Type PR50 - 50 V. DC Working**

No.	Mfd.	Dia.-Lth.	Each
K4689	5	3/4 x 2 1/2	\$0.35
K4690	10	3/4 x 2 1/2	.47
K4692	20	3/8 x 2 1/2	.53
K4693	25	3/8 x 2 1/2	.59
K4694	50	1 1/2 x 2 1/2	.85
K4695	5-5	3/8 x 2 1/2	.55

**Type PR25 - 25 V. DC Working**

No.	Mfd.	Size	Each
K4696	5	4/8 x 2 1/2	.35
K4697	10	3/4 x 2 1/2	.45
K4700	25	3/8 x 2 1/2	.37
K4701	50	1 1/2 x 2 1/2	.68

## "Adjustimount" 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.

**Type PBS600 - High Surge 600 Volts DC Working**

No.	Mfd.	D. W. L.	Each
K4501	4	1 1/2 x 1 1/2 x 2 1/2	\$1.23
K4502	8	1 1/2 x 1 1/2 x 3 1/4	1.73

**Type PBS450 - 525 Volts Surge 450 V. DC Working**

Stock No.	Cap. Mfd.	Size - Ins. W. L.	Your Cost
K4633	2	3/8 x 3/4 x 2 1/2	\$0.47
K4634	4	1/2 x 1 x 2 1/2	.53
K4635	8	1/2 x 1 x 2 1/2	.68
K4636	10	1/2 x 1 1/2 x 3 1/2	.82
K4637	12	1/2 x 1 1/2 x 3 1/2	.94
K4495	16	1 1/2 x 1 1/2 x 2 1/2	1.03

**Type PBS450 - 525 Volts Surge 450 V. DC Working**

No.	Mfd.	Size	Each
K4644	4-4	1 1/2 x 1 1/2 x 2 1/2	\$0.85
K4645	8-8	1 1/2 x 1 1/2 x 2 1/2	1.06
K4491	8-16	1 1/2 x 1 1/2 x 3	1.35
K4650	8-8-8	1 1/2 x 1 1/2 x 3	1.56

## Type PBS250 - 300 Volts Surge 250 V. DC Working - Singles

No.	Mfd.	D. W. L.	Each
K4639	4	1 1/2 x 3/4 x 2 1/2	\$0.47
K4640	8	3/8 x 1 1/2 x 2 1/2	.59
K4641	10	1 1/2 x 1 1/2 x 2 1/2	.65
K4642	12	1 1/2 x 1 1/2 x 2 1/2	.68
K4643	16	1 1/2 x 1 1/2 x 2 1/2	.76
K4503	20	1 1/2 x 1 1/2 x 2 1/2	.85
K4504	25	1 1/2 x 1 1/2 x 3 1/2	.88
K4505	30	1 1/2 x 1 1/2 x 3 1/2	1.00

## Type PBS250 - 300 Volts Surge 250 V. DC Working - Doubles

No.	Mfd.	Size	Each
K4646	4-4	1 1/2 x 1 1/2 x 2 1/2	\$0.65
K4647	8-8	1 1/2 x 1 1/2 x 2 1/2	.88
K4648	8-16	1 1/2 x 1 1/2 x 2 1/2	1.03
K4507	16-16	1 1/2 x 1 1/2 x 2 1/2	1.18

## Type PBS250 - 300 Volts Surge 250 V. DC Working - Triples

No.	Mfd.	Size	Each
K4649	8-8-8	1 1/2 x 1 1/2 x 2 1/2	\$1.35
K4492	8-8-16	1 1/2 x 1 1/2 x 2 1/2	1.50

## Cardboard Dry Electrolytics

Universal replacement units in cardboard containers with spade lugs for mounting and separate color coded leads. All are 1 1/2 x 4 1/2" except \* (asterisk).

No.	Mfd.	W. V.	Each
K5010	8	450	\$0.68
K5011	16	450	1.03
K5012	30	450	1.62
K4813*	8-8	450	.97
K4814*	8-16	450	1.18
K4815*	12-16	450	1.12
K4816	14-8/10-10	200/25	1.47
K4817	16-8/10-10	200/25	1.47
K4818	16-12/10-10	200/25	1.53
K5042*	16-16/8-5		

# 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; moisture proof.

No.	Mfd.	Inches	Each
K3351	2	2 1/2 x 1 1/2 x 1 1/2	31c
K3346	4	4 1/2 x 1 1/2 x 1 1/2	40c
K3348	8	4 1/2 x 1 1/2 x 1 1/2	46c
K3349	10	4 1/2 x 1 1/2 x 1 1/2	62c
K3350	12	4 1/2 x 1 1/2 x 1 1/2	70c
K3352	16	4 1/2 x 1 1/2 x 1 1/2	77c

## Multiple Units

All 525-volt surge, 450 working. 4 1/2" high. Separate sections.

No.	Mfd.	Inches	Each
K3337	4-4	1 1/2 x 1"	64c
K3339	4-8	1 1/2 x 1 1/2"	73c
K3342	8-8	1 1/2 x 1 1/2"	79c
K3366	8-8-8	2 x 1 1/2"	\$1.17

## Special Compact Filters For A.C.-D.C. Receivers

Accurately rated, full capacity compact units in heavy cardboard containers with metal mtg. tabs. Wax impregnated. All units listed are only 2 1/2" long.



525 V. Peak—450 V. Wkg.

No.	Mfd.	W. T.	Each
K3219	2	3/4 x 3/4"	35c
K3220	4	3/4 x 3/4"	40c
K3222	8	3/4 x 3/4"	46c
K3302	12	1 1/4 x 1 1/4"	70c
K3218	8-8	1 1/4 x 1 1/4"	79c
K3303	8-8-8	1 1/4 x 1 1/4"	\$1.10

## "600" V. Surge 475 V. Wkg. Units

No.	Mfd.	W. T.	Each
K3206	2	1 1/8 x 1 1/8"	51c
K3207	4	1 1/8 x 1 1/8"	59c
K3209	8	1 1/8 x 1 1/8"	71c

## Self-Mounting Dry Electrolytics

In uninsulated metal cans. Have mounting ears to be bent back under chassis. Connections to coded lug terminals. Perfectly sealed. Can be used with the insulating or metal mounting plates listed below. All are rated conservatively.

Stock No.	Cap. Mfd.	Wkg. Vlt.	Size In.	Your Cost
K3325	10	450	1x2	\$0.48
K3326	15	450	1x2	.61
K3327	20	450	1x2	.74
K3330	40	450	1x3	1.03
K3331	10-10	450	1x2	.76
K3332	20-20	450	1x3	1.06
K3333	40-40	450	1 1/2 x 3	1.69
K3334	30-20	250	1x2	.71
K3335	30-20	150	1x2	.64
K3336	30-50	150	1x3	.79
K3338	40-20	150	1x2	.71
K3340	50-50	150	1x3	.85
K3341	10-20/20	450/25	1x3	.85
K3343	30-20/20	400/25	1x3	1.11
K3344	10-10/20	350/25	1x2	.71
K3345	20-20/20	150	1x2	.76
K3353	40-20/20	150	1 1/2 x 2	.87
K3354	40-40/40	150	1x3	1.01
K3355	10-10-10/20	450/25	1 1/2 x 2	1.09
K3356	20-10-5/10	350/25	1 1/2 x 2	.95
K3357	40-20-10/20	200/25	1 1/2 x 3	1.01

Mounting Plates For Above	Material	For 1" cans	For 1 1/2" cans	For 1 3/4" cans	For 2" cans
K3358	Bakelite	3c	3c	3c	3c
K3361	Bakelite	3c	3c	3c	3c
K3362	Metal	3c	3c	3c	3c
K3363	Metal	3c	3c	3c	3c

## 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!

## Trutest "Mites" Ultra Compact Dry Electrolytic Condensers



Ultra compact units that can be used in a large percentage of radio repair requirements. Especially well suited for use in a.c.-d.c. midsets, and wherever space is limited. Self-supporting wire leads are permanently attached to the end plates. All have cardboard outer sleeves. Conservatively rated.

Stock No.	Cap. Mfd.	Wkg. Vlt.	Size In.	Your Cost	Stock No.	Cap. Mfd.	Wkg. Vlt.	Size In.	Your Cost
K757	10	25	3/4 x 1 1/4	22c	K766	4	450	1 1/2 x 1 1/2	29c
K758	25	25	3/4 x 1 1/4	27c	K767	8	450	1 1/2 x 1 1/2	32c
K3275	5	50	3/4 x 1 1/2	24c	K768	12	450	1 1/2 x 1 1/2	40c
K3276	10	50	3/4 x 1 1/2	26c	K788	16	450	3/4 x 2 1/2	48c
K759	25	50	3/4 x 1 1/2	30c	K789	20	450	3/4 x 2 1/2	53c
K3277	50	50	3/4 x 1 1/2	37c	K790*	10-10	50	1 1/2 x 2 1/2	43c
K760	4	150	1 1/2 x 1 1/2	22c	K3285*	8-8	150	1 1/2 x 2 1/2	44c
K761	8	150	1 1/2 x 1 1/2	24c	K3286*	12-20	150	1 1/2 x 2 1/2	51c
K762	12	150	1 1/2 x 1 1/2	26c	K3287*	20-20	150	1 1/2 x 2 1/2	55c
K763	16	150	1 1/2 x 1 1/2	30c	K791*	12-12	200	1 1/2 x 2 1/2	51c
K764	20	150	1 1/2 x 1 1/2	32c	K792*	8-16	200	1 1/2 x 2 1/2	51c
K3278	30	150	1 1/2 x 1 1/2	35c	K793*	16-16	200	3/4 x 2 1/2	55c
K765	40	150	1 1/2 x 1 1/2	35c	K3288*	8-16	250	3/4 x 2 1/2	58c
K3279	4	250	2 1/2 x 1 1/2	24c	K794*	8-8	450	1 1/2 x 2 1/2	53c
K3280	8	250	2 1/2 x 1 1/2	27c	K3289*	8-16	450	1 1/2 x 2 1/2	72c
K3281	12	250	2 1/2 x 1 1/2	35c	K3290†	20-20	150	1x2 1/2	73c
K3282	16	250	2 1/2 x 1 1/2	40c	K3291†	16-16	250	1x2 1/2	88c
K3283	20	250	2 1/2 x 1 1/2	44c	K3296†	8-8	450	1 1/2 x 3 1/2	73c
K3284	40	250	2 1/2 x 2 1/2	51c					

## Universal Mounting Cardboard Tube Dries

Mount in any position. Cardboard tubes are provided with metal mounting tabs that can be soldered to the chassis, mounted through holes in the chassis, or anchored with screws. All sections have separate positive and negative insulated leads; leads on dual units can be connected together to get either common negative or common positive. Sealed to be moisture-proof.

Stock No.	Cap. Mfd.	Wkg. Vlt.	Size In.	Your Cost
K3298	20	150	1 1/2 x 2 1/2	\$0.33
K3299	8	450	3/4 x 2 1/2	.33
K3304	18	450	3/4 x 2 1/2	.48
K3305	20-20	150	1 1/2 x 2 1/2	.73
K3306	8-8	250	1 1/2 x 2 1/2	.59
K3307	16-16	250	1 1/2 x 3	.88
K3308	8-8	450	1 1/2 x 3	.73
K3322	16-16	450	1 1/2 x 4 1/2	1.06

## TRUTEST "Tiny Mikes"

450 V. Wkg. 525 V. Peak



Tiny dry electrolytics in rectangular cardboard cartons with insulated wire leads. All have metal tabs for quick, easy mounting. Cartons are fully wax impregnated so as to be impervious to moisture. Conservatively rated at 450 volts d.c. wkg., 525 volts surge. Ideal for universal replacement purposes.

Stock No.	Cap. Mfd.	Size In.	Your Cost
K3258	2	3/4 x 3/4 x 2 1/2	\$0.35
K3259	4	3/4 x 3/4 x 2 1/2	.40
K3265	8	3/4 x 1 1/4 x 2 1/2	.51
K3266	10	1 1/4 x 1 1/4 x 2 1/2	.62
K3267	12	1 1/4 x 1 1/4 x 2 1/2	.70
K3268	16	1 1/4 x 1 1/4 x 2 1/2	.77
K3273*	4-4	1 1/4 x 1 1/4 x 2 1/2	.64
K3274*	8-8	1 1/4 x 1 1/4 x 2 1/2	.79

\*—4 leads; separate sections.

## 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.	Work. Volts	Your Cost	Stock No.	Cap. Mfd.	Work. Volts	Your Cost
K3179	.01	400	8c	K3185	.002	600	8c
K3180	.02	400	8c	K3186	.006	600	8c
K3181	.05	400	10c	K3187	.01	600	10c
K3182	.1	400	10c	K3188	.02	600	10c
K3183	.25	400	12c	K3189	.05	600	10c
K3174	.5	400	17c	K3190	.1	600	12c
K3172	1.0	400	24c	K3191	.25	600	17c
K3184	.001	600	8c	K3169	.5	600	24c

Deduct 10% when ordering in lots of 10 (may be assorted).



## Inverted Can Dry Electrolytics

For inverted, hole-in-chassis mounting. Standard size, round aluminum can fits hole for 3/8" 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
K3324	8	1 1/8"	4 1/2"	57c
K3328	10	1 1/8"	4 1/2"	66c
K3329	12	1 1/8"	4 1/2"	75c
K3398	8-8	1 1/8"	4 1/2"	86c

## 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 terminals. With mounting clamp.

No.	Mfd.	Diam.	Each
K3316	8-8	2 1/2"	\$0.97
K3317	5-16	2 1/2"	1.23
K3318	8-8-8	3"	1.43
K3320	9-9-18	3"	1.98
K3319	8-8-8-8	3"	1.91
K3321	8-8-18-18	3"	2.57

## Shielded Paper By-Pass

Universal mounting types. Sealed in drawn aluminum shield cans.



ALL are 600 volts peak.

Stock No.	Mfd.	Wkg. Volts	Each
K3263	1.0	200	55c
K3264	2.0	200	65c
K3269	.1	400	25c
K3270	.25	400	32c
K3271	.5	400	36c

## Midget Molded Micas

Tiny mica condensers in molded bakelite housings. Provided with pigtail wireleads. Sizes through .004 mfd. are 1000 v.

test, 500 v. d.c. wkg.; above .004 mfd. are 600 v. d.c. test, 300 v. d.c. wkg.

Stock No.	Cap. Mfd.	Your Cost	Stock No.	Cap. Mfd.	Your Cost
K3438	.0001	8c	K3402	.0006	9c
K3439	.00025	8c	K3443	.00075	9c
K3403	.00005	8c	K3416	.001	11c
K3405	.0001	8c	K3400	.0015	11c
K3440	.00015	8c	K3418	.002	14c
K3407	.0002	8c	K3404	.003	18c
K3408	.00025	8c	K3446	.004	21c
K3409	.0005	9c	K3406	.005	23c
K3441	.0004	9c	K3401	.006	28c
K3411	.0005	9c			

\*—1/4" square; others 1/2 x 1 1/2".

## High Voltage Oil Impregnated Tubulars

Non-inductive. Extremely low power factor. Ideal mica substitutes as by-pass, blocking, buffer or antenna coupling units, etc. Metal cases. Oil impregnated.

Stock No.	Cap. Mfd.	Wkg. Vlt.	Size D-L	Your Cost
K3250	.002	1500	3/4 x 1 1/2"	\$0.24
K3251	.005	1500	3/4 x 1 1/2"	.24
K3252	.01	1500	1 1/4 x 1 1/2"	.37
K3253	.02	1500	1 1/4 x 1 1/2"	.48
K3254	.05	1000	3/4 x 2 1/2"	.44
K3257	.1	1000	3/4 x 2 1/2"	.48

**"600" Line—Type TC Paper Tubulars**

Non-inductively wound. 600 v. d.c.



No.	Mfd.	Each	No.	Mfd.	Each
K2627	.0001	12c	K2636	.006	12c
K2628	.00025	12c	K2637	.01	12c
K2629	.0004	12c	K2638	.02	12c
K2630	.0005	12c	K2639	.05	15c
K2631	.001	12c	K2640	.06	18c
K2632	.002	12c	K2641	.1	18c
K2633	.003	12c	K2642	.25	26c
K2634	.004	12c	K2643	.5	35c
K2635	.005	12c	K2644	1.0	59c

**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. . . . \$4.73**

**"400" Line—Type AA**

Slightly smaller than the above. 400 volts d.c. working voltage.

No.	Mfd.	Each	No.	Mfd.	Each
K2604	.03	12c	K2610	.25	18c
K2605	.05	12c	K2611	.5	26c
K2606	.06	15c	K2612	1.0	35c
K2608	.1	15c			

**Type BP Metal-Cased Paper By-Pass Condensers**

Indrawn metal case. 1200 v. test; 600 v. surge; 400volts working.



No.	Cap.	Dimen.	Each
K2619	0.1	1 1/2 x 1 1/2 x 1 1/2	47c
K2620	0.25	2 1/4 x 1 1/2 x 1 1/2	53c
K2621	0.5	2 1/4 x 1 1/2 x 1 1/2	68c
K2622	1.0	2 x 1 1/2 x 1	88c
K2623	1-1	1 1/2 x 1 1/2 x 1 1/2	59c
K2624	25-25	2 1/2 x 1 1/2 x 1 1/2	71c
K2625	5-5	2 x 1 1/2 x 1	88c
K2626	1-1-1	2 1/2 x 1 1/2 x 1 1/2	76c

**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'mitting and P.A. work.



**400 VOLTS WORKING**

Stock No.	Cap.	Dimen.	Your Cost
K2779	1	2 1/2 x 1 1/2 x 1 1/2	53c
K2780	2	2 1/2 x 1 1/2 x 1 1/2	82c

**600 VOLTS WORKING**

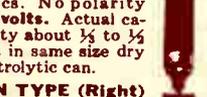
Stock No.	Cap.	Dimen.	Your Cost
K2781	1	2 1/2 x 1 1/2 x 1 1/2	65c
K2782	2	2 1/2 x 1 1/2 x 1 1/2	97c

**1000 VOLTS WORKING**

Stock No.	Cap.	Dimen.	Your Cost
K2783	1	4 1/2 x 1 1/2 x 1 1/2	\$1.06
K2784	2	4 1/2 x 2 1/2 x 1 1/2	1.76

**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.	Cap.	Repl. Mfd.	Size—Ins. L. D.	Your Cost
K2752	4	8	4 1/2 x 1 1/2	\$0.97
K2753	8	8	4 1/2 x 1 1/2	1.23
K2754	8-8	8-8	4 1/2 x 1 1/2	2.00

**CARDBOARD TYPE (Left)**

Stock No.	Repl. Mfd.	Size—Ins. L. W. T.	Your Cost
K2755	8-8	4 1/2 x 1 1/2 x 1 1/2	\$1.15
K2756	8-8	4 1/2 x 2 x 1 1/2	1.88

**SPRAGUE "ATOMS" Ultra-Compact Dry Electrolytics**

Ultra-compact capacitors sealed in tubes with outer insulating sleeve. Protected against "Blow-ups." All have 3 1/2" bare wire leads riveted to end caps.



No.	Mfd.	Wkg. V.	D.-L.	Each
K769	10	25	3/8 x 1 1/2	29c
K770	25	25	3/8 x 1 1/2	35c
K2680	5	50	3/8 x 1 1/2	29c
K2682	10	50	3/8 x 1 1/2	32c
K771	25	50	3/8 x 1 1/2	41c
K2841	50	50	3/8 x 1 1/2	50c
K772	4	150	3/8 x 1 1/2	29c
K773	8	150	3/8 x 1 1/2	32c
K774	12	150	3/8 x 1 1/2	35c
K775	16	150	3/8 x 1 1/2	41c
K776	20	150	3/8 x 1 1/2	44c
K2840	30	150	3/8 x 1 1/2	47c
K777	40	150	3/8 x 1 1/2	47c
K778	4	450	3/8 x 1 1/2	41c
K779	8	450	3/8 x 1 1/2	44c
K780	12	450	3/8 x 1 1/2	53c
K781	16	450	3/8 x 1 1/2	65c
K782	20	450	3/8 x 1 1/2	71c

No.	Mfd.	Wkg. V.	D.-L.	Each
K783	10-10†	50	5/8 x 2 1/2	59c
K3164	8-8*	150	5/8 x 2 1/2	59c
K2842	12-20*	150	5/8 x 2 1/2	68c
K3165	20-20*	150	5/8 x 2 1/2	76c
K2683	20-20†	150	1 x 2 1/2	97c
K2843	40-20†	150	1 1/2 x 2 1/2	\$1.00
K784	12-12*	200	1 1/2 x 2 1/2	68c
K785	8-16*	200	1 1/2 x 2 1/2	68c
K2844	8-16*	250	3/4 x 2 1/2	76c
K2845	8-16†	250	1 x 2 1/2	1.00
K787	16-16*	200	3/4 x 2 1/2	76c
K2846	16-16*	250	1 x 2 1/2	88c
K2684	16-16†	250	1 x 2 1/2	\$1.18
K786	8-8*	450	1 1/2 x 2 1/2	76c
K2685	8-8†	450	1 1/2 x 2 1/2	97c
K2847	8-16*	450	1 x 2 1/2	97c

(\*) 3 leads. (†) 4 leads.

**"450" Line Inverted Can Dry Electrolytics**

Type LC. Cased in metal containers. Fit standard mounting holes. Continuous working voltage, 450; maximum peak voltage, 525. Color-coded leads. Mounting nuts, long leads.



Stock No.	Cap. Mfd.	Size—Ins. D. L.	Your Cost
K3534	4	1 1/2 x 3	\$0.62
K3535	8	1 3/8 x 4 1/4	.76
K2789	12	1 3/8 x 4 1/4	1.00
K2790	16	1 3/8 x 4 1/4	1.12
K3536*	4-4	1 1/2 x 4 1/4	.94
K3537*	8-8	1 3/8 x 4 1/2	1.15

\* 4 leads—separate sections.

**"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 1/2 x 3/8 x 3/8	\$0.68
K2647	4	4 1/2 x 1 1/2 x 1/2	.82
K2649	8	4 1/2 x 1 1/2 x 1/2	.97
K2651*	4-4	4 1/2 x 1 1/2 x 1/2	1.29
K2653	4-8	4 1/2 x 1 1/2 x 1/2	1.41
K2656*	8-8	4 1/2 x 1 1/2 x 1/2	1.56

\* 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 1/2 x 1/4	\$0.53
K3528	8	4 1/2 x 1 1/2 x 1/4	.67
K2792	12	4 1/2 x 1 1/2 x 1/4	.94
K2793	16	4 1/2 x 1 1/2 x 1/4	1.03
K3529	4-4*	4 1/2 x 1 1/2 x 1/4	.85
K3530	8-8*	4 1/2 x 1 1/2 x 1/4	1.06
K2794	8-8-8†	4 1/2 x 1 1/2 x 1/4	1.56

(\* ) Has four leads. (†) 6 leads.

**Silvered Micac**

Type SM silvered mica condensers. Exceptionally stable and high "Q". Size 1 1/2 x 1 1/2. Working Voltage 700 V. Tolerance ±10%. Excellent for oscillator padders.

Stock No.	Capacity	Mfd.	Each
K2757	.0001		26c
K2758	.0002		26c
K2759	.0005		26c
K2760*	.001		44c
K2761*	.002		50c
K2762*	.003		65c
K2763*	.004		85c
K2764*	.006		94c

\* Size 1 1/2 x 1 1/2.

**Standard Micac**

Type 1FM standard postage stamp size micac with high quality ruby mica dielectric. 600V. working voltage. Size: 1 1/2 x 1 1/2. Moisture-proof molded construction.

Stock No.	Capacity	Mfd.	Each
K2769	.0001		12c
K2770	.0002		15c
K2771	.00025		15c
K2772	.0005		15c
K2773	.001		18c
K2774	.002		27c
K2775	.003		29c
K2776	.004		32c
K2777	.005		41c
K2778	.006		44c

**"PTM" Tiny Mikes 450 V. Wkg., 525 V. Peak**



Have adjustable metal feet.

No.	Mfd.	Size	Each
K3564	4	3/8 x 3/8 x 2 1/2"	\$0.53
K3565	8	3/4 x 1 1/2 x 2 1/2"	.67
K3587	16	1 1/4 x 1 1/2 x 2 1/2"	1.03
K3567*	8-8	1 1/2 x 1 1/2 x 2 1/2"	1.06

\*—Four leads; separate sections.

**"600" Line Can Type Dry Electrolytics**



Durable units for exacting P.A. amplifier and radio replacement use. 600 Volt Surge, 475 Volt Wkg. SC type has threaded screw mtg.; insulating hardware supplied. AC type for clamp mounting; clamp supplied. †—Size is 5x1 1/2".

Type AC (left)				Type SC (right)			
Stock No.	Your Cost	Cap. Mfd.	Size In.	Stock No.	Your Cost	Cap. Mfd.	Size In.
K2601	\$0.88	4	3 1/2 x 1 1/2	K2616	\$0.88	4	3 1/2 x 1 1/2
K2603	1.06	8	4 1/2 x 1 1/2	K2618	1.06	8	4 1/2 x 1 1/2
		12	4 7/8 x 1 1/2	K2767	1.47	12	4 7/8 x 1 1/2
K2657	1.65	16	4 7/8 x 1 1/2	K2768	1.65	16	4 7/8 x 1 1/2
K2607	1.70	8-8*	4 5/8 x 1 1/2	K2767†	1.70	8-8*	4 5/8 x 1 1/2

\*—Dual section unit; † 4 separate leads.

**Type "EL" Prong-Base Dry Electrolytics**



In insulated metal cans with self-mounting feature; metal ears bend back under chassis. Lug terminals are coded. All are perfectly sealed and are impervious to moisture. Insulating plates and metal plates listed below.

Stock No.	Cap. Mfd.	Wkg. V.	D.-L.	Your Cost
K2522	10	450	1x2"	\$0.53
K2523	15	450	1x2"	.71
K2524	20	450	1x2"	.79
K2525	40	450	1x3"	1.15
K2526	10-10	450	1x2"	.85
K2527	20-20	450	1x3"	1.18
K2528	40-40	450	1 1/2 x 3"	1.88
K2529	20-20	250	1x2"	.79
K2531	20-20	150	1x2"	.71
K2532	30-50	150	1x3"	.88
K2533	40-20	150	1x2"	.79
K2540	50-50	150	1x3"	.94
K2541	10-10/20	450/25	1x3"	.94
K2548	20-20/20	400/25	1x3"	1.23
K2550	10-10/20	350/25	1x2"	.79
K2552	20-20/20	150	1x2"	.85
K2556	40-20-20	150	1x2 1/2"	.97
K2593	40-40-40	150	1x3"	1.12
K2597	10-10-10/20	450/25	1 1/2 x 2"	1.21
K2599	20-10-5/10	350/25	1 1/2 x 2"	1.06
K2602	40-20-10/20	200/25	1 1	

# CORNELL DUBILIER



## "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.

450 Volts DC Working				
Stock No.	Cap. Mfd.	Size Ins.	Your Cost	
K1295	4	1 x 2 1/2	62c	
K1296	8	1 x 2 1/2	76c	
K1297	12	1 x 2 1/2	\$1.00	
K1298	16	1 x 3 1/2	1.12	
K1299	4-8	1 3/8 x 3	1.03	
K1300	8-8	1 3/8 x 3	1.15	
K1354	8-16	1 3/8 x 4 1/2	1.35	
K1302	8-8-8	1 3/8 x 4 1/2	1.65	

600 Volts D.C. Working				
Stock No.	Cap. Mfd.	Size Ins.	Your Cost	
K1050	8	1 3/8 x 4 1/2	\$1.85	
K1051	16	1 3/8 x 4 1/2	2.47	

## High Voltage Dry to Replace Wet Electrolytics



High Formation—High Voltage dry electrolytics especially designed to replace wets. Designed with mounting feet for upright mounting to replace inverted can type units. Available in three universal types. The 10 mfd. dry unit will replace wet electrolytics

from 4 to 12 mfd.; 20 mfd. replaces wets from 12 to 24 mfd.; 40 mfd. replaces wets from 24 to 40 mfd.

Stock No.	Cap. Mfd.	Size	Each
K1052	10	1 3/8 x 3 1/2	\$0.68
K1053	20	1 3/8 x 4	.97
K1056	40	1 3/8 x 4	1.18

## "UP" Dry Electrolytics



Smallest can type dry electrolytics. Hermetically sealed in aluminum cans with terminal lugs on bakelite insulating cover. Can negative. Projecting tongues for vertical mounting on chassis or bakelite mounting plate. Tongues have wire holes. Feature low leakage and power factor, dependable operation over wide temperature range.

No.	Mfd.	Vlts.	In.	Each
K1150	10	450	1x2	\$0.53
K1151	20	450	1x2	.79
K1152	40	450	1x3	1.15
K1153	20-20	150	1x2	.71
K1154	40-30	150	1x2	.79
K1149	50-50	150	1x3	.94
K1155	20-20	250	1x2	.79
K1156	10-10	450	1x2	.85
K1209	50-50/20	150/25	1x3	1.03
K1160	10-10/20	450-350/25	1x2	.85

## "DA" Metal Cased Paper By-Pass Condensers



Non-inductively wound. Wax impregnated and oil cooled. Lug terminals.

400 Volts D.C. Wkg.				
No.	Mfd.	L x W x T	Each	
K1277	1	1 1/8 x 1 x 3/4	\$0.47	
K1278	25	1 1/8 x 1 3/8 x 1	.53	
K1279	5	1 1/8 x 1 3/8 x 1	.68	
K1342	1.0	2 x 1 1/2 x 1 1/8	.88	
K1343	2.0	1 x 2 x 1 1/8	1.12	
K1344	1-1	1 1/8 x 1 3/8 x 1	.59	
K1345	25-25	2 x 1 1/2 x 1 1/8	.71	
K1346	5-5	2 x 1 1/2 x 1 1/8	.88	

600 Volts D.C. Wkg.				
No.	Mfd.	Size	Each	
K1348	5	1 1/8 x 1 3/8 x 1	.85	
K1350	1.0	1 x 2 x 1 1/8	1.06	

## "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; **Double aging** that provides more stable characteristics.

No.	Mfd.	Wkg.	Vlts.	In.	Each	No.	Mfd.	Wkg.	Vlts.	In.	Each
K1090	10	25	3/4x1 1/2	29c		K1104	40	150	3/4x2	50c	
K1091	20	25	3/4x1 1/2	32c		K1105	4	250	3/4x1 1/2	32c	
K1092	25	25	3/4x1 1/2	35c		K1106	8	250	3/4x1 1/2	35c	
K1093	50	25	3/4x1 1/2	44c		K1107	12	250	3/4x2	47c	
K1094	5	50	3/4x1 1/2	29c		K1108	16	250	3/4x1 1/2	53c	
K1095	10	50	3/4x1 1/2	32c		K1109	20	250	3/4x1 1/2	59c	
K1096	20	50	3/4x1 1/2	35c		K1110	40	250	3/4x2 1/2	68c	
K1097	25	50	3/4x1 1/2	41c		K1111	4	450	3/4x1 1/2	41c	
K1098	50	50	3/4x1 1/2	50c		K1112	8	450	3/4x2	44c	
K1099	4	150	3/4x1 1/2	29c		K1113	12	450	3/4x2	53c	
K1100	8	150	3/4x1 1/2	32c		K1114	16	450	3/4x2 1/2	65c	
K1101	12	150	3/4x1 1/2	35c		K1115	20	450	1x2 1/2	71c	
K1102	16	150	3/4x1 1/2	41c		K1055	30	450	1x3	85c	
K1103	20	150	3/4x1 1/2	44c		K1116	8	500	3/4x1 1/2	62c	
K1054	30	150	3/4x2	47c		K1117	16	500	1x2 1/2	94c	

## "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	3/4x1 1/2	44c		K1124	20-20	150	1x2 1/2	76c	
K1119	10-10	25	3/4x1 1/2	50c		K1125	8-16	250	3/4x2 1/2	79c	
K1120	5-5	50	3/4x1 1/2	53c		K1126	16-16	250	1x2 1/2	88c	
K1121	10-10	50	3/4x1 1/2	59c		K1127	8-8	450	1x2 1/2	97c	
K1122	8-8	150	3/4x2 1/2	59c		K1128	8-16	450	1 1/8 x 3 1/4	76c	
K1123	8-16	150	1 1/8 x 2 1/2	62c							

## Type BRS Dual Beavers (Common Positive)

No.	Mfd.	Wkg.	Vlts.	In.	Each	No.	Mfd.	Wkg.	Vlts.	In.	Each
K1200	4-8	150	3/4x2 1/2	68c		K1204	16-16	150	1x2 1/2	88c	
K1201	8-8	150	3/4x2 1/2	71c		K1205	20-20	150	1 1/8 x 2 1/2	97c	
K1202	4-12	150	3/4x2 1/2	71c		K1207	30-10	150	1 1/8 x 2 1/2	97c	
K1203	8-16	150	3/4x2 1/2	79c		K1208	30-20	150	1x2 1/2	\$1.00	

## "JR" Tiny Electrolytics



HAND-MADE MICRO-ELECTRONICS equipped with convenient metal mounting feet and long color-coded leads.

450 Volt D.C. Working				
No.	Mfd.	L x W x T	Each	
K1313	4	2 1/2 x 1 x 3/8	53c	
K1314	8	2 1/2 x 1 1/2 x 3/8	68c	
K1315	12	2 1/2 x 1 1/2 x 7/8	94c	
K1316	16	2 1/2 x 1 x 1 1/2	\$1.03	
K1317	4-4	2 1/2 x 1 1/2 x 7/8	85c	
K1318	8-8	2 1/2 x 1 1/2 x 1 1/2	1.06	
K1320	8-8-8	2 1/2 x 1 1/2 x 1 1/2	1.56	

## "EH" Standard Drys



"Heavy Duty" units for large receivers. 450 volts DC working. In cardboard cartons with flanges. Long coded leads.

No.	Mfd.	Size	In.	Each
K1379	4	1 1/8 x 1 3/8 x 3/4	3/4	\$0.53
K1321	8	1 1/8 x 1 3/8 x 1	1	.68
K1380	16	1 1/8 x 1 3/8 x 1 1/8	1 1/8	1.03
K1381	4-4	1 1/8 x 1 3/8 x 1 1/8	1 1/8	.85
K1322	8-8	1 1/8 x 1 3/8 x 1 1/2	1 1/2	1.06
K1382	8-8-8	1 1/8 x 2 x 2	2	1.56

## "EB" Dry Electrolytics



Standard plain foil dry electrolytics with long color-coded leads. All in 4 1/2" high aluminum cans fitted with mounting nut. Condenser sections completely wax potted and double aged. Can be mounted in any position, either above or below panel.

450 Volt D.C. Wkg.				
No.	Mfd.	Diam.	Each	
K1323	4	1 3/8"	\$0.76	
K1324	16	1 3/8"	1.12	
K1325	8-8	1 1/2"	1.15	

500 Volt D.C. Wkg.				
No.	Mfd.	Size	Each	
K1276	8	1 3/8"	\$1.21	

## "EZ" Universal Mtg. Dry Electrolytics



Popular low cost replacements. Have feet to replace in inverted can or spade lug types, or can be used beneath chassis by means of the center strap. Unused mountings can easily be cut off. Sealed in moisture-proof cardboard tubes, with 8" leads.

No.	Mfd.	Vlts.	Size	Each
K1326	16	250	1 x 2 1/2	\$0.53
K1327	8	450	7/8 x 2 1/2	.44
K1328	16	450	1 1/8 x 2 1/2	.65

## Dual Units, Common Neg.

K1215	30-30	150	1 x 2 1/2	1.03
K1216	50-50	150	1 x 3 1/2	1.18
K1198	8-8	450	1 x 3 1/2	.76

## Dual Units, Sep. Sections

K1217	16-16	250	1 3/8 x 3 3/4	1.18
K1218	16-16	350	1 3/8 x 4 3/4	1.29
K1329	8-8	450	1 3/8 x 3	.97
K1330	8-16	450	1 3/8 x 3 3/4	1.18
K1331	16-16	450	1 3/8 x 4 3/4	1.41

## Triple Units, Common Neg.

K1258	24-16, 20	150, 25	1 x 3	1.03
K1332	30-30, 20	150, 25	1 x 3	1.03
K1259	40-20, 20	150, 25	1 1/8 x 3	1.06
K1333	30-20, 10	150	1 1/8 x 2 3/4	1.06
K1260	40-20, 20	150	1 1/8 x 3	1.18
K1261	15-10, 20	350, 25	1 1/8 x 3 1/2	1.18
K1335	20-10, 25	400-350	1 3/8 x 3 1/2	1.32

## Triple Units, Sep. Sections\*

K1336	8-8, 20	250, 25	1 3/8 x 3	1.09
K1337	16-16, 20	250, 25	1 3/8 x 3 3/4	1.41
K1272	8-8, 20	350, 25	1 3/8 x 3 3/4	1.06
K1273	16-16, 20	350, 25	1 3/8 x 4 3/4	1.50
K1338	8-8, 20	450, 25	1 3/8 x 3 3/4	1.18
K1339	8-8-8	250	1 3/8 x 3	1.18
K1275	8-8-8	450	1 3/8 x 3 3/4	1.32

## Quadruple Unit, Common Neg.

K1341	30-20, 10-10	150, 25	1 3/8 x 2 3/4	1.29
-------	--------------	---------	---------------	------

\* First section separate, others common negative.

## "DT" Paper Tubulars

Halowax impregnated, multi-laminated Kraft tissue, Wax impregnated tube, wax-potted ends, oil-cooled. Conservative DC rating.



400 Volts D.C. Wkg.					
No.	Mfd.	Each	No.	Mfd.	Each
K1221	.01	12c	K1228	.06	15c
K1222	.015	12c	K1229	.1	15c
K1223	.02	12c	K1230	.2	18c
K1224	.025	12c	K1231	.25	18c
K1225	.03	12c	K1232	.5	27c
K1226	.04	12c	K1233	1.0	35c
K1227	.05	12c			

600 Volts D.C. Wkg.					
No.	Mfd.	Each	No.	Mfd.	Each
K1234	.0001	12c	K1247	.02	12c
K1235	.00025	12c	K1249	.03	15c
K1237	.001	12c	K1250	.04	15c
K1238	.002	12c	K1251	.05	15c
K1240	.004	12c	K1252	.06	18c
K1241	.005	12c	K1253	.1	18c
K1242	.006	12c	K1255	.25	27c
K1245	.01	12c	K1257	.5	35c

## 1600 Volts D.C. Oil impregnated units especially designed for auto radio use.

No.	Mfd.	Each	No.	Mfd.	Each
K1262	.005	27c	K1269	.03	27c
K1264	.007	27c	K1270	.04	29c
K1266	.01	27c	K1271	.05	32c
K1268	.02	27c			

</

# MALLORY 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. Intermetal shield. Hermetically sealed as a guarantee against moisture absorption; ideal for use under tropical conditions.

450 V. wkg.—525 V. peak

### CS—Single Sections

Stock No.	Cap. Mfd.	Size In.	Your Cost
K3862	4	3/4 x 1 1/2 x 2 1/2"	\$0.53
K3864	8	3/4 x 1 1/2 x 2 1/2"	.68
K3854	16	1 1/4 x 2 1/2"	1.03

### CM—Separate Sections

K3887	4-4	3/4 x 1 1/2 x 2 1/2"	.85
K3889	8-8	3/4 x 1 1/2 x 2 1/2"	1.06
K3890	8-8-8	1 1/4 x 1 1/2 x 3"	1.56

## Inverted Can Type Dry Electrolytics



A high quality line of compact filter condensers. All are housed in round cans, and are furnished complete with a palnut and a flat washer. All have 8" color coded insulated leads. Shpg. wt. each, 8 oz.

### Type RS—Single Sections

Stock No.	Cap. Mfd.	Wkg. Volts	Size In.	Your Cost
K4033	50	25	2 3/4 x 1	\$0.76
K3917	8	250	2 3/4 x 1	.68
K3918	12	250	2 3/4 x 1	.79
K4031	30	250	3 1/2 x 1	1.06
K4034	50	300	3 3/4 x 1 3/8	1.94
K3920	8	450	2 3/4 x 1	.76
K3921	12	450	2 3/4 x 1	1.00
K4032	16	450	3 1/2 x 1	1.12

### Type RN—Common Negative

K3923	8-8	250	3x1	\$1.03
K3925	4-8	450	3x1	1.03

### Type RM—Separate Sections

K3931	8-8-16	250	3 1/2 x 1 1/2	\$1.68
K3932	8-16-16	250	3 1/2 x 1 1/2	1.85
K3933	4-8	450	3x1 3/4	1.03
K3934	8-8	450	3x1 3/4	1.15
K3935	8-8-8	450	4x1 3/8	1.65

## MALLORY-YAXLEY Encyclopedia, 4th Ed.



only **95¢**

Here is the book that is invaluable to repairmen everywhere. Contains complete data on over 27,000 sets, and furnishes the correct answer to practically all service problems encountered in day to day work. Over 400 pages of data on i.f. peaks, volume controls, condensers, vibrators, tubes, circuits and original part numbers on vibrators, controls and condensers. Should be in every serviceman's shop. Shpg. wt. 2 lbs. **K1978—Your Cost... 95¢**

## "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 1/8" long.

Stock No.	Cap. Mfd.	Wkg. Vlt.	Diam. In.	Your Cost	Stock No.	Cap. Mfd.	Wkg. Vlt.	Diam. In.	Your Cost
K848	10	25	1 1/8	\$0.29	K989	8	250	1 1/8	\$0.35
K875	25	25	1 1/8	.35	K990	12	250	1 1/8	.47
K876	50	25	1 1/8	.44	K991	16	250	1 1/8	.53
K986	5	50	1 1/8	.29	K883	4	350	1 1/8	.35
K987	10	50	1 1/8	.32	K884	8	350	1 1/8	.41
K877	4	150	1 1/8	.29	K885	12	350	1 1/8	.50
K878	8	150	1 1/8	.32	K886	16	350	1 1/8	.59
K879	12	150	1 1/8	.35	K887	4	450	1 1/8	.41
K880	16	150	1 1/8	.44	K888	8	450	1 1/8	.44
K881	24	150	1 1/8	.41	K889	10	450	1 1/8	.50
K882	30	150	1 1/8	.47	K992	12	450	1 1/8	.53
K988	40	150	1 1/8	.47	K993	16	450	1 1/8	.65

Any Mallory item not shown here can be supplied promptly at the standard discount of 40 and 2% from the list price.

## 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.

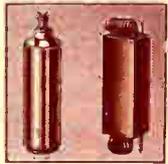


No.	Type	Cap. Mfd.	Wkg. Vlt.	Container	Size In.	Each
K3956	UR180	8-8	250-350	Carton	1 1/4 x 1 1/2 x 2 1/2"	\$0.94
K3957	UR181	3-2-1-1	450	Round Can	1 3/8 x 2 1/2"	1.50
K3958	UR182	5-25-10	150	Carton	1 3/8 x 1 3/8 x 2 1/2"	1.15
K3959	UR183	4-4-4	150	Carton	1 3/8 x 1 3/8 x 2 1/2"	.97
K4069	UR192	20-20	150	Carton	1 3/8 x 1 3/8 x 2 1/2"	1.29
K4070	UR193	5-8-16	150	Carton	1 1/2 x 1 1/2 x 2 1/2"	1.18
K4071	UR194	16-12	200	Card. Tube	1 3/8 x 3 3/8"	1.12
K4075	SR605	8-8	350	Round Can	1 3/8 x 3 3/8"	1.12
K4077	SR607	6-4-8	300-300-12	Carton	1 3/8 x 1 3/8 x 2 1/2"	1.12
K4079	SR609	8-8-25	400-400-25	Round Can	1 3/8 x 1 3/8 x 2 1/2"	1.50
K4080	SR610	8-8-25	400-400-25	Carton	1 3/8 x 1 3/8 x 2 1/2"	1.35
K4081	SR611	8-8-25	300-300-25	Carton	2 x 2 x 2 1/2"	1.32
K4091	SR617	16-16-10	150-150-25	Round Can	1 3/8 x 2 1/2"	1.38
K4086	SR619	5-5	35	Carton	3/8 x 3/4 x 1 1/2"	.53
K4092	SR621	8-16, 5-5	200-50	Tube	1 3/8 x 2 1/2"	1.53
K4085	SR646	1000	3	Tube	1 3/8 x 2 1/2"	1.23
K4087	SR647	70	50 (AC)	Tube	1 x 2 1/2"	1.06

## 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. Volts	Size, In.	Each
K4053	HD682†	8	500 (550 P.)	1 1/2 x 1 1/2 x 2 1/2"	\$1.06
K4054	HD683*	8	500 (550 P.)	1 x 3 1/2"	1.23
K4095	HD684*	8	450 (525 P.)	3 3/4 x 1 3/8"	.76
K4096	HD685*	8	450 (525 P.)	4 1/2 x 1 3/8"	.76
K4097	HD686*	8-8	450 (525 P.)	4 1/2 x 1 1/2"	1.18
K4057	HS692†	8	600 (700 P.)	1 1/2 x 1 1/2 x 3"	1.73
K4058	HS693*	8	600 (700 P.)	1 1/2 x 4 1/4"	1.85



## 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 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.



No.	Mfd.	Wkg. V.	In.	Each	No.	Mfd.	Wkg. V.	In.	Each
K3655	30	150	3x3 1/4	\$0.50	K3666	40-20-20	150-150-25	2x1	\$0.85
K3656	20	250	3x3 1/4	.50	K3667	15-15-40	250-250-25	2x1	.85
K3657	15	300	3x3 1/4	.47	K3668	10-10-20	450-450-25	2x1	.94
K3658	10	450	3x3 1/4	.53	K3669	20-20-20	150	2x1	.85
K3659	15	450	2x1	.71	K3682	40-20-20	250	2x1 1/2	1.15
K3660	20	450	2x1	.79	K3670	10-10-10	450	3x1	1.12
K3681	80	450	3x1 1/2	1.73	K3671	40, 40, 150-25	2x1 1/2	1.18	
K3661	20-20	150	2x1	.71		30-20			
K3662	30-30	150	2x1	.79	K3672	20-15, 450-350-25	3x1 1/2	1.32	
K3663	20-20	250	2x1	.79		15-20			
K3664	10-10	450	2x1	.85	K3673	16-15, 450-25	2x1 1/2	1.35	
K3665	20-20	450	3x1	1.18		10-20			
K3680	40-40	450	3x1 1/2	1.88					

### Mounting Plates For Above Condensers

For 3/4" dia. cans	K3674—Bakelite	K3677—Metal	Any Type <b>3¢</b> ea.
For 1" dia. cans	K3675—Bakelite	K3678—Metal	
For 1 1/8" dia. cans	K3676—Bakelite	K3679—Metal	

## "TP" Paper Tubulars

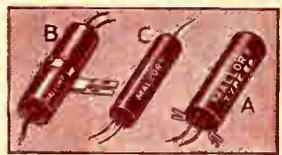


Oil treated non-inductive units, wax filled and impregnated. All triple sealed. Not affected by humid climatic conditions. All have wire leads.

No.	Mfd.	Volts	Each
K3896	.01	400	12¢
K3897	.02	400	
K3898	.05	400	
K3899	.1	400	15¢
K3818	.2	400	18¢
K3900	.25	400	
K3901	.5	400	26¢
K3819	1.0	400	35¢

K3902	.0001	600	
K3903	.00025	600	
K3904	.0005	600	
K3905	.001	600	12¢
K3906	.002	600	
K3907	.005	600	
K3908	.006	600	
K3909	.01	600	
K3910	.02	600	
K3820	.03	600	15¢
K3821	.04	600	
K3911	.06	600	
K3912	.06	600	18¢
K3913	.1	600	
K3914	.25	600	26¢
K3915	.5	600	35¢
K3823	1.0	600	59¢

## Universal Mounting Compact Dry Electrolytics



Ultra compact units ideal for use in midget 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

No.	Cap. Mfd.	Wkg. V.	Size	Each
K4115	8 Mfd.	250	3/4 x 2 1/2"	\$0.35
K4116	16 Mfd.	250	7/8 x 2 1/2"	.53
K4119	8 Mfd.	450	7/8 x 2 1/2"	.44
K4121	16 Mfd.	450	1 1/8 x 2 1/2"	.65

### Duals, Common Neg.—Fig. C

K3945	10-10 Mfd.	25	3/4 x 1 1/2"	.50
K3947	10-10 Mfd.	50	1 1/8 x 1 3/8"	.59

### Duals, Common Neg.—Fig. B

K4122	4-4 Mfd.	150	1 1/4 x 1 3/8"	.50
K4123	8-8 Mfd.	150	3/4 x 2 1/2"	.59
K4124	16-8 Mfd.	150	3/4 x 2 1/2"	.62
K4125	16-16 Mfd.	150	3/4 x 2 1/2"	.68
K4126	20-10 Mfd.	150	3/4 x 2 1/2"	.68
K4127	20-20 Mfd.	150	1 1/8 x 2 1/2"	.76

### Duals, Common Neg.—Fig. A

K4128	8-8 Mfd.	250	7/8 x 2 1/2"	.62
K4130	8-8 Mfd.	450	1 1/8 x 2 1/2"	.76

### Duals, Common Pos.—Fig. B

K4131	8-8 Mfd.	150	3/4 x 2 1/2"	.71
K4133	8-16 Mfd.	150	3/4 x 2 1/2"	.79
K4134	16-16 Mfd.	150	3/4 x 2 1/2"	.88
K4135	20-20 Mfd.	150	3/4 x 2 1/2"	.97

### Duals, Sep. Sections—Fig. A

K4136	8-8 Mfd.	250	1x1 1/2"	.79
K4138	8-16 Mfd.	450	1 1/4 x 2 1/2"	.97
K4139	8-16 Mfd.	450	1 1/4 x 3 1/2"	1.18

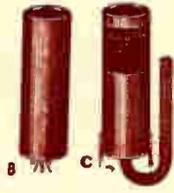
### Triple Units—Common Neg.

No.	Mfd.	Wkg. V.	Fig.	Each
K3687	16, 10-10	150-25	B	\$0.88
K3688	10, 10			

# Condensers at New Low Prices QUANTITIES LIMITED!

## General Purpose Dry Electrolytics

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. 8 oz.

### RECTANGULAR FLANGED CARTONS (TYPE A)

Stock No.	Cap. Mfd.	Wkg. Volts	Dimensions	Each
K3200	8	450	3 x 3/8 x 1/8"	19c
K3201	8-8	450-450	3 x 1 1/4 x 1 1/4"	33c
K922	4-10-10	850-25-25	2 1/2 x 1 x 1 1/4"	8c
K3202	16-8-5-5	200-200-25-25	3 x 1 1/4 x 1 1/4"	34c
K3204	16-16-8-5-5	200-200-200-25-25	3 x 1 1/4 x 1 1/4"	39c

### UPRIGHT TUBULARS LESS CLAMP (TYPE B)

K681†	8-8	250-20	3 3/8 x 1 1/8"	24c
K995†	8-8-8	25-25-25	2 5/8 x 1 1/8"	24c
K743†	4-12	250-250	4 1/2 x 1 1/2"	24c

† Metal Tube

‡ Fibre Tube

### FIBRE TUBE WITH SPADE LUGS (C)

K696	8-8	475	3 1/2 x 1 3/8"	32c
K689	14-18-10-10	175-175-35-35	3 1/2 x 1 3/8"	30c
K692	16-8-5-5	175-175-35-35	3 x 1 3/8"	30c
K694	16-16-8-5-5	175-175-175-35-35	3 1/2 x 1 3/8"	34c

## Kit of 25 Tubular By-Pass Condensers



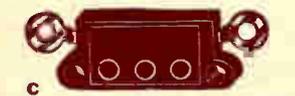
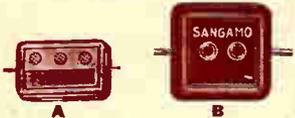
Contains 25 popular tubular by-pass condensers, are of standard capacity and working voltage. Capacities range from .002 to .1 mfd. Shpg. wt. 2 lbs. **K3360—**  
Your Cost, Kit of 25..... **79c**

## Mounting Clamps



K936—(A) For condensers from 1" to 1 1/4" dia. **2 1/2c**  
Your Cost.....  
K937—(B) For 1 1/4" to 1 1/2". **4c**  
Your Cost.....

## Mica Condensers



High quality mica dielectric units in molded cases, Types A and B have wire leads; type C has lugs. Color coded (not official R.M.A.). Buy now at these low prices. Limited quantities.  
K1035—.00015 mfd. (A)  
K1042—.00015 mfd. (B)  
K1008—.0003 mfd. (A)  
K1006—.00005 mfd. (C)  
K1036—.000075 mfd. (A)  
Any Above Type, **3c**  
Each.  
25 (any assortment) For..... **60c**

All units listed here are for sale only as radio replacement parts. We reserve the right to limit quantities when necessary.

## High Voltage Tubular Dry Electrolytics



Ideal for replacement of aluminum can units; also replace the now hard to get wets. All housed in cardboard containers, perfectly sealed, and provided with insulated leads. Mount in same hole as old units; have three 6-32 studs (with nuts) and fibre mounting washer. All 475 volts wkg., 600 volts peak.

No.	Cap. Mfd.	Each
K2371	8	\$0.48
K2372	8*	1.24
K2373	12	.66
K2374	16	.74
K2376	30	.88
K2377	40	1.12
K2379	8-8	.76

\*—600 Volts wkg., 700 v. peak.

No.	Cap. Mfd.	Each
K2380	8	\$0.44
K2381	12	.54
K2382	16	.64

## New! Plastic Cased Dry Electrolytics

They're new! Gleaming plastic replaces aluminum to bring you new beauty and even greater efficiency. Designed for inverted mounting on top of chassis; provided with palmnut for mounting. All are 100% moisture proof and will withstand extremes of heat insulated wire leads for direct connection. All are rated at 450 volts d.c. wkg.; 600 volts peak. 1 1/2 x 3 1/2". Mounting not supplied.



Stock No.	Cap. Mfd.	Your Cost Each
K2383	8	\$.59
K2384	10	.73
K2385	12	.78
K2386	16	.85
K2389	20	.94
K2390	24	.99
K2391	30	1.10
K2393	36	1.15
K2394	40	1.29
K2395	8-8	.93

## 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 3/8" diameter. Tinned leads.  
K697—50 mfd.—50 V..... **12c**  
K698—100 mfd.—50 V..... **15c**  
K699—200 mfd.—50 V..... **18c**

## 8 Mfd., 350 V. Tubular Dry Electrolytic

Tubular unit in cardboard case; has pigtail leads. 8 mfd., 350 volts working. Approximate size: 2 1/2" long, 3/4" diameter. **K666—Each..... 15c**  
10 For..... **\$1.35**

## 4-4 Mfd. 150 Volt Wkg. Tubular Electrolytic

Similar in appearance to the above unit, but 4-4 mfd., 150 volts d.c. wkg. Wire leads. **K677—Each..... 28c**  
10 For..... **\$2.50**

## Midget Metal Cased Dry Electrolytics



Very compact dry electrolytics in round cans with lug terminals. Can negative. All self-mounting; have metal tabs that can be bent back under the chassis to hold the unit firmly. A last minute purchase of a quantity of these condensers makes it possible for us to offer them at unusually low prices. Buy now and SAVE. All are 3" long by 1" diameter (mounting plates listed below).  
K2408—20-20 mfd., 400-400 volts d.c. wkg. **53c**  
Each  
K2409—20-20-20 mfd., 400-400, 25 volts d.c. wkg. **56c**  
Each  
K2410—15-10-20 mfd., 400-400-25 volts d.c. wkg. **49c**  
Each

Mtg. Plates For Above  
K3358—Bakelite } **3c** each  
K3362—Metal }

## New! 2 Mfd. 600 Volt Wkg. Plastic Case Paper Condenser



In plastic tube. Inverted type, with palmnut, for mounting on top or side of chassis. Completely moisture proof. Unit is oil cooled and molded in special oil proof wax to insure perfect sealing.  
Insulated leads. Tested at 1800 V. D.C. 1 1/2 x 3 1/2". **\$1.05**  
K2407—2 Mfd., 600 V. D.C. Your Cost Each.....

## Midget Dry Electrolytic Condensers

Diminutive electrolytics in all standard capacities and working voltages. In tubulars with long pigtail leads, or compact carton type with flanges and leads.

TUBULARS			
No.	Mfd.	Size	Each
K954	8	3/8 x 1 1/8"	18c
K955	16	1 x 2 3/8"	29c
K956	8-8	1 x 2 3/8"	29c

200 Volts Peak			
No.	Mfd.	Size	Each
K948	8	5/8 x 1 3/8"	14c
K949	16	5/8 x 1 3/8"	20c
K950	20	5/8 x 1 3/8"	22c
K978	40	1 1/2 x 1 3/8"	25c

35 Volts Peak			
No.	Mfd.	Size	Each
K951	5	1/2 x 1 3/8"	11c
K952	10	1/2 x 1 3/8"	14c
K953	25	1/2 x 1 3/8"	16c

COMPACT CARTONS			
No.	Mfd.	Size	Each
K965	4	3/4 x 2"	23c
K966	8	3/4 x 2 1/2"	25c

200 Volts Peak			
No.	Mfd.	Size	Each
K957	8	5/8 x 2 3/8"	17c
K958	12	5/8 x 2 3/8"	18c
K959	16	5/8 x 2 3/8"	20c
K960	20	5/8 x 2 3/8"	22c
K961	4-4	5/8 x 2 3/8"	18c
K962	8-8	5/8 x 2 3/8"	20c
K963	16-8	5/8 x 2 3/8"	24c
K964	16-16	5/8 x 2 3/8"	26c

15 Volts Peak			
No.	Mfd.	Size	Each
K967	5	5/8 x 2 1/2"	11c
K968	10	5/8 x 2 1/2"	14c
K969	25	5/8 x 2 1/2"	16c
K970	50	5/8 x 2 1/2"	22c
K971	5-5	5/8 x 2 1/2"	16c
K972	10-10	5/8 x 2 1/2"	19c

## Universal Tubular Dries



Will service about 90% of the small midgets on the market today. Each as supplied with mtg. bracket. All are 150 volts wkg., 200 volts peak.  
No. Mfd. Size Each  
K997 20-20 1x2 3/4" 23c  
K998 80-20 1x2 3/4" 26c  
K999 40-30 1x3 1/2" 30c

**SPECIAL OFFER:** By buying a Kit of 6 Condensers (2 each of the above), you SAVE! **\$1.49**  
K1000—Kit of 6.....

## Tubular Paper By-Pass Condensers

Standard cart-ridge condensers with pigtail leads.

400 VOLTS (WKG.)					
No.	Mfd.	Each	No.	Mfd.	Each
K3507	.01	4c	K3510	.25	8c
K3508	.05	5c	K3511	.5	12c
K3509	.1	6c	K3526	1.0	18c

600 VOLTS (WKG.)					
No.	Mfd.	Each	No.	Mfd.	Each
K3512	.001	4c	K3517	.02	5c
K3513	.002	4c	K3518	.05	6c
K3514	.005	4c	K3519	.1	6c
K3515	.006	4c	K3524	.25	8c
K3516	.01	5c	K3525	.5	15c



## "Veri-Thin" Dry Electrolytics

Ultra compact. Wax impregnated cases 3" long by approx. 3/8" thick. Tabs at each end take 6-32 screws. Can be bolted together.

No.	Mfd.	Peak V.	Each
K2686	5	35	15c
K2687	5-5	35	16c
K2688	25	50	20c
K2689	50	50	25c
K2690	4	200	16c
K2691	8	200	20c
K2692	12	200	20c
K2693	16	200	20c
K2694	20	200	25c
K2695	2	550	18c
K2696	4	550	20c
K2697	8	550	26c

# Line Noise Eliminators

## MALLORY Interference Filters

**X-3 Plug-In Capacitive** type for use between set and outlet. Rated 5 amps. at 110-220 volts. For slight interference.  $1\frac{3}{4} \times 2\frac{3}{4}$ ".  
**K12510—Each** ..... **53¢**  
**Z-2. Capacitive-inductive.** 3 amps. at 110-220 v.  $1\frac{3}{4} \times 2\frac{3}{4}$ ".  
**K12511—Each** ..... **82¢**

### W-7 Motor Type

Dual capacity unit for use on motor brushes or rings. Bracket for mtg. to frame. For moderate interference. 110-220 volts.  $\frac{7}{8} \times 1\frac{1}{2}$ ".  
**K12512—Each** ..... **53¢**  
**W-11.** Like above, for severe interference.  $1\frac{3}{4} \times 3$ ".  
**K12513—Each** ..... **88¢**

### Heavy Duty Filters

**LC-5.** Inductance-capacity filter for severe interference. Rated 110-220 V., 5 amps. Has cord and plug and receptacle.  $2\frac{1}{2} \times 3 \times 3\frac{3}{4}$ " high. Case has mtg. flanges. Shpg. wt. 8 lbs.  
**K12514—Your Cost** ..... **\$3.53**  
**LC-10.** Same as above, but rated 110-220 V., 10 amps.  
**K12515—Each** ..... **\$5.64**

### DeLuxe "Plug-In"

**Z-6.** A dual inductance-capacity filter with provision for return lead to ground. Recommended for suppressing severe interference. Rated 110-220 volts, 3 amps. Use at radio or noise source.  $1\frac{3}{4} \times 3\frac{3}{4}$ ".  
**K12516—Each** ..... **\$1.23**

### Heavy Duty Type LB Industrial Filters

For use with equipment that is permanently connected to the power line or which draws 10 amps. or more. Contain capacitors and chokes in standard type metal cut-out boxes. Installation is made by cutting the power line as close as practical to the offending device, and inserting the proper LB filter in series with the line at this point. Connections are made by splicing inside the cut-out box. For 110 or 220 volts AC or DC.  

No.	Amps.	Size	Wt.	Each
K12517	10	6x6x4"	12 lbs.	\$8.47
K12518	20	10x10x6"	18 lbs.	19.76
K12519	40	12x10x6"	25 lbs.	24.70

## AEROVOX Interference Filters

**IN-23**  
 For fractional h.p. motors. Bracket for mtg. directly to frame. Two .5 mfd. capacitors. Flexible leads.  $1 \times 2\frac{1}{4}$ ".  
**K4852—Each** ..... **53¢**

**IN-27**  
 Small capacitive type for use between set and outlet.  $1\frac{3}{4} \times 1\frac{3}{4}$ ". Keeps noise out of line and wiring. Shpg. wt. 1 lb.  
**K4801—Your Cost Each** ..... **47¢**

**IN-29**  
 Affords greater filter action than IN-27 and 28. Ideal for electric razors.  $1\frac{3}{8} \times 2\frac{3}{4}$ ". Shpg. wt. 1 lb.  
**K4803—Your Cost** ..... **53¢**

**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  $1\frac{3}{8} \times 2\frac{3}{4}$ ". Wt. 1 lb.  
**K4804—Your Cost Each** ..... **88¢**

**IN-31**  
 Plugs between attachment cord and electric outlet of either set or appliance. Provides additional inductance for better filtering.  $1\frac{3}{4} \times 2\frac{3}{4}$ ".  
**K4805—Each** ..... **\$1.06**

**Antenna Substitute ANT-32**  
 Plugs into outlet or light socket. Flexible lead connects with set antenna. Provides good aerial substitute under average wiring conditions  $1\frac{3}{4} \times 1\frac{3}{4}$ ".  
**K4806—Your Cost Each** ..... **71¢**

**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:  $4 \times 2\frac{1}{2} \times 3\frac{1}{4}$ ". With cord and plug. Wt. 3 lbs.  
**K4792—Your Cost** ..... **\$3.35**

## TACO All-Wave Filter

**De Luxe Model 100**  
 An effective capacitive-inductive filter designed for radios and appliances drawing no more than 200 watts at 120 volts AC or DC. Eliminates noises (man-made) on broadcast, short-wave and ultra-high frequency bands. Brown metal case  $4 \times 4 \times 5$ " with receptacle, cord and plug. Wt. 5 lbs.  
**K12505—Each** ..... **\$4.41**

### Standard Model 104

Eliminates noises entering through power line. Capacitive-inductive. In round metal housing  $3\frac{1}{4} \times 3\frac{1}{4}$ ". With cord and plug. For 110-250 volts AC or DC. Max. 200 watts.  
**K12506—Each** ..... **\$2.35**

### SPRAGUE IF-21 Filter

Metal cased dual condenser filter. For use across brushes of small motors, etc.  $2\frac{3}{8} \times 1$ " dia. 6" leads.  
**K12441—Each** ..... **71¢**

## LAFAYETTE DeLuxe Power Line Filter

Inductive-capacitive type that can be attached at radio or at the source of interference. Eliminates line disturbances caused by fans, razors, refrigerators, dental machines, drills, motors, household appliances, etc. Contains two high capacity condensers and two high "Q" chokes. Effective on broadcast, short-wave and high frequency bands. **Rated 3 amperes** at 115 volts a.c. or d.c. In black bakelite case with long rubber covered cord and plug. Has binding post for ground connection. Wt. 3 lbs.  
**K12509—Your Cost Each** ..... **\$1.95**

## Cornell-Dubilier "Quietones"

Each has plug end and receptacle, for connecting between noisy device and line.

For These	Use	For These	Use
Adding Machines	IF-18	Cash Registers	IF-18
Addressing Machines	IF-18	Dishwashers	IF-19
Billing Machines	IF-18	Floor Polishers	IF-18
Dental Machines	IF-19	Food Mixers	IF-19
Detating Machines	IF-19	Fans	IF-19
Drilling Machines	IF-19	Juice Extractors	IF-19
Washing Machines	IF-19	Massagers	IF-19
Air Conditioners	IF-18	Radios	IF-18
Auto Call Systems	IF-18	Refrigerators	IF-18
Barber Clippers	IF-21	Vacuum Cleaners	IF-6

**IF-21.** All-Wave capacitive-inductive filter. For 110 V., 1.6 amps. max. In Walnut bakelite case. Shpg. wt. 2 lbs.  
**K12495—Your Cost Each** ..... **\$1.76**

**IF-19.** Like above, but 5 amps. max.  
**K12494—Shpg. wt. 2 lbs. Your Cost Each** ..... **\$2.82**

**IF-18.** All-Wave capacitive-inductive filter. For 110 volts, 5 amps. max. In Walnut bakelite case. Shpg. wt. 5 lbs.  
**K12493—Your Cost Each** ..... **\$3.53**

### IF-24 Fluorescent Lamp Filter

Capacitive type, ideal for fluorescent lights. In metal case. For 110 v., a.c. or d.c.  
**K12501—Each** ..... **53¢**

### Plug-in "Filternoys"

.1 mfd. condenser in bakelite plug-in coupler. Diverts noise caused by lamps, vacuum cleaners, etc.  
**K12502—Each** ..... **35¢**

## Special Type "Quietones"

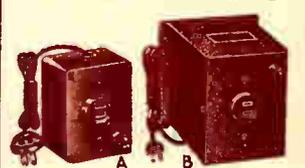
**IF-22A.** For use with Schick, Knapp Monarch, etc. shavers. Black bakelite case. Wt. 1 lb.  
**K12496—Your Cost Each** ..... **\$1.26**

**IF-22B.** Like above, but for Packard, Zephyr, Remington-Rand, Ronson, etc. shavers.  
**K12497—Your Cost Each** ..... **\$1.26**

**IF-27.** Capacitive-inductive filter for severe interference from oil burners, motors, etc. For 110 V., 5 amps. max. Steel box; flexible leads.  
**K12498—Shpg. wt. 5 lbs. Each** ..... **\$3.17**

**IF-28.** Same as above, but for equipment drawing up to 10 amps. max. Shpg. wt. 7 lbs.  
**K12499—Your Cost Each** ..... **\$5.64**

## ICA "FILTERVOLTS"



**Intermediate Model (A)**  
 Eliminates extremely noisy radio reception due to power line disturbances caused by lights, electrical appliances, etc. Can be installed at set or at source of interference. Metal case has receptacle, cord and plug and ground binding post. Capacitive-inductive type. Size:  $4\frac{1}{2} \times 3\frac{5}{8} \times 1\frac{1}{2}$ ". Shpg. wt. 2 lbs.  
**K12507—Each** ..... **\$2.35**

**All-Wave Model (B)**  
 Contains heavy duty R.F. chokes, large filter capacitors and has "PI" filter circuit arrangement. Eliminates noises caused by electric heating pads, irons, toasters, vacuum cleaners, etc. Rated 250 watts, at 32, 110 and 220 volts a.c. or d.c. For use with any all-wave or broadcast receivers. Metal case  $5 \times 4 \times 4\frac{1}{4}$ ". Has cord and plug and receptacle. Wt. 5 lbs.  
**K12508—Each** ..... **\$4.09**

### Industrial "Quietone" Model IF-7A

Capacitive-inductive type heavy duty filter for eliminating noises caused by motors, oil burners, diathermy machines, elevators, etc. In steel cut-out box  $6 \times 6 \times 4\frac{1}{4}$ ", with knock-outs for BX cable or conduit. For single phase 110-220 volts a.c. or d.c. at 5 amps. Wt. 9 lbs.  
**K12500—Each** ..... **\$5.29**

**We Will Not Knowingly Be Undersold**

# WIRE-WOUND RESISTORS

## Trutest 5 and 10 Watt Resistors Wire-Wound



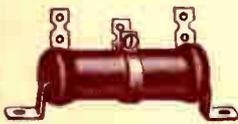
### Tolerance Within 2%

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	5000	20000
10	75	400	900	1750	3000	9000	22500
15	100	500	1000	2000	4000	10000	25000
20	150	600	1100	2250	5000	12500	30000*
25	200	750	1250	2500	6000	15000	40000*
					7000	17500	50000*

\* Available in 10-watt size only.

**K4438—TRUTEST 5-Watt Resistors**  
Your Cost Each, Any Size..... **15¢**  
**K4439—TRUTEST 10-Watt Resistors**  
Your Cost Each, Any Size..... **20¢**



## 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 $\frac{1}{2}$ " )		50 Watts (4 $\frac{1}{2}$ x $\frac{3}{8}$ " )		75 Watts (6x $\frac{3}{8}$ " )	
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	750
K20746	50	K20776	1000	K20806	1000
K20747	100	K20777	1500	K20807	1500
K20748	200	K20778	2000	K20808	2000
K20750	500	K20779	2500	K20809	2500
K20751	750	K20780	3000	K20810	3000
K20752	800	K20781	4000	K20811	4000
K20753	1000	K20782	5000	K20812	5000
K20754	1500				
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	K20818	20000
K20762	7000	K20789	15000	K20819	25000
K20763	8000	K20790	20000		
K20765	10000	K20791	25000	K20820	30000
K20795	15000	K20792	30000	K20821	40000
K20796	20000	K20793	40000	K20822	50000
K20797	25000	K20794	50000	K20823	100000

**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 $\frac{1}{2}$ x $\frac{1}{4}$ "							
No.	Ohms	No.	Ohms	No.	Ohms	No.	Ohms
K4850	5	K4866	100	K4875	750	K4886	10000
K4854	1	K4868	150	K4876	1000	K4888	15000
K4856	10	K4869	200	K4879	2000	K4889	20000
K4861	30	K4870	250	K4880	2500	K4890	25000
K4863	40	K4872	400	K4881	3000	K4893	30000
K4864	50	K4873	500	K4883	5000	K4895	50000

Your Cost Each, Any Size..... **16¢**

20-Watt Rating $\frac{1}{2}$ x $\frac{1}{2}$ "				50-Watt Rating $\frac{3}{4}$ x $\frac{1}{4}$ "			
No.	Ohms	Each		No.	Ohms	Each	
K4910	25			K4958	100		
K4911	50			K4959	250		
K4913	100			K4960	500		
K4915	200			K4963	1000		
K4919	400			K4970	5000		
K4920	500			K4976	10000		
K4923	750	5 For		K4979	15000		
K4926	1000	\$1.42		K4981	20000		
K4930	1500			K4982	25000		
K4933	2000			K4983	30000		
K4934	2250			K4985	30000		



## TRUTEST Ohm Indicator

Determines replacement value for burned out resistors. Wire-wound, cement coated. Test prods and test clips furnished. Easy to use.

Shpg. wt. 2 lbs.  
**K4997—Your Cost Each..... \$1.69**

## 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 in 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
80	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*	

### STANDARD ADJUSTABLE

Type 10AD—10 Watt.  $1\frac{1}{4}$ x $\frac{1}{4}$ "  
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

### NON-INDUCTIVE FIXED

Type 10NI—10 Watt.  $1\frac{1}{4}$ x $\frac{1}{4}$ "

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

## OHMITE Ohm's Law Calculator



One of the handiest items available. Solves any Ohm's law problem. Resistance range 0 to 10 megohms; finds volts, amperes, watts; multiples, divides, finds squares and square roots. Scales on both sides.  $4\frac{1}{2}$ x $9\frac{1}{2}$ ".  
**K19711—Your Cost Each 10¢**

## 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:

Resistance	With Center Tap	Without Center Tap
10, 20, 30, 40, 50, 60 and 100 ohms.		
<b>K3999—Specify resistance desired. 10 For 7c.</b>		
<b>Your Cost Each..... 8¢</b>		
<b>K3998—Specify resistance desired. 10 For 6c.</b>		
<b>Your Cost Each..... 7¢</b>		

## 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  $1\frac{1}{2}$ " dia.,  $\frac{1}{2}$ " behind panel; 50-Watt units  $2\frac{1}{2}$ " dia.,  $1\frac{1}{4}$ " 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	<b>\$2.35</b>
K9156	250	.315	
K9157	350	.267	
K9158	500	.222	
K9159	750	.173	
K9160	1000	.155	<b>\$2.65</b>
K9161	1500	.129	
K9162	2500	.100	
K9163	5000	.070	<b>\$2.79</b>

### 50-Watt Rheostats

No.	Ohms	Amps.	Each
K7746	6	2.88	
K7747	16	1.77	
K7748	50	1.00	
K7749	125	.630	
K7750	225	.470	<b>\$2.65</b>
K7751	300	.407	
K7752	500	.315	
K7753	1000	.223	<b>\$2.79</b>
K7754	2500	.140	
K7755	5000	.100	<b>\$2.94</b>
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, 10% 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 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		K4469	60000	K4478		

Your Cost Each... 12 For... 89c 25 For... 51.73

## Trutest INSULATED 1/2 & 1 Watt

\*Porcelain Insulated Outer Shells

\*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. Half-watt units 3/4"x3/8" dia. One-watt units 1 1/8"x3/8" dia. RMA color-coded. Approximately 300 units to 1 lb.

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
5000	K4264	K4314	750000	K4289	K4339
6000	K4265	K4315	1000000	K4290	K4340
7000	K4266	K4316	1500000	K4291	K4341
7500	K4267	K4317	1 Megohms		
8000	K4268	K4318	1	K4288	K4338
9000	K4266	K4318	1.5	K4248	K4351
10000	K4269	K4319	2	K4289	K4339
12000	K4270	K4320	2.5	K4249	K4352
15000	K4271	K4321	3	K4290	K4340
17000	K4272	K4322	4	K4291	K4341
20000	K4273	K4323	5	K4292	K4342
			6	K4293	K4343
			7	K4294	K4344
			8	K4295	K4345
			9	K4296	K4346
			10	K4297	K4347

## 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 \$2.60  
K5240—1-Watt Size }

**KIT OF 100 RESISTORS:** An assortment of 100 popular sizes. Contains (approximately): 25—1/2 watt, 25—1 watt and 50—1 watt resistors. All have R.M.A. color code. Shpg. wt. 2 lbs. **\$1.30**

### 10-Watt Adjustable Wire Wound



High quality vitreous enamel coated adjustable wire wound units. Lug terminals. 1 1/4"x3/8" O.D.; with mtg. brackets. Specify resistance. **K4445—**

Ohms	Ohms	Ohms	Ohms	Ohms	Ohms	Each
10	50	150	500	2000	5000	25c
25	100	200	1000	2500	10000	

K4446—Extra Slider for above. Each 5c

### 1/2-WATT SIZE

Your Cost Each... 45c 100 For... \$3.55

### 1-WATT SIZE

Your Cost Each... 56c 100 For... \$4.45

### Resistor Color Code Indicator



Permits instant calculation of the value in ohms of any R.M.A. color coded resistor. The circular rule can be set in a moment—readings are accurate. Full directions are printed on the indicator.

K3847—Your Cost Each **10c**

### CENTRALAB Resistor Calculator



Handy aid to the serviceman and set builder. Compact enough to be carried in the vest pocket. Tells in an instant the exact value of any R.M.A. coded resistor. Only 4 1/2" long by 2 1/4" wide. Complete instructions printed on the calculator.

K19791—Your Cost Each **10c**

**FREE:** Either calculator above supplied FREE with orders for 24 or more Trutest carbon resistors. Specify type desired.

### OHMITE Power Rheostats



Rheostats are wire, wound on a porcelain core; wound core is fused to a porcelain base by vitreous enamel which locks each turn in place and also conducts away the generated heat. Surface upon which the contact rides is flat. Contact shoe is of copper-graphite (silver-graphite on heavy duty models). All single hole mtg.; 3/8" bushings for panels up to 1/2" thick. With knob. Depth: "H", 1 1/2"; "K", 1 3/4".

No.	Ohms	Each	No.	Ohms	Each
K8362	2		K8370	175	
K8363	6		K8371	250	\$2.35
K8364	10		K8372	500	
K8365	15	\$2.35	K8373	1000	
K8366	25		K8374	1500	\$2.65
K8367	50		K8375	2500	
K8368	100		K8376	3500	\$2.79
K8369	125		K8377	5000	
K8378	10	\$4.12	K8383	500	\$4.12
K8379	25		K8384	1000	\$4.41
K8380	50		K8385	2500	\$4.70
K8381	100		K8386	5000	\$4.70
K8382	300		K8387	10,000	\$5.29

### HARDWICK-HINDLE 25-Watt Rheostats



Each element is wound on a pure mica form placed in a rectangular base which is embedded in vitreous enamel. Each has a 3/8" bushing and nut for single hole mounting; depth behind panel 1 3/8"; base diameter 1 3/8"; 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	\$1.68
K8964	25	1.00	
K8965	50	.706	
K8966	100	.500	
K8967	250	.316	\$1.96
K8968	500	.222	
K8969	1000	.158	
K8970	2500	.100	
K8971	5000	.070	

### CENTRALAB Power Rheostats

Ideal for use as motor speed controls, charging rate regulators, and many other applications. All metal frame; core insulated with treated asbestos. Wire wound. All for single hole mounting; knob supplied. Diameter 2"; bushings 3/8"x1/2" long. Depth behind panel: 25 watt units 3/4"; 50 watt units 1 1/4"; 75 watt units 1 3/4". All have tinned solder lug terminals for easy connections. Shpg. wt. 1 lb.



25-Watt Units			50-Watt Units		
Stock No.	Res. Ohms	Your Cost Each	No.	Ohms	Each
K8977	2		K8987	25	
K8978	6		K8988	60	\$1.47
K8979	15		K8989	150	
K8980	50		K8990	500	
K8981	100	\$1.18	K8991	1000	
K8982	250		K8992	2500	
K8983	500		K8993	5000	
K8984	1000		75-Watt Units		
K8985	5000		K8995	50	
			K8996	150	\$1.76
			K8997	300	
			K8998	500	
			K8999	1000	

We Will Not Knowingly Be Undersold

# 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	Megs.
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	12500	50000	250000	3.0
10	300	1250	6000	15000	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 $\frac{1}{2}$ "x $\frac{1}{2}$ " . 250 ohms up. K5206—Each <b>10c</b>	1-Watt—BT-1 1 $\frac{1}{2}$ "x $\frac{1}{2}$ " . 350 ohms up. K5207—Each <b>12c</b>	2-Watt—BT-2 1 $\frac{1}{2}$ "x $\frac{1}{2}$ " . 500 ohms up. K5263—Each <b>18c</b>
---	---	---

$\frac{1}{2}$ -Watt—F— $\frac{1}{2}$ " 1 $\frac{1}{2}$ "x $\frac{1}{2}$ " . 50 ohms to 20 megohms. K5250—Each <b>10c</b>	1-Watt—F-1 1 $\frac{1}{2}$ "x $\frac{1}{2}$ " . 100 ohms up. K5251—Each <b>12c</b>	2-Watt—F-2 1 $\frac{1}{2}$ "x $\frac{1}{2}$ " . 50 ohms to 10 megohms. K5252—Each <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— $\frac{1}{2}$ " $\frac{1}{2}$ "x $\frac{1}{2}$ " . 1 to 750 ohms. K5298—Each <b>10c</b>	1-Watt—BW-1 1 $\frac{1}{2}$ "x $\frac{1}{2}$ " . 1 to 4000 ohms. K5299—Each <b>12c</b>	2-Watt—BW-2 1 $\frac{1}{2}$ "x $\frac{1}{2}$ " . 1 to 8000 ohms. K5299—Each <b>18c</b>
---	---	---

## Wire-Wound Variables



Accuracy 5%

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 button on which the pressure never varies—no torn resistance wire, no corroded contacts. Band is threaded so that nut is not required for the bolt. Mounting brackets furnished with all but the 10-watt units.

resistance wire, no corroded contacts. Band is threaded so that nut is not 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	4000	25000
50	1000	5000	40000
100	1250	6000	50000
150	1500	7500	75000
200	2000	10000	100000

### Type ABA—10 Watts

1 $\frac{1}{2}$ "x $\frac{1}{2}$ ". Range up to 10,000 ohms. (See list above).

K5262— <b>44c</b>
Your Cost Each
K5213—Extra slider for above.
Your Cost Each <b>6c</b>

### Type DHA—25 Watts

2 $\frac{1}{2}$ "x $\frac{1}{2}$ ". Range up to 25,000 ohms. (See list above).

No.	From	To	Each
K5274	5	5,000	56c
K5275	6,000	15,000	65c
K5276	20,000	25,000	71c
K5214—Extra slider (plain) . . .			6c
K5219—Extra slider (silver) . . .			12c

### Type EPA—50 Watts

4 $\frac{1}{2}$ "x $\frac{1}{2}$ ". Available in sizes up to 100,000 ohms. See list above. Each with brackets and one slider.

No.	From	To	Each
K5286	5	5,000	\$0.88
K5287	6,000	25,000	.97
K5288	40,000	50,000	1.12
K5289	75,000	100,000	1.29

### Type ESA—80 Watts

6 $\frac{1}{2}$ "x $\frac{1}{2}$ ". Available in all sizes as listed at left (except 150, 1250 and 75,000 ohms). Each with brackets and one slider.

No.	From	To	Each
K5196	5	5,000	\$1.15
K5197	6,000	25,000	1.29
K5198	40,000	50,000	1.47
K5199	100,000		1.62

### Type HAA—100 Watts

6 $\frac{1}{2}$ "x $\frac{1}{2}$ ". 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	\$1.29
K5267	7,500	25,000	1.47
K5268	50,000		1.62
K5269	75,000	100,000	1.76

### Type HOA—200 Watts

10 $\frac{1}{2}$ "x $\frac{1}{2}$ ". In sizes marked by asterisk in list above.

No.	From	To	Each
K5270	500	10,000	\$1.94
K5271	25,000	100,000	2.26

### Extra Sliders

Both plain and silver contact types to fit resistor sizes listed.

Size	Plain Ea.	Silver Ea.
50-80W	K5215 6c	K5217 12c
100-200W	K5216 9c	K5218 15c

## WIRE-WOUND POWER RESISTORS



Accuracy 5%

Machine wound on non-hygroscopic cores; cement coating.

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*†	80000†
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,  $\frac{1}{4}$ " diam. Range up to 50,000 ohms (see list).  
K5210—Up to 10,000 ohms. **26c**  
Above 10,000 ohms. Each . . . **29c**

Type "DG" 20-Watt Rating  
60,000 ohms and over are 10 watts. 2" long,  $\frac{1}{4}$ " diam. Range up to 100,000 ohms (see list).

No.	From	To	Each
K5211	1	15,000	41c
K5212	20,000	50,000	50c
K5290	60,000	100,000	65c

Type "EP" 50-Watt (Max.)  
4 $\frac{1}{2}$ " long,  $\frac{1}{4}$ " diam. Range up to 100,000 ohms. Only in sizes marked with (#) (see list).

No.	From	To	Each
K5248	5	5,000	71c
K5249	6,000	25,000	82c
K5254	30,000	100,000	94c

Type "HA" 100-Watt (Max.)  
6 $\frac{1}{2}$ " long, 1 $\frac{1}{2}$ " diam. Range up to 100,000 ohms. Only in sizes marked with asterisk (see list).

No.	From	To	Each
K5260	100	5,000	\$0.97
K5261	7,500	25,000	1.15
K5234	50,000 ohms		1.29
K5235	75,000 ohms		1.47
K5236	100,000 ohms		1.62

Type "HO" 200-Watt (Max.)  
10 $\frac{1}{2}$ " long, 1 $\frac{1}{2}$ " diam. Range up to 100,000 ohms. Only in sizes marked with (#); see list.

No.	From	To	Each
K5237	100	10,000	\$1.62
K5238	15,000	100,000	1.94

## IRC Ultra High Range Resistors

Tolerance 10%. No surface leakage. Metallized ends, ceramic insulation 1 $\frac{1}{2}$ "x $\frac{1}{2}$ ". Max. volts 500.

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

## IRC Parasitic Suppressor

Type NAB non-inductive wire-wound resistors (in each grid of driver or amplifier tubes when paralleled) prevent parasitic oscillations. 10 watts; 50 ohms.  
K5158—**53c**  
Your Cost . . . . .

## 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 V. to ground.  
K5104—Each **73c**

## Resisto-Cabinet



Given FREE with any of the following resistor kits. Steel, four drawer (7 compartments in each) cabinets 11x5 $\frac{1}{2}$ x5 $\frac{1}{2}$ ". Blue and silver finish.  
KIT No. 1

8 Type BT- $\frac{1}{2}$  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 \$16.46. Cabinet FREE. Shpg. wt. 7 lbs. **\$9.68**  
K5281—Your Cost, Complete  
KIT No. 2: Contains 100 type BT- $\frac{1}{2}$  half watt resistors plus FREE cabinet. List value \$17.00. Shpg. wt. 7 lbs. **\$9.98**  
K5280—Your Cost, Complete  
KIT No. 3: Contains 83 BT-1 one watt resistors plus FREE cabinet. List value \$16.60. Shpg. wt. 7 lbs. **\$9.76**  
K5282—Your Cost, Complete



WW-1—2 $\frac{1}{2}$ "x $\frac{1}{2}$ " WW-2—2 $\frac{1}{2}$ "x $\frac{1}{2}$ "  
Guaranteed accuracy 1%. These resistors are non-inductively wound. Winding is specially impregnated. Type WW-1 and WW-2 have ferrules with binding post terminals. WW-4 has lug type terminals.

Stock No.	Res. Cost	Your Stock No.	Res. Cost	Your Stock No.	Res. Cost
K5125	200	K5136	30000		
K5126	300	K5138	40000		
K5124	500	K5139	50000		
K5127	1000	K5140	60000		
K5128	2500	K5141	75000		
K5129	5000	K5142	100000	1.09	
K5130	7500	K5099	150000	1.38	
K5131	10000	K5100	200000	1.38	
K5132	12500	K5101	250000	1.53	
K5133	15000	K5102	300000	1.68	
K5134	20000	K5122	400000	1.76	
K5135	25000	K5123	500000	2.00	

Stock No.	Res. Cost	Your Stock No.	Res. Cost
K5150	1	K5148	15000
K5154	5	K5171	20000
K5159	10	K5149	22500
K5160	25	K5172	25000
K5161	50	K5173	30000
K5162	100	K5176	50000
K5164	200	K5177	60000
		K5178	75000

Stock No.	Res. Cost	Your Stock No.	Res. Cost
K5200	250	K5179	100000
K5204	400	K5181	150000
K5165	500	K5182	175000
K5166	1000	K5183	200000
K5143	1500	K5184	225000
K5144	2000	K5185	250000

Stock No.	Res. Cost	Your Stock No.	Res. Cost
K5167	2500	K5190	275000
K5145	3000	K5186	300000
K5168	5000	K5187	400000
K5147	7500	K5188	500000
K5169	10000		

Stock No.	Res. Cost	Your Stock No.	Res. Cost		
K5193	750,000	2.65	K5202	1 $\frac{1}{2}$ Meg.	4.41
K5194	1 Meg.	3.09	K5115	2 Meg.	5.88

# P. R. MALLORY & CO. Inc.

# MALLORY \* IRC \* Centralab

# VOLUME CONTROLS

**NOTE:** The listing below, due to space limitations, includes only such Mallory, 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.

	MALLORY		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	\$0.29				
55, 55C, 55FC, 60 (Late)	K6604	1.47	K9230	1.47	K8658	1.76
55, 55C, 55F, 60, (Strip only)	K6657	1.47				
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	1.47
<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>						
52AC, 32DC	K6686	1.47	K9166	1.47	K8786	1.47
434, 439, 440, 441, 444, 493			K9016	.88	K8852	.88
<b>CROSLLEY</b>						
41A, 42, 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			K8882	.88
43, 761, 762, 764, 766, 767, KG	K6752	1.47	K9192	1.47	K8775	1.47
<b>GAMBLE SKOGMO</b>						
6-J			K7698	1.18	K8803	1.18
<b>GENERAL ELECTRIC</b>						
P63, F65, F66, F74, F77			K9031	1.18	K8853	.88
A64, K64, M65, A67, M68	K6545	.88	K9472	.88	K8779	.88
K66, K66M, A70, K80, K85	K6545	.88	K7736	.88	K8799	.88
T-41	K6694	1.47	K9190	1.47	K8905	1.47
F70, F75, F81, F86			K7699	.88	K8253	.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	K9216	.88	K8693	.88
D50, D51, D52, D72	K6918*	.59	K9497	1.18	K8757	1.18
M51, M52, M55, M56	K6545*	.88	K7736*	.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
5G, 6G, 8J Chassis, 580, 581, 640, 641, 680, 681			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, 151, 153, 154, 155, 156	K6711*	.59	K7780*	.59	K8797	1.18
90, 90B, 91, 92, 93	K6717	.59	K7730	.59	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>						
50			K9480	1.18	K8761	1.18
70			K7700	1.18	K8762	1.18
79, 80 (Golden Voice)			K9481	1.18	K8762	1.18
<b>PHILCO</b>						
20, 20A, 21, 41-DC, 42-DC, 220	K6683	1.47	K9421	1.47	K8973	1.47

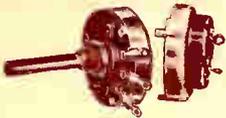
	MALLORY		IRC		CRL	
	Stock No.	Your Cost	Stock No.	Your Cost	Stock No.	Your Cost
<b>PHILCO (Contd.)</b>						
116-X (Code 122), 650, 655, 660, 665	K6586*	\$0.88	K7795*	\$0.88	K8994	\$1.18
620, 625, 630, 635	K6579*	.88	K7794*	.88	K8993	1.18
816, 817, 826, 827, 827K, 828, Part No's.: 33-5139, 33-5148, 33-5202	K6789	.88	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	K6740*	.59	K7713*	.59	K9020	1.18
14, 14 (Late), 507, 18, 49, 118	K6547*	.88	K7792*	.88	K8975	1.18
Part No's.: 33-5067, 33-5088	K6587*	.88	K9470	1.18	K8837	1.18
30, 96, 111, 111A, 112, 112A, 211, 212, 296	K6680*	.59	K9181	.88	K9019	.88
610			K7732*	.59	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						
641, 642, 645, 651	K6579*	.88	K9496	.88	K8781	.88
144, 506	K6547*	.88	K7794*	.88	K9022	1.18
86, 87, 511	K6712	.59	K7782	.59	K9015	.88
NT-7 Nash; ST-7X Studebaker, T-7, NT-8 Nash, T-8, 806			K7703	.88	K8810	.88
38, 38A (Battery) 38 (Code 121)			K7712	.59	K8829	.88
38-1, 38-2 (Code 121)			K7701	.88	K8856	.88
38-5			K7702	.88	K8856	.88
38-4, 38-7, 38-8, 38-9, 38-23 (Code 121)			K7704	.88	K8856	.88
80	K6715*	.59	K7714*	.59	K9026	1.18
<b>RCA</b>						
5T, 8-U-2, 811-K, 6-K-2, T-0-1, C-6-8, 5-T-5, 6, 7, 8, Part No's.: 72291-46, 72558-44, 13144	K6586	.88	K9455	.88	K8798	.88
9K, 9-K2, 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, 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	K7736*	.88	K8691	1.18
R-35, R-39, RE-57, Part No's.: 62895	K6773	1.47	K9189	1.47	K8904	1.47
M101, M104, M108, M109, Part No's.: 5018	K6918*	.59	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, 591, 593, 930, 931	K6699	.88	K9202	.88	K8825	.88
<b>STEWART WARNER</b>						
R-100, 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, 985569 (Pontiac), 985254 (Chev.) Above Serial #B16301			K9016	.88	K8852	.88
980534, 980635 (Buick)	K6776	1.18	K8932	1.18	K8807	1.18
<b>WELLS GARDNER</b>						
6K Series			K7705	1.18	K8803	1.18
<b>WESTINGHOUSE</b>						
WR-48, WR-48A, WR-53	K6545*	.88	K7736*	.88	K8601	1.18
<b>ZENITH</b>						
6B-107, 6B-129, 6-S-157, Chassis 5634, 5801, Part #63-522	K6586*	.88	K7795*	.88	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

**Perfect Merchandise - Prompt Shipment - Personal Service**

Latest

# VOLUME CONTROLS

## TRUTEST "TRU-TAPER" Volume Controls



Features: extra-hard composition elements; multi-wiping contacts; accurate tapers. Metal housing. Shafts 3/8" dia., 1 1/2" long. Bushing 3/8" dia. Switch coverplate fits all units listed below.

No.	Ohms	Taper
K9081	1000	Antenna Shunt
K9082	2000	Ant. & "C" Bias
K9083	5000	Antenna Shunt
K9084	10,000	Ant. & "C" Bias
K9085	25,000	Ant. & "C" Bias
K9086	50,000	Screen V.—Tone
K9087	75,000	"C" Bias
K9088	100,000	Screen V.—Tone
K9089	250,000	Audio or Tone
K9090	500,000	Audio or Tone
K9091	1 Meg.	Audio or Tone

Your Cost Each, Less Switch **28c**  
 In lots of 5, Each **26c**  
 K9069—Switch coverplate only, S.P.S.T. Each **15c**

## TRUTEST Exact Duplicate Controls



Victor For Victor models R-32, RE-45, R-52 and RE-75. Dual control. K9094—**98c** Each  
 RCA-Victor For RCA-Victor models 42, 48, R-14, R-15, R-17, Dual Control (25000-10000 ohms). K9093—**1.10** Each

Philco 20, 20A and 220 Dual, 285 & 5000 ohms. K9092—Each **98c**  
 Philco No. 33-5139 Midget 350,000 ohms. K8831—Each **59c**  
 Philco No. 33-5155 2 megohms, with switch. K8832—Your Cost **69c**  
 Philco No. 33-5105 1 megohm with switch. K8833—Your Cost **69c**

## UTAH Volume Controls

Only 1" diam.—1/4" deep. Shaft 1 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 75000 L  
 K8249 5000C K8266 100000C  
 K8251 10000C K8267 20000 U  
 K8252 10000U K8268 250000C  
 K8253 15000C K8269 500000C  
 K8254 20000C K8270 1 Meg. C  
 10 For \$2.70 **29c** Each

## CRL Split Knurl Midget Radiohms

For 1938-39-40-41 radios using split-knurl shafts where the knobs will not fit any other type of shaft. Shafts 3/8" long.  
 No. CRL Ohms No. Ohms  
 K8285 NK-139 250M  
 K8286 NK-140 500M  
 K8287 NK-141 1 Meg.  
 K8288 NK-142 2 Meg.  
 K8289 NK-148 500M  
 K8291 NK-144 1 Meg.\*  
 \*—Tapped controls. **88c** Each

## Centralab Midget and Standard Volume Controls



### Standard Radiohms

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 1/2"; Depth—3/4"; Shaft length—2 1/2"; Diameter—1/4"; Bushing diameter—1/8". Flat milled shaft. Listing below includes new CRL type numbers less switch. Order by these or by the old CRL numbers. With switch numbers are the same except for prefix letter which is "B" in place of "A"; "BT" in place of "AT" and "BF" in place of "AF". This will aid you in obtaining the exact control you need, as listed in the new CRL Guide. Tapers follow:

U—Voltage Divider (uniform) A2—Ant. Sh. & "C" Bias 2 Tubes  
 S—Antenna Shunt C—"C" Bias  
 A—Antenna Shunt & "C" Bias T—Tone Control  
 A1—Antenna Shunt & "C" Bias GT—Audio Grid or Tone Control  
 for 1 Tube P—Series in R.F. Plate

No.	CRL	Ohms	No.	CRL	Ohms	No.	CRL	Ohms
K8876	A-100	500U	K8873	AF-112	15,000A	K8880	A-123	100,000GT
K8865	A-101	1000U	K8931	AF-113	15,000A1	K8897	A-124	150,000GT
K8859	A-102	2000U	K8877	AF-114	20,000A	K8878	A-125	200,000GT
K8866	A-103	3000U	K8869	AF-115	25,000U	K8894	AF-126	200,000C
K8867	A-104	4000U	K9032	AF-116	25,000C	K8879	A-127	250,000GT
K8868	AF-105	5000U	K8860	AF-117	25,000S	K8864	A-128	500,000U
K8842	A-106	5000S	K8861	A-118	50,000U	K8841	A-129	500,000P
K8907	AF-107	7500U	K8875	A-119	50,000T	K8863	A-130	500,000GT
K8872	AF-108	10,000A	K9033	A-120	75,000T	K8908	A-131	750,000GT
K8871	AF-109	10,000A1	K8840	AF-121	75,000C	K8874	A-132	1 Meg. GT
K8843	AF-110	10,000A2	K8862	A-122	100,000U	K8890	A-133	2 Meg. GT
K8858	A-111	10,000S				K8896	A-134	3 Meg. GT

### WIRE WOUND RADIOHMS

K8959	V-104	6	K8883	V-123	200	K8887	VF-131	2000
K8961	V-108	10	K8884	V-126	400	K8765	VF-133	3000
K8681	V-116	50	K8865	V-127	500	K8804	VF-135	5000
K8682	V-121	100	K8886	VF-129	1000	K8766	VF-137	10,000

Your Cost Each Any Type Listed Above **59c**

### TAPPED RADIOHMS (For Tone Compensation) (Composition Element)

K8891	AT-135	250,000 ohms GT	List Price	\$1.50
K8881	AT-136	500,000 ohms GT	Your Each	<b>88c</b>
K8882	AT-137	1 Megohm GT		
K8909	AT-138	2 Megohms GT		

### TWIN REPLACEMENT RADIOHMS

Most popular twin controls for general replacement.

Stock No.	CRL No.	Front Ohms	Rear Ohms	List Price
K8912	C-100	10,000	25,000	<b>\$1.47</b>
K8913	C-101	10,000	50,000	
K8758	C-102	100,000	100,000	
K8768	C-103	250,000	250,000	
K8787	C-104	500,000	500,000	

### SWITCH COVERPLATES For Standard Radiohms

K8665	S.P.S.T.	29c	K8669	4 Point
K8666	S.P.D.T.		K8670	*S.P.D.T.
K8660	D.P.S.T.	<b>35c</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, 2 1/2". 2 1/2" shaft milled entire length. Separate switches easy to install. Same taper symbols as shown with standard Radiohms above. CRL type numbers given below are less switch—CRL type numbers for controls with switch have prefix "P" in place of "N".

No.	CRL	Ohms	No.	CRL	Ohms	No.	CRL	Ohms
K8187	NF106	5000U	K8281	NF112	20,000A	K8192	N102	250,000GT
K8190	NF107	10,000A	K8217	NF113	25,000U	K8273	N118	500,000U
K8188	NF108	10,000A1	K8191	NF101	25,000A	K8193	N103	500,000GT
K8189	NF108	10,000A2	K8218	N114	50,000U	K8194	N104	1 Meg. GT
K8278	NF109	10,000S	K8219	N115	50,000T	K8189	N155	2 Meg. GT
K8279	NF110	15,000A1	K8220	N116	100,000U			
K8280	NF111	15,000A2	K8272	N117	100,000GT			

Any Type Listed Above (Less Switch) Each **59c**

Tapped Midget Radiohms			Midget Switch Plates		
Stk. No.	DRL No.	Ohms Each	Stock No.	Type	Each
K8274	NT119	250,000	K8195	S.P.S.T.	29c
K8275	NT120	500,000	K8196	S.P.D.T.	
K8276	NT121	1 Meg.	K8197	D.P.S.T.	<b>35c</b>
K8277	NT122	2 Meg.	K8198	4 Point	
			K8199	*S.P.S.T.	

\*—With dummy lug.

**FREE!** With every order for 5 or more CRL controls ask for a copy of CRL Volume Control Guide. If ordered separately, K19698—EACH **10c**

## 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. 1/4" shaft extends 1 1/2". Units marked with asterisk (\*) are rheostat type; all others potentiometer tapers:  
 L—Untuned Antenna  
 S—Standard Pot. (uniform)  
 V—"C" Bias Control  
 W—Screen Grid; Phono Control  
 U—Antenna & "C" Bias (1 tube)

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	50S	K7080	7500U
K7060*	60	K7079	7500V
K7061*	75	K7078	10000S
K7068	100S	K7075	10000V
K7067	200S	K7074	10000W
K7096	300S	K7073	15000S
K7095	400S	K7072	15000U
K7094	500S	K7070	20000S

Your Cost Each, Any Above Type **57c**  
 K7068 25000S K7066 40000S  
 K7067 30000S K7065 50000S  
 Your Cost Each, Any Above Type **73c**  
 K7064 75000S Ea. **\$1.18**  
 K7063 100000S

Switch Cover For Above Switch coverplate only, fits all units K6837—S.P.S.T. Your Cost Each **29c**

## UTAH Wire-Wound Midget Controls

Rheostats and potentiometers are 1 1/2" diam. Mount in 3/8" hole and extend 1/4" in back of the panel. 1/4" diam. shafts extend 1 1/2".



No.	Ohms	No.	Ohms
K6515	6	K6520	400
K6516	10	K6521	500
K6517	15	K6522	1000
K6518	20	K6523	1500
K6519	200		

3-Watt Rheostats			
No.	Ohms	No.	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 **26c**

## CRL Phonohms

Headphone volume control in sturdy bakelite cases. With knob. "L" pad type for group in stations; pots. for single controls. Supplied less cord.

No.	Ohms	No.	Ohms
K8914	5000	K8917	
K8915	10,000	K8918	
K8916	100,000	K8919	

Pots. Each **88c** "L" Pads Each **\$1.18**

**We Will Not Knowingly Be Undersold**

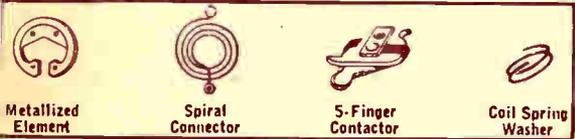
# IRC VOLUME CONTROLS IRC

## "D" Universal Controls with Tap-In Shafts



Tap-In Shafts, exclusive with IRC, permit the use of special shafts with standard controls, eliminating costly "specials". Precision tapers in shaft and socket afford solid, permanent shaft attachment. Simplified installation in crowded chassis. **Double flatted "A" shaft supplied;** its  $\frac{1}{8}$ " and  $\frac{1}{4}$ " push-on knobs and set screw knobs without filing. Special shafts listed below.

"D" controls embody other outstanding exclusive IRC features such as: Metallized Element that's harder, smoother and moisture proof; "Finger "Knee Action" Contactor; famous Spiral Connector positive engagement between contactor and its terminal—eliminates the most frequent cause of noisy controls; Steel Coil Spring Thrust Washer eliminates shaft end-play and wobble. Only  $1\frac{1}{4}$ " dia. Supplied less switch. Taper code: **A—Uniform; C—Antenna Shunt or Audio; H—Ant. and "C" Bias; F—Ant. and Bias; H—Tapped control for Tone Compensation.**



No.	Type	Ohms	No.	Type	Ohms	No.	Type	Ohms
7706	D11-103	500A	K7712*	D16-119	20000F	K7731	D11-130	250000A
7707	D11-108	1000A	K7713	D11-120	25000A	K7786	D13-130	250000C
7708	D11-110	2000A	K7727*	D14-120	25000D	K7719*	D14-130	250000D
7724	D11-112	3000A	K7714	D16-120	25000F	K7787	D13-132	350000C
7709	D11-113	4000A	K7715	D11-123	50000A	K7732	D11-133	500000A
7779	D11-114	5000A	K7784	D13-123	50000C	K7788	D13-133	500000C
7710	D13-114	5000C	K7728*	D14-123	50000D	K7720	D14-133	500000D
7725	D11-115	7500A	K7729	D13-125	75000C	K7789	D13-137	1 Meg. C
7780*	D11-116	10000A	K7730*	D14-125	75000D	K7790	D13-139	2 Meg. C
7711	D13-116	10000C	K7716	D11-128	100000A	K7733	D13-140	3 Meg. C
7781*	D14-116	10000D	K7785	D13-128	100000C	K7721	D11-141	5 Meg. A
7782*	D16-116	10000F	K7717	D11-129	200000A	K7722	D11-142	7 Meg. A
7726*	D14-118	15000D	K7718*	D14-129	200000D	K7723	D11-143	10 Meg. A
7783*	D16-118	15000F						

Units include 300 ohm bias resistor.  
Your Cost Each, Any Above Type **59¢**

### Tapped "D" Universal Controls

Stock No.	IRC No.	Ohms	Tapped At	Stock No.	IRC No.	Ohms	Tapped At
7736	D13-130X	250000*	125000	K7794	D13-137X	1 Meg. H	250000
7791	D18-130X	250000H	60000	K7844	D19-137X	1 Meg. *	500000
7792	D18-132X	350000H	75000	K7735	D18-137X	1 Meg. *	100000
7793	D13-133X	500000H	125000	K7795	D13-139X	2 Meg. H	500000
7843	D18-133X	500000*	50000	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

7799—Type "B".	For auto radio controls.	21c
7737—Type "C".	For special push-on knobs. Knurled.	15c
7726—Type "D".	For special push-on knobs. Unknurled.	15c

## "DE" Controls With Split Knurled Shaft

Identical in size and construction with type D, the DE controls have built-in split-knurled shaft.  $\frac{1}{4}$ " bushing.

No.	IRC No.	Ohms	No.	IRC No.	Ohms
K7845	DE13-130	250,000C	K7847	DE13-137	1 Meg. C
K7846	DE13-133	500,000C	K7848	DE13-139	2 Meg. C

Any Type Above, Your Cost Each **59¢**

### Tapped "DE" Controls

No.	IRC No.	Ohms	Tapped At	Each
K7849	DE13-133X	500,000H	125,000	88¢
K7850	DE13-137X	1 Meg. H	250,000	

## "W" Wire Wound Controls

Diameter  $1\frac{1}{4}$ ". Rated 2 watts. 3" shaft. Less switch, but switch covers can be added. Uniform 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
7810	W-6	6	K7818	W-50	50	K7826	W-750	750
7811	W-8	8	K7819	W-60	60	K7827	W-1000	1000
7812	W-10	10	K7820	W-75	75	K7828	W-2000	2000
7813	W-15	15	K7821	W-100	100	K7829	W-3000	3000
7814	W-20	20	K7822	W-200	200	K7830	W-4000	4000
7815	W-25	25	K7823	W-300	300	K7831	W-5000	5000
7816	W-30	30	K7824	W-400	400	K7832	W-7500	7500
7817	W-40	40	K7825	W-500	500	K7833	W-10000	10000

Your Cost Each, Any Above Type **59¢**

## "DS" Controls With Built-In Shafts



Same as "D" controls in size and construction, but have shaft built-in. "Double flatted" shaft takes  $\frac{1}{8}$ " and  $\frac{1}{4}$ " push-on knobs and set screw knobs without filing. Control diameter  $1\frac{1}{4}$ "; depth, less switch,  $\frac{3}{4}$ "; depth, with switch,  $\frac{15}{16}$ ".

Stock No.	IRC "DS" No.	Ohms	Stock No.	IRC "DS" No.	Ohms	Stock No.	IRC "DS" 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	K7809	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*	16-118	10000F	K9123	13-129	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 "DS" Controls

No.	"DS" No.	Ohms	Tapped At	No.	"DS" No.	Ohms	Tapped At
K9145	13-130X	250000C	125000	K9136	VC-539X	1 Meg. A	250000
K7809	18-130X	250000H	60000	K9130	13-137X	1 Meg. H	250000
K9146	18-132X	350000H	75000	K9147	13-139X	2 Meg. H	500000
K9128	13-133X	500000H	125000				

Your Cost Each **88¢**

### Standard "CS" Single Controls

The standard IRC "CS" Control, being only  $\frac{1}{4}$ " larger in diameter than the type "DS", has been discontinued as a stock item in favor of the more universal size "DS" control. Both types are identical in construction with the exception of size. "CS" controls are available on special order. To order, use IRC Part Number above, substituting "CS" for "DS". Prices are the same.

### Dual Type "CS" Twin Controls

Duals for replacement use. Front Section is nearest shaft.

Stock No.	IRC No.	Ohms	Ohms Front	Ohms Rear	Stock No.	IRC No.	Ohms	Ohms Front	Ohms Rear
K9138	35-1820	10000C	25000E	K9142	33-3333	500000C	500000C		
K9139	61-1823	10000F	50000A	K7851	33-3737	1 Meg. C	1 Meg. C		
K9140	33-2828	100000C	100000C	K9143	33-3939	2 Meg. C	2 Meg. C		
K9141	33-3030	250000C	250000C						

Your Cost Each, Any Type Above **\$1.47**

## 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 "D" controls, 6 switches, 5 special shafts—equip servicemen for 87% of all midget, console or auto radio replacements! Types included are recommended for replacement in over 10,850 models in IRC Manual. Factory packed in all-metal cabinet  $14\frac{1}{2} \times 7 \times 4\frac{1}{2}$ ", finished in silver, blue and yellow. Separate compartment for each control; 3 handy drawers hold switches, shafts and small parts. Contains: 2-D13-133, 2-D13-128, D18-130, D13-130X, D13-133X, D13-137, D13-137X, D13-139, D13-139X, D14-116, D16-119, and DC13-133X; 5 number 41 and 1-42 switches; one "B" shaft and two each "C" and "D" shafts. Cabinet included FREE! Shpg. wt. 7 lbs. **K7733—Your Cost Complete \$14.67**

### Switches For IRC Controls

Switches listed here may be quickly attached to controls indicated. Positive action. Underwriter's Laboratory inspected.

Single Pole, Single Throw	Double Pole, Single Throw	Single Pole, Double Throw
K7796 "D", "DE", "DS"	K7797 "D", "DE", "DS"	K7798 "D", "DE", "DS"
K7834 "W"	K7835 "W"	K7836 "W"
K9133 "CS"	K9135 "CS"	K9134 "CS"

Each **29¢** Each **35¢** Each **35¢**

FREE! With every order for 5 or more IRC Volume Controls we'll send a copy of the IRC Volume Control Manual, Free. If ordered separately, K19792—Each .10c

## "UM" and "TM" Junior Controls

Ultra-compact controls featuring noiseless composition elements; attachable switches; plug-in type shafts. Both UM and TM types have slotted shafts which will take any one of the 28 different types of special shafts listed below. The TM types are similar to the UM but are provided with a tap as shown. TM type designed for use in tone compensating circuits. All are  $\frac{1}{2}$ " thick,  $1\frac{1}{4}$ " diameter.



### "UM" TYPE JUNIOR CONTROLS

Stock No.	Type No.	Ohms & Taper	Stock No.	Type No.	Ohms & Taper	Stock No.	Type No.	Ohms & Taper
K6926	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	UM156	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) **59¢**  
Your Cost, Any Size

### "TM" Type Tapped Controls

No.	Type	Ohms	Tapped	No.	Type	Ohms	Tapped
K6953	TM220	250M	50M	K6959	TM240	1 Meg.	200M
K6954	TM221	250M	110M	K7006*	TM241	1 Meg.	200M
K7013*	TM222	250M	110M	K7007*	TM242	1 Meg.	450M
K7014*	TM223	500M	60M	K6960	TM243	1 Meg.	450M
K7015*	TM224	500M	100M	K7008	TM244	1 1/2 Meg.	200M
K6955	TM225	350M	70M	K6961	TM245	2 Meg.	5M
K7016	TM226	500M	15M	K6962	TM246	2 Meg.	15M
K7017	TM227	500M	100M	K6963	TM247	2 Meg.	60M
K6956	TM228	500M	5M	K6964	TM248	2 Meg.	250M
K6957	TM230	500M	150M	K6965	TM249	2 Meg.	600M
K6958	TM231	500M	225M	K7009	TM250	2 Meg.	125M
K7018*	TM232	500M	225M	K6966	TM251	2 Meg.	900M
K7019	TM233	500M	60M	K7010*	TM252	2 Meg.	900M
K7020	TM234	1 Meg.	65M	K7011	TM254	2 Meg.	400M
K7021	TM236	1 Meg.	125M	K6967	TM257	3 Meg.	900M
K7022	TM238	1 Meg.	300M	K7012	TM259	2 Meg.	900M
K6864*	TM239	1 Meg.	300M	*—Clutch Type Controls.			

Type TM Controls (less shaft) **73¢**  
Any Type Above, Your Cost Each

## MALLORY-YAXLEY Attachable Switches

Fit all Junior controls listed above.

- K6968—Single Pole, Single Throw. Each **29¢**
- K6969—Double Pole, Single Throw
- K6970—Single Pole, Double Throw
- K6972—Four Pole, Single Throw (Shorting Type) Each **35¢**

## COMPACT RHEOSTATS & POTENTIOMETERS

**WIRE WOUND.** Controls ideal for use where space is limited. Contact arm is grounded to the shaft. Diam.  $1\frac{1}{2}$ ",  $\frac{1}{4}$ " shaft, is  $\frac{3}{8}$ " long.

**WIRE WOUND.** Conservatively rated at 4 watts. Fully enclosed.  $1\frac{1}{2}$ " diam. mount in  $\frac{1}{4}$ " hole. Shaft  $\frac{1}{4}$ " diam.  $\frac{3}{8}$ " long. With dust cover.

RHEOSTATS				POTENTIOMETERS			
No.	Ohms	No.	Ohms	No.	Ohms	No.	Ohms
K6197	6	K6201	30	K6480	1	K6486	20
K6198	10	K6202	40	K6481	2	K6487	25
K6199	15	K6203	50	K6482	3	K6173	40
K6200	20	K6204	100	K6483	6	K6174	50
Your Cost Each, Any Type <b>44¢</b>				K6484	10	K6175	60
				K6485	15	K6176	75

POTENTIOMETERS				POTENTIOMETERS			
No.	Ohms	No.	Ohms	No.	Ohms	No.	Ohms
K6205	6	K6210	40	K6503	20	K6496	200
K6206	10	K6211	50	K6492	50	K6497	400
K6207	15	K6212	100	K6495	100	Your Cost Each <b>59¢</b>	
K6208	20	K6213	200	K6498	1000	K6499	2000
K6209	30	K6214	400	K6500	3000	K6501	5000
Your Cost Each, Any of the Above <b>59¢</b>				Your Cost Each <b>73¢</b>			
K6215	1000 ohms	Ea. <b>73¢</b>		K6502	10000	K6177	15000
K6216	3000 ohms	Ea. <b>73¢</b>		K6178	20000	K6179	25000
K6217	5000 ohms	Ea. <b>88¢</b>		Your Cost Each <b>88¢</b>			
K6218	6000 ohms	Ea. <b>88¢</b>		K6180	50000	K6181	70000
K6219	10000 ohms	Ea. <b>88¢</b>		Your Cost Each <b>\$1.18</b>			
K6220	15000 ohms	Ea. <b>88¢</b>					

### Type E—9-Watt Potentiometers

Similar to Type M, but larger.  $2\frac{1}{2}$ " diameter. Arm grounded.

No.	Ohms	Each	No.	Ohms	Each	No.	Ohms	Each
K6188	5000	<b>\$1.47</b>	K6191	25000	<b>\$1.62</b>	K6194	100000	<b>\$1.62</b>
K6189	10000		K6192	50000		K6195	125000	
K6190	20000		K6193	75000		K6196	150000	

**MALLORY-YAXLEY Encyclopedia—4th Edition**  
Newest, biggest, most valuable issue. Contains data on over 27,000 sets. Over 400 pages. Further data on this valuable book will be found on page 52. Shpg. wt. 3 lbs. **95¢**  
K19786—Your Cost, Only

## Type "MR" Junior Controls

Ultra-compact controls are similar to the types UM and TM junior 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.



No.	Type	Ohms	No.	Type	Ohms	No.	Type	Ohms
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, Any Size, Each **59¢**

### Junior Controls With Fixed Knurled Shafts

Similar to type "MR" controls above, but have 3" universal knurled shaft or replacing original units of this type.

Stock No.	Type	Ohms & Taper	Stock No.	Type	Ohms & Taper
K6637	MK400	250M(1)	K6639	MK402	1 Meg(1)
K6638	MK401	500M(1)	K6640	MK403	2 Meg(1)

Type MK Controls, Your Cost Each, Any Type **59¢**

## Special Junior Controls "SM"

These are special Junior replacement units. Check your Mallory Encyclopedia for your requirements, then order from this listing.

No.	Type	Res. Ohms	Tapped At	Each
K6775	SM300*	350,000	75,000	\$1.18
K6776	SM301*	2 Meg.	500,000	1.18
K6777	SM302*	500,000	None	1.18
K6778	SM303*	6 Meg.	None	.88
K6784	SM304*	1 Meg.	200,000	1.18
K6785	SM305*	1 Meg.	875,000	1.18
K6786	SM306*	1 Meg.	550,000	1.18
K6787	SM307	2 Meg.	250,000	.88
K6799	SM308	1 Meg.	200,000	.88

\*—Has S.P.S.T. Switch attached to control.

## Special Junior Dual Controls

Have fixed concentric shaft and switch.

No.	Type	Res. Front	Res. Rear	Tap At	Each
K6779	SMD500	2 Meg.	2 Meg.	None	\$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 500M	1.76
K6783	SMD504	250M	500M	Front 50M	1.76
K6800	SMD505	250M	1 Meg.	Rear 300M	1.76
K6801	SMD506	500M	1 Meg.	Rear 200M	1.76
K6802	SMD507	500M	350M	Rear 70M	1.76
K6803	SMD508	30M	1 Meg.	Rear 450M	1.76
K6804	SMD509	2 Meg.	500M	Front 900M	1.76
K6807	SMD510	1 Meg.	500M	Front 300M	1.76

## Explanation Of Mallory 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. (7) Wire wound element. For antenna and "C" bias.

## MALLORY-YAXLEY Plug-In Shafts

28 Types fit all UM and TM junior controls. Adapt controls for use with almost all auto and home radio receivers.

K6973	SS1.	Replaces any $\frac{1}{4}$ " round shaft or $\frac{1}{8}$ " or $\frac{1}{2}$ " flattened shaft up to 4" long. Each <b>15¢</b>	K6989	SS17.	Replaces any slotted "Insupac" shaft to 6" long. 29¢
K6974	SS2.	For RCA, UMS and any $\frac{1}{4}$ " shaft up to 4". Each <b>15¢</b>	K6992	SS18.	For Belmont, Stewart Warner, etc. Each <b>15¢</b>
K6975	SS3.	Replaces any $\frac{1}{2}$ " slotted shaft up to 2" long. <b>21¢</b>	K6993	SS19.	All 1937 and 1938 Motorola sets. Each <b>29¢</b>
K6976	SS4.	RCA (part No. 12240, 12365, etc.). Each <b>15¢</b>	K6994	SS20.	Motorola model 16C. Each <b>29¢</b>
K6977	SS5.	Philco '36, '37, '38 Household sets. Each <b>15¢</b>	K6995	SS21.	Motorola model 17D. Each <b>21¢</b>
K6978	SS6.	RCA, Hudson H6 15¢	K6996	SS22.	For Motorola and many others. Each <b>15¢</b>
K6982	SS10.	Motorola 60, 80, '36 Golden Voice. Each <b>15¢</b>	K6997	SS23.	For Bosch 139, 149, 169. Each <b>15¢</b>
K6983	SS11.	Replaces any $\frac{1}{2}$ " slotted shaft 2 to 4" long. <b>21¢</b>	K6998	SS24.	Chevrolet model 985425. Each <b>15¢</b>
K6984	SS12.	Philco, UMS and Arvin sets. Each <b>15¢</b>	K6999	SS25.	Replaces standard knurled shafts from $\frac{1}{4}$ " to 4" long. Each <b>15¢</b>
K6986	SS14.	Replaces any $\frac{1}{4}$ " slotted shaft to 2" long. <b>21¢</b>	K6800	SS26.	Zenith sets. <b>15¢</b>
K6987	SS15.	Replaces any $\frac{1}{2}$ " slotted shaft 4 to 6" long. <b>21¢</b>	K6810	SS27.	Philco sets. <b>15¢</b>
K6988	SS16.	Exact for Sentinel. Cut to length for RCA, etc. <b>15¢</b>	K6820	SS28.	Motorola sets. <b>29¢</b>
			K6821	SS29.	Motorola sets. <b>15¢</b>
			K6822	SS30.	Motorola sets. <b>15¢</b>
			K6826	SS31.	Philco sets. <b>15¢</b>
			K6827	SS32.	Philco sets. <b>15¢</b>

# and ACCESSORIES



## 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	SRP264	850
K6624	SRP139	550	K6696	SRP223	1M	K6597	SRP266	600
K6626	SRP141	1200	K6701	SRP245	32M	K6797	SRP269	10M
K6627	SRP142	2900	K6798	SRP251	250M	K6598	SRP271	150
K6629	SRP144	2M	K6767	SRP252	500M	K6599	SRP272	300
K6630	SRP145	2M	K6631	SRP253	400M	K6789	SRP282	350M
K6635	SRP152	60	K6754	SRP254	350M	K6791	SRP284	100M
K6636	SRP153	13M	K6765	SRP255	15M	K6632	SRP288	100M
K6699	SRP154	50M	K6770	SRP256	10M	K6788	SRP289	50M
K6697	SRP160	3200	K6771	SRP257	3M	K6651	SRP900	20M
K6690	SRP170	75M	K6774	SRP258	15M	K6652	SRP901	10M
K6641	SRP179	125M	K6796	SRP260	1M	K6653	SRP960	800
K6693	SRP185	1500	K6584	SRP261	100M	K6654	SRP961	10M
K6792	SRP188	32M	K6768	SRP262	1500	K6655	SRP962	250M

Any Above Type, Your Cost Each **88c**  
 K6656 SRP239 W. W. Vol. Strip 450 ohms  
 K6657 SRP241 W. W. Vol. Strip 6000 ohms Your Cost Each **29c**  
 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	250M
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	K6603	DRP317	500M	1M
K6763	DRP244	25M	6M	K6618	DRP318	250M	3 Meg.

\* Tapped at 160 M ohms.  
 Any Type Above, Your Cost Each **\$1.47**

## Standard Universal Tapped Controls

Standard 1 1/2" diameter controls with tap for various applications. Furnished with two nuts, washer, ground terminal and knob adapter.

Stock No.	Mfrs. No.	Res. Ohms	Tapped At Ohms	Stock No.	Mfrs. No.	Res. Ohms	Tapped At Ohms
K6543	TRP601	40000	8000	K6588	TRP615	3 Meg.	900000
K6544	TRP602	60000	4000	K6589	TRP616	500000	60000
K6545	TRP603	250000	110000	K6590	TRP617	60000	12000
K6546	TRP604	350000	20000	K6591	TRP618	2 Meg.	250000
K6547	TRP605	350000	70000	K6592	TRP619	500000	100000
K6577	TRP608	500000	100000				250000
K6578	TRP607	500000	225000	K6593	TRP620	2 Meg.	900000
K6579	TRP608	1 Meg.	200000	K6594*	TRP621	2 1/4 Meg.	250000
K6580	TRP609	1 Meg.	500000				500000
K6581	TRP610	1 Meg.	30000	K6595	TRP622	44000	7000
K6583	TRP612	2 Meg.	15000				14000
K6586	TRP613	2 Meg.	400000	K6596	TRP623	250000	50000
K6587	TRP614	350000	70000	K6576	TRP624	2 1/4 Meg.	250000

\* No provision for use with switch.  
 Your Cost Each, Any of the Above **88c**

## Standard 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	Res. in Ohms		Taper	
			Front	Rear	Front	Rear
K6684	CE	WW	2000	5000	I	I
K6658	GE	WW	10000	5000	VII	IV
K6685	GG	WW	10000	10000	VII	IV
K6686	GK	Car.	10000	50000	I	IV
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.  
 Your Cost Each, **\$1.47**

## UNIVERSAL VOLUME CONTROLS



The Mallory-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. Mallory-Yaxley Controls feature: minimum bias adjustment on all bias controls; 3" shafts that can be shortened by notching and breaking off; complete shielding; all furnished with knob adapter, and mounting hardware. Approved switch (listed below) can be added to any control.

## UNIVERSAL REPLACEMENT CONTROLS

All with two mounting nuts, washer, ground terminal and knob adapter. Wire wound units have adjustable bias feature (exclusive Mallory-Yaxley); carbon element units with adjustable bias resistor where required.

No.	Part	Type	Ohms	Taper	No.	Part	Type	Ohms	Taper
K6660	Q	WW	2	4	K6675	H*	WW	15000	2
K6661	R	WW	6	4	K6713	H12*	WW	15000	7
K6662	S	WW	10	4	K6714	H12*	Car.	15000	1
K6663	T	WW	30	4	K6741	A20MP*	WW	20000	4
K6664	U	WW	30	4	K6715	Y*	Car.	20000	1
K6665	V	WW	60	4	K6742	Y25MP	Car.	25000	4
K6666	W	WW	100	4	K6676	J*	Car.	25000	1
K6667	X	WW	200	4	K6743	Y30MP	Car.	50000	4
K6732	A400P	WW	400	4	K6677	K*	Car.	50000	2
K6668	A	WW	500	1	K6716	K12	Car.	50000	1
K6733	A550P	WW	550	4	K6717	Z*	Car.	75000	2
K6734	A1MP	WW	1000	4	K6718	Z12	Car.	75000	1
K6669	B	WW	1000	1	K6744	Y100MP	Car.	100000	4
K6719	UC500	WW	1000	2	K6678	LC	Car.	100000	1
K6735	A2MP*	WW	2000	4	K6729	UC510*	Car.	100000	2
K6670	C*	WW	2000	2	K6721	UC502	Car.	150000	1
K6704	C12*	WW	2000	1	K6745	Y200MP	Car.	200000	4
K6736	A3MP*	WW	3000	4	K6746	Y250MP	Car.	250000	4
K6671	D*	WW	3000	2	K6679	M	Car.	250000	1
K6705	D7*	WW	3000	2	K6730	UC511†	Car.	250000	1
K6706	D12*	WW	3000	1	K6728	UC509P	Car.	250000	2
K6737	A5MP*	WW	5000	4	K6747	Y300MP	Car.	500000	4
K6738	Y5MP	Car.	5000	4	K6680	N	Car.	500000	1
K6672	E*	WW	5000	2	K6731	UC512†	Car.	500000	1
K6707	E7*	WW	5000	7	K6793	UC513	Car.	500000	2
K6708	E12*	Car.	5000	1	K6722	UC503	Car.	750000	1
K6673	F*	WW	7500	2	K6748	Y100MP	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	K6723	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

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.

Your Cost Each, Any of the above Controls **59c**

## Control Switches



Stock No.	Part No.	Type	Each
K6288	6-9	S.P.S.T.	29c
K12853	8	S.P.D.T.	
K6289	7	D.P.S.T.	
K6290	13	3-P.S.T.	<b>35c</b>
K6291	14	4-P.S.T.	

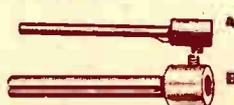
## Mounting Brackets



For use where control mounts off chassis. Plated metal. Adjustable mounting centers.

K6297—Type RB-248—Mounting centers 1 1/2" to 2 3/4".  
 K6298—Type RB-249—Mounting centers 2 3/4" to 2 3/4".  
 Your Cost Each, **12c**  
 Either Type

## Extension Shafts



Type A—Length 4".  
 K6561—1/4" diam., 1/4" flat.  
 K6562—1/4" diam., 3/8" flat.  
 K6563—3/8" diam., 1/4" flat.  
 Any Size, Your Cost Each **18c**  
 Type B—2" long, 1/4" diameter with 3/8" slot. Enclosed in tight fitting tube.  
 K6559—Your Cost **21c**

## Control Hex Nuts

For 3/8" bushings.  
 No. For Panels Each  
 K6384 1/4" 9c  
 K6386 1/2" 12c  
 K6385 3/4" 15c

## Volume Control Wrench



For standard volume control nuts.  
 K6387—No. 178  
 Your Cost Each **12c**

# MALLORY RADIO PRODUCTS YAXLEY

P.R. MALLORY & CO., Inc. APPROVED BY THE U.S. GOVERNMENT

## YAXLEY Midget Jacks

Extremely compact. Mount in  $\frac{3}{8}$ " hole. Type A-1 "Infant" jack is not illustrated.



No.	Part	Type	Each
K6182	A-1	Open Circuit	18c
K6183	A-2	Circuit Closing	26c
K6184	A-2A	Two Circuit	29c
K6185	A-3A	Cir. Reversing	44c

## YAXLEY Junior Jacks



Compact, extend only  $1\frac{1}{2}$ " behind the panel. Heavily plated springs.

No. 701—Open Circuit. **29c**  
 K6450—Your Cost  
 K6451—No. 702. Circuit closing.  
 K6449—No. 702A. Two circuit.  
 K6435—No. 702B. Three circuit microphone. **41c**  
 Your Cost, Any Type

K6452—No. 703. Single circuit filament control.  
 K6459—No. 703A. Circuit reversing.  
 K6466—No. 703B. 3-circuit Mike, one circuit closing. **47c**  
 Your Cost, Any Type  
 K6453—No. 704. Interstage.  
 K6478—No. 704A. 2-circuit filament control. **53c**  
 Your Cost, Any Type  
 K6479—No. 705. 2-circuit filament lighting. **62c**  
 K6448—No. 706. Interstage filament control. **68c**  
 Your Cost

## Long Frame Jacks



Extend  $3\frac{1}{2}$ " behind panel. Pure silver contacts. Bakelite separators.

No. 1. Open Circuit. **35c**  
 K6400—Your Cost  
 K6401—No. 2. Circuit Closing.  
 K6402—No. 2A. Two Circuit.  
 Either Type **44c**  
 Your Cost Each

## YAXLEY Junior Jack Switches



Furnished with black knob; on-off plate. Mounts in  $\frac{3}{8}$ " hole.

Panels up to  $\frac{1}{4}$ " thick.  $1\frac{1}{2}$ " deep.

### Two Position Switches

No.	Part	Type	Each
K6470	720	S.P.S.T.	\$0.50
K6471	730	S.P.D.T.	.62
K6472	740	D.P.S.T.	.68
K6473	745	5-Spring	.79
K6474	760	D.P.D.T.	.88
K6475	733	3-P.S.T.	.88
K6469	744	4-P.S.T.	1.15

### Three Position Switches (Center Position Off)

No.	Part	Type	Each
K6440	732	S.P.D.T.	.62
K6441	762	D.P.D.T.	.85
K6442	763	3-P.D.T.	1.12
K6443	764	4-P.D.T.	1.38

## YAXLEY Push Button Switches



Non-locking Types. Furnished with black Bakelite knob. Mounts in  $\frac{7}{16}$ " hole, panels up to  $\frac{1}{4}$ ".

K6460—No. 2001. Make Contact. **65c**  
 K6461—No. 2002. Break Contact. **65c**  
 Your Cost, Either Type  
 K6462—No. 2003. S.P.D.T. **71c**  
 Your Cost Each  
 K6457—No. 2004. 2-pole, 2-contact. **85c**  
 Your Cost

## 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	1 to 6 points	\$0.71
K6248	K6264	1	1 to 11 points	.82
K6249	K6265	2	1 to 5 points each	.88
K6250	K6266	3	1 to 3 points each	.97
K6251	K6267	4	1 to 2 points each	1.03

### TWO GANG SWITCHES

K6252	K6268	2	1 to 6 points each	1.15
K6253	K6269	2	1 to 11 points each	1.23
K6254	K6270	4	1 to 5 points each	1.41
K6255	K6271	6	1 to 3 points each	1.50
K6256	K6272	8	1 to 2 points each	1.59

### THREE GANG SWITCHES

K6257	K6273	3	1 to 6 points each	1.56
K6258	K6274	3	1 to 11 points each	1.68
K6259	K6275	6	1 to 5 points each	1.76

### FOUR GANG SWITCHES

K6260	K6276	4	1 to 6 points each	1.94
K6261	K6277	4	1 to 11 points each	2.12
K6262	K6278	8	1 to 5 points each	2.47

### SIX GANG SWITCHES

K6281	K6283	6	1 to 11 points each	3.12
K6286	K6287	12	1 to 6 points each	3.97



## YAXLEY Ceramic Switches

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.

No.	Gangs	Circuits	Each
K6642	1	1	\$1.21
K6643	2	2	1.91
K6644	3	3	2.76
K6645	4	4	3.47
K6646	5	5	4.32

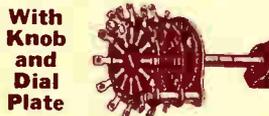
K6647—Special dial plate for above. Numbered from 1 to 4. **12c**  
 Your Cost Each

## 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. **\$3.17**  
 K6370  
 Your Cost

## 24 Point Tap Switch



Special single-circuit 24-point non-shorting switch.  $3/9$ " bushing, 2" grooved shaft. Complete with dial plate and bar-type knob. **\$1.88**  
 K6371  
 Your Cost

## BIAS CELLS

1 and  $1\frac{1}{2}$  volt types. For biasing high-gain amplifiers. **21c**  
 K6419—1 volt.  
 K6424— $1\frac{1}{2}$  volt.  
 Your Cost Each

Holders Only for Above

K6420—For 1 Cell	9c
K6421—For 2 Cells	15c
K6422—For 3 Cells	18c
K6423—For 4 Cells	24c

## "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.  $\frac{1}{8}$ " 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	$1\frac{1}{2}$ "	\$0.53
K6879	K6889	One	12	$1\frac{1}{2}$ "	.53
K6990	K6890	Two	2	$1\frac{1}{2}$ "	.53
K6991	K6891	Two	3	$1\frac{1}{2}$ "	.53
K6880	K6892	Two	6	$1\frac{1}{2}$ "	.53
K6881	K6893	Three	4	$1\frac{1}{2}$ "	.65
K6882	K6894	Four	2	$1\frac{1}{2}$ "	.65
K6883	K6895	Four	3	$1\frac{1}{2}$ "	.65
K6884*	K6896*	One	17	$1\frac{1}{2}$ "	.97
K6885*	K6897*	Two	9	$1\frac{1}{2}$ "	.97
K6886*	K6898*	Three	6	$1\frac{1}{2}$ "	1.06
K6887*	K6899*	Six	3	$1\frac{1}{2}$ "	1.06

## 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 **12c**  
 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	\$2.82
K6616	6	2196	3.53
K6617	8	2198	4.23

## YAXLEY Plugs and Jacks



No. 75. Two way. Bakelite shell. Tie cord anchor. **35c**  
 K6295—Each  
 No. 75N. As above, but nickel shell. Tie cord anchor. **53c**  
 K6293—Each  
 No. 75A. As above, with built-in cable clamp. **88c**  
 K6346—Each  
 No. 100. 2-Way Extension jack. Fibre shell. **71c**  
 K6348—Each  
 No. 100N. As above, but with nickel shell. **88c**  
 K6342—Each  
 No. 100A. As above, with nickel shell, cable clamp. **\$1.23**  
 K6349—Each

## Microphone Plugs & Jacks

No. 76. 3-way mike plug. Bakelite shell. **53c**  
 K6296—Each  
 No. 76A. As above, but with nickel shell. **\$1.06**  
 K6347—Each  
 No. 101. 3-way Mike Jack for above plugs. Fibre shell. **\$1.06**  
 K6343—Each

## Signal Corps Type Jacks

Phone Jack: Like Sig. Corps type JK-34A. **59c**  
 Open circuit. Takes Mallory 75; W. E. 47A, 47B; Sig. Corps No. PL-47, PL-48, PL-55, PL-148, PL-155.  
 K6300—Each  
 Mike Jack: Three circuit. Like Sig. Corps No. JK-33A. Takes W. E. 109; Sig. Corps No. PL-46, PL-68, PL-168. **82c**  
 K6301—Each  
 Mike Jack: Three circuit. Takes Mallory 76; W. E. 110, 148; Sig. Corps No. PL-5, PL-51. **82c**  
 K6302—Each

# TRANSCIVERS, KITS and HEARING AIDS

## MEISSNER Student's "Midget" Kits Battery and AC-DC Models



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—1½ volt A and 1—45 volt B battery. Less tube and battery. **Your Cost... \$3.23**
- K10416—2 Tube Kit.** Uses 1—1C5G, 1—1E4G tubes, 1—1½ volt A, 2—45 volt B and 1—7½ volt C batteries. Less tubes and batteries. **\$3.97**
- K10441—2 Tube AC-DC Kit.** Less tubes (2—76's). **\$4.12**
- K10417—3 Tube Kit.** Uses 1—1E4G, 1—1C5G and 1—1H5G tubes, 1—1½ volt A, 2—45 volt B and 1—7½ volt C batteries. Less tubes and batteries. **\$5.00**
- K10442—3 Tube AC-DC Kit.** Less tubes (3—76's). **\$4.70**

### "Add-on Kits"

- K10418—Converts a 1-tube into a 2-tube kit.** Less 1C5G Tube. **73¢**
- K10419—Converts a 2-tube into a 3-tube kit.** Less 1H5G Tube. **\$1.32**
- K10443—Converts a 2-Tube AC-DC Model into a 3-Tube Model.** Less tube (1—76). **44¢**

### Accessories For Above Kits

- K10420—70 to 200 meter plug-in coil** Each
- K10421—35 to 70 meter plug-in coil** } **39¢**
- K10422—17 to 35 meter plug-in coil** }
- K10423—545 to 1500 meter (long wave coil).** **Your Cost Each... 97¢**
- K20182—1½ volt A Battery... 21¢**
- K20179—45 volt B Battery... 94¢**
- K19868—7½ volt C Battery... 48¢**
- FOR TUBES SEE PAGES 12 and 13.
- K13896—Single Headset... 66¢**
- K13892—Double Headset... 97¢**

## Lafayette 5-Tube AC-DC



### Superhet Kit

An extremely easy kit to assemble and wire. Not just "unassembled" parts of an ordinary midget but a kit that is especially designed for educational purposes. The IF transformers, for example, are factory tuned and require very little additional adjustment. No padding condenser is required. Tuning range is from 540 to 1600 kc. Tube lineup: 12SA7, 12SK7, 12SQ7, 50L6GT, and 35Z5GT/G. The receiver is designed for operation on 110 volts DC or 50/60 cycles AC. A pre-wound loop is incorporated but an external antenna can be used if desired. The kit is furnished complete in every detail (except cabinet) including all components, hardware, tubes, speaker, wire, solder, etc. Detailed instructions include both pictorial and schematic diagrams, aligning and operating instructions in addition to construction information. Shpg. wt. 6 lbs.

- K20370—Lafayette 6-tube AC-DC Kit with tubes and speaker.** **Your Cost... \$10.65**

## STANCOR Model DC-3 Portable-Mobile 6-12V. Lightweight Radiophone

For aircraft, marine, emergency or any application where source of power is 6 or 12V. DC. Only a little over ¼ cubic foot in size. Built-in vibrator power supply and a variable antenna loading system. One or two crystal controlled channels between and 6.5 mc. readily selectable from the front panel. Antenna may be as short as 15 feet. "Press-to-talk" microphone switch controls the 8 to 9 watt carrier. Provision for connecting a milliammeter into circuit for installation adjustment of padder condensers. Complete unit easily assembled and wired. All circuit components, cabinet, shock absorbing mountings, 8-ft. battery cable with plug and two vibrators (one for spare) supplied. Complete easy-to-understand wiring, installation and operating instructions are included. Shpg. wt. 8 lbs.



**K21106—Stancor DC-3 Kit as described. Assembled but not wired.**

**\$37.75**

**Your Cost...**

### ACCESSORIES REQUIRED

**TUBES:** 1-6J5GT (12J5GT for 12-volt operation), 2-6V6GT's. See pages 12 and 13.  
**MICROPHONE:** Single button carbon with press-to-talk switch. Pages 30 through 34.  
**RELAY:** (Optional) miniature antenna changeover. See page 67.

### ABBOTT 2½ M. Transceiver



Functions as 112 mc. Transmitter and Receiver. Inductive antenna coupling, adjustable from front panel, permits peak operation with any antenna. 40" piece of copper wire makes a satisfactory antenna. Range 2 to 30 miles depending on terrain. Gray wrinkle finished case 11x11x4½". Requires 3-45V. B (Burgess M-30) and 4-1½V. A (Burgess 4FH) batteries; 1-6J5GT and 1-6G6G tubes. Shpg. wt. 11 lbs. **Less tubes and batteries.**

**K21151—Abbott DK3 Transceiver.** **Your Cost... \$22.93**

### ABBOTT 2½ Meter Transmitter-Receiver



Entirely separate transmitter and receiver in a single case. Eliminates inconvenience of retuning when switching from sending to receiving and reduces receiver radiation to an absolute minimum. Employs Hytron HY-615A tube as superregenerative detector and HY-75, as oscillator. Also requires 7F7 and 6V6 or 6L6 tubes. Range 5 to 75 miles depending on terrain. Has built-in 5" PM speaker. Features include: ganged antenna and change-over switches, variable inductive antenna coupling, variable sensitivity and audio volume controls, etc. Size: 9x8x4½". Shpg. wt. 15 lbs. **Less tubes, mike and power supply.** **K21107—Model TR-4. Each \$38.22**

"B" power required is 300 volts at 100 ma. "A" is 6.3 V. at 4 amps. This can be supplied by either a vibrator-type power supply or an AC operated power supply. For Power Supplies refer to page 20. For mikes pages 30-34. For tubes pages 62-12-13.

### MEISSNER Manual



How to build all Meissner models from 1-tube right up to the FM and television receivers. Loads of diagrams. **K19978—Your Cost... 50¢**

### MEISSNER Signal Splicer



Accurately matches any antenna to any receiver. **K10397—Each... \$4.41**

**K10094—Extra coils for tough spots... \$1.08**

## Lafayette HIGH-FIDELITY HEARING AIDS



### Battery Models

Available in two types—"Compact" and "Battery Miser". The "Compact" model (A) is an exceptionally compact unit (3x5¼x7") in a pineal leather-covered metal case. It employs three tubes and a single-unit battery. The "Battery Miser" model (B) is essentially the same but employs separate A and B batteries and is contained in a pineal leather-covered wood case. Both models incorporate a "frequency compensator" for individual tone adjustment and come complete with crystal earphone with headband, cord and batteries. Shpg. wt. 5 lbs. each.

**K21923—"Compact" (A)**  
**K21926—"Battery Miser" (B) \$39.69**

**Either Model Complete... \$39.69**

**NOTE:** For replacement batteries for all types of hearing aids see pages... 16-17

### 110V. AC-DC Models

Essentially the same as the battery models described at left but for use on house current. Operates on any 110 V. AC or DC power outlet. "Executive" model (C) is housed in an attractive walnut cabinet 5½x6x4½" deep. "Portable" model (D) is in a pineal leather-covered wood case with handle. Has compartment for carrying earphone and electric cord. Other features same as battery models. With Crystal Earphone. Shpg. wt. 5 lbs.

**K21925—Executive Model (C)**  
**K21924—Portable Model (D) \$39.69**

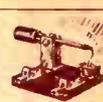
**Either Model, Your Cost... \$39.69**

**Accessories**  
**K13922—Extra Crystal Earphone\*... \$3.47**  
**K13923—Lorgnette Crystal Earphone\*... \$4.41**  
**K13910—External Volume Control†... \$2.63**

\* With 5-ft. cord. † With 10-ft. cord.



# 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 ... 79¢**

**(B) LITTLE WONDER:** Like above, but detector is not enclosed. Bakelite housing. Shpg. wt. 1 lb.  
**K13889—Your Cost ... 59¢**

## "ULTRATONE" Cabinet Model

Represents the highest practical efficiency for crystal reception. Special selectivity switch matches tuning coil to all aeri-als. Special low loss coil and high grade variable condenser in special circuit for super results. Has enclosed detector. In metal cabinet, complete.  
**K13896—Your Cost ... 3.45**



## "PETER PAN Senior"

Contains a sensitive fixed detector and is equipped with a full sized variable condenser that is matched to a spider web coil. Brings in stations excellently. Housed in neat case 5 1/2 x 3 3/4". Complete with aerial and ground wire and double headphones with headband. Shpg. wt. 3 lbs.  
**K13861—Complete, Each ... 3.90**  
Set only, less wire and headphones. Wt. 2 lbs.  
**K13862—Each ... 2.32**



## Empire Earphones

Phones have clock-steel band permanently attached. 4 1/2 foot cord. Lightweight. 1000 ohms per phone.  
Single Earphone. **K13896—Ea. 71c**  
Double Headset. **K13892—Ea. \$1.05**



## "TEE-NIE" Crystal Set in Cabinet



Looks like a real power set. In Walnut finished cabinet. Has pre-tested crystal. Calibrated weight complete with a special light-weight earphone and coil of aerial wire. Size: 4 1/2 x 3 3/4 x 2 1/4". Shpg. wt. 3 lbs.  
**K13822—Each ... 1.80**  
Set only, less phone and wire. Shpg. wt. 2 lbs.  
**K13823—Each ... 1.07**

## 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, Parts Kit ... \$1.27**  
**K13840—As above, but completely wired. Your Cost ... \$1.95**  
**Battery Kit: 1-45 V. "B" and 1-No. 6 "A" ... 1.58**  
**K13841—Kit of 4 extra coils 4-prong (13-240 meters) ... .72**  
Type 30 tube used in above set. **Your Cost ... .43**



### 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. **\$1.49**  
**K13842—Kit, Each ... \$1.49**  
**K13843—As above, wired. \$2.25**  
Two 30-type tubes. Each ... 43c  
Battery Kit: 2-45 V. "B" and 1-No. 6 "A". **Your Cost ... \$2.90**  
**K13841—Set of 4 plug-in coils to cover 13-240 meters (4 Pr.) ... 72c**

### 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 ... \$3.10**  
**K13846—As above, but wired. \$3.10**  
Two type-76 tubes. Each ... 38c  
**K13844—Set of 4 plug-in coils to cover 13-240 meters (4 Pr.) ... 72c**

### 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 1-1 1/2 volt "A", 2-45 volt "B" and 1-7 1/2 volt "C" batteries. Broadcast band coil supplied (200-530 meters). Size: 12 1/2 x 5 1/4 x 4 1/2". Shpg. wt. 4 lbs. Less tubes and batteries.  
**K13851—Your Cost ... \$6.25**  
Kit of: 1 1/2 volt, 7 1/2 volt and two 45 volt batteries. ... \$3.38  
**K13852—3 coils to cover from 17-200 meters (5 Prong) ... 72c**



### 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 \$3.75**  
**Your Cost ... \$3.75**  
Two type 76 tubes. Each ... 38c  
**K13844—Kit of 4 coils to cover from 13-240 meters (4 Prong) 72c**



### Glass-Enclosed Crystal Detector

Dust-proof. An easily adjusted crystal unit equipped with a super-sensitive mineral and a cats whisker.  
**K13916—Each ... 23¢**



### 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 ... 14¢**  
**K13917—Complete ... \$1.26**



### Fixed Crystal Detector in Bakelite Case

Supersensitive point found by meters and fixed permanently. In Bakelite case with screw connections.  
**K13913—Your Cost ... 46¢**



### 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 ... \$1.08**



### 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 54c.  
**K13900—Your Cost ... 6¢**



### Super-Sensitive Crystal

Gets more stations and gets them louder. Each crystal is meter-tested after selection.  
**K13901—Each ... 10¢**  
10 For ... 90c



During the present emergency we must reserve the right to substitute like quality and make price changes without notice.

## 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 1/2 x 5 1/4 x 4 1/2". With broadcast coil, 200-530 meters. Wt. 3 lbs. Less tubes. **\$6.50**  
**K13856—Kit 6C6 and 25A7GT tubes ... \$1.14**  
**K13857—3 S. W. coils (5 pr.) to cover from 17-200 meters ... 72c**



## 3 Tube A.C.-D.C. Kit

Like above, but uses additional 6C6 tube for increased sensitivity and power. Less tubes.  
**K13858—Kit 2-6C6's and 1-25A7GT ... \$1.57**  
**K13859—Set of 6 plug-in coils (3 each, 5 prong and 6 prong) to cover 17-200 meters ... \$1.44**

## Philmore Compact "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 1/2 x 2 1/2 x 3 1/4". Net 1 lb. Shpg. wt. 3 lbs.  
**K13850—Your Cost ... \$3.45**



## "DWARF" 1-Tuber

A more sensitive model that gives you greater volume. Uses a 1E4G low drain tube. Has two controls; 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 1/2 x 4 1/2 x 3 1/4". Weighs only 1 1/2 lbs. Push-type "on-off" switch on panel. Requires no "B" batteries. Shpg. wt. 3 lbs.  
**K13849—Your Cost Complete ... \$4.55**



## "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. Shpg. wt. 2 lbs.  
**K16478—Your Cost ... 69¢**



**Cat Whiskers**  
Finest wire—correct tension—holds that sensitive spot  
**K13921—Envelope of 3 Your Cost ... 9¢**



# HEADPHONES and ACCESSORIES

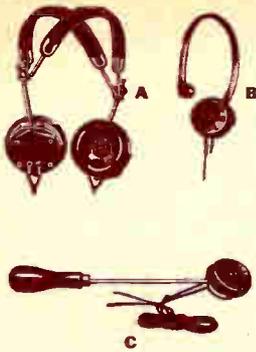
## BRUSH Crystal Phones

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.  
K13924—**\$6.47**  
Your Cost.....

**Single Headset.** Fig. B. Metallic headband with rubber end cushion. 5 ft. cord.  
K13922—Your Cost. **\$3.47**

**Lorgnette Phone.** Fig. C. Single phone with chromium and black enameled handle. Extends from 12" to 17". 5 ft. cord. Shpg. wt. 1 lb.  
K13923—**\$4.41**  
Your Cost.....



## BRANDES "Admiral" Headphones

Compact, efficient phones featuring powerful magnets, molded caps, steel headbands with new type adjustable clips, concealed terminals. With 5-ft. cord.

K13928—2000 ohms **\$1.97**  
Per Set.....  
K13929—3000 ohms **\$2.14**  
Your Cost, Per Set.....  
K13930—5000 ohms **\$2.57**  
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. **\$1.87**

### Headphone Caps and Diaphragms

K13936—Bakelite Cap (fits all models). Each **18c**  
K13935—Aluminum Cap (fits all models). Each **18c**  
K13937—Diaphragm only (fits all models). Each **5c**

## FROST DX Specials



K13931 Extremely sensitive. Polished aluminum shells; Bakelite caps; adjustable webbed band. Impedance 20,000 ohms. 5-ft. cord.  
Your Cost **\$2.75**

**FROST Standard Headsets**  
K13932—Per Pair **\$1.90**  
2000-Ohm Set.....  
K13933—Per Pair **\$2.00**  
3000-Ohm Set.....

## Popular Phone Plugs



For 1 or 2 phone or speaker cords.  
Bakelite shell. 2 3/4" x 3/4" diam.  
K14974—Black **27c**  
K14971—Red. Each.....  
10 For..... **\$2.40**

**Metal Shell Type**  
Same with nicked brass shell 3 1/2" x 3/4". 10 For **\$4.10**  
K14970—Each **46c**

**"Stubby" Metal Shell**  
As above but with short metal shell. 2 1/2" overall. 10 For **\$3.40**.  
K14959—Each **38c**

**Midget Bakelite Plug**  
Bakelite shell. 2 1/4" overall x 3/8" diameter. Solder lug connections.  
K14960—Black **27c**  
K14963—Red **27c**  
Your Cost 10 For **\$2.40**  
Each.....

**Midget Metal Shell**  
Same with metal shell. 2 1/4" overall x 3/8" diam. K14958..... **32c**  
10 For..... **\$2.85**

## Extension Cord Connector



Has 2 openings, at either end, for inserting two pin tips. Molded body.  
K13051 **10c**  
Each..... **90c**

## Phone and Speaker Cords



**Cotton Braid Insulation**  
No. Type Feet Each  
K13955 Double\* 5 **32c**  
K13956 Double† 5  
K13957 Singlet 5

**Rubber Phone Cord**  
New double headphone cord for hospitals, institutions, etc.  
K13959—Double\* 6-ft. **65c**

## Extension Cords—Tinsel Center

Double cotton braid insulation.  
Stock No. Feet Your Cost  
K13945† 10 25c  
K13946† 20 36c  
K13947† 30 55c

\* Spade tips one end; straight tips other. † Pin tips both ends.

## 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. Wt. 2 lbs.  
2000 ohms imp. **\$2.18**  
K13948—Per Set.....  
3000 ohms imp. **\$2.33**  
K13949—Per Set.....



## Brush "Communications" Xtal Phones

Type BJ: Hermetically sealed aluminum cartridge construction with over-all cap of soft rubber that provides good ear seal. Yokeless cord with all-rubber cord and covered terminals. Bakelite diaphragm—direct xtal drive. 5 ft. cord. K13899—**\$8.53**  
Your Cost Each.....



## CANNON-BALL HEADPHONE KIT



When installed, the user can enjoy headphone reception only, speaker reception only or both together. Complete outfit consists of: 18" 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—**\$2.09**  
Your Cost, Complete Kit.....

## "EMPIRE" DX TYPE HEADPHONES

Made especially for DX fans. Have featherweight shells and a one-piece adjustable steel headband with adjustable clips. Each unit has a powerful bi-polar magnet and a BAKELITE CAP. Highly sensitive. Shpg. wt. 2 lbs.

**2000-Ohm Headset** **\$1.05**  
K13892—Complete. Your Cost.....  
K13893—3000 ohms **\$1.33**  
Your Cost.....  
K13894—Cap for above. Ea., 12c  
K13895—Diaphragm. Ea., 5c



**"EMPIRE" Single Unit Headsets**  
Similar to above, but one phone. Clock-steel band permanently attached; with 4 1/2 ft. cord.  
K13896—1000-ohm single set. **71c**  
Your Cost.....  
K13897—1500-ohm single set. **84c**  
Your Cost.....

## TRIMM Featherweight Phones

Lightweight—only 4 oz. Beautifully made. Bakelite shell and cap. Forged cobalt steel magnets. Adjustable steel headband.  
K13919—24,000 ohms impedance.  
K13918—4,000 ohms resistance. **\$5.88**  
Your Cost Each.....

**TRIMM Dependable Headset**  
Well made low priced set. Bakelite shells and caps. Chrome steel magnets.  
K13914—2000 ohms. **\$2.48**  
Your Cost Per Pair.....

**Professional Headset:** Similar but 4,000 ohms. K13915—Each **\$3.04**  
**Commercial Headset:** DeLuxe super-sensitive phones. Exceptionally rugged. 3 year guarantee. A favorite of commercial operators.  
K13908—17,000 ohms imp., with army-navy type plug. **\$9.40**  
Your Cost, Either Type.....  
K13912—Same as K13908 but less plug. **58.23**  
K13938—Same as K13939 but less plug. **58.23**



## Headphone Adapter

With 18" Cable. On fibre panel 2x2". For all sets. Three positions; phones, speaker, and both phones and speaker. Full instructions.  
K13942—Your Cost..... **90c**



For a complete listing of all types of phone plugs please refer to pages 36 and 92.

## ARMY-NAVY Type Headphones

Sensitive and durable to meet Army and Navy specifications. Extra heavy duty bakelite cap, brass shell. 17000 ohms impedance; bi-polar magnets. 6-ft. cord. Moisture proof. Shpg. wt. 2 lbs.  
K13926—**\$10.95**  
Your Cost.....  
K13927—Same as above, but low impedance type. **\$10.95**  
Your Cost.....  
K14969—Army-Navy type plug. Hard rubber insulation. Black acetate shell. Fits standard phone jacks. Each. **\$1.32**



## Headphone Cushions

Soft rubber. Fit all type headphones.  
K13943—Pair. **56c**  
10 Pairs for..... **\$5.00**



## Hearing Aid Volume Control

Cord control for headphones. Imp. 50,000 ohms. 2 1/4" x 1 1/2" x 1 1/2". With 4 ft. cord. Shpg. wt. 1 lb.  
K13890—**\$1.73**  
Each.....



## 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 With Acme DeLuxe Headset. **\$4.02**  
Your Cost, Complete.....  
K13905—Model 643—With Trimm Dependable Headset. **\$4.21**  
Your Cost, Complete.....



# COILS and CHOKES for Every Purpose

## TRUTEST Iron Core Ant. and R.F. Coils



MIQ (Ironcore) 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;  $1\frac{1}{4} \times 1\frac{1}{4} \times 2\frac{1}{2}$ ". 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	95¢
K10278	R.F. (Det.)	High	
K10260	R.F. (Inter.)	Low	

## TRUTEST 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.  $2\frac{1}{2}$ " long,  $\frac{3}{8}$ " diameter. Tunes with .000365 mfd. condenser. With mounting brackets and diagrams.

K10012	—Antenna coil.	30¢
K10095	—R.F. Coil.	
K10096	—Set of 2	

Your Cost Each  
Your Cost



## 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  
Your Cost, Special 65¢

## TRUTEST 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 universal-wound, accurately rated and factory tested. Thoroughly impregnated—will give long, trouble free service.

Unshielded				Shielded			
Stock No.	Cost Each	Milli-hen.	Stock No.	Cost Each	Milli-hen.	Stock No.	Cost Each
K10133	22c	2.5	K10240	38c	2.5	K10240	38c
K10099	22c	5.5	K10241	38c	5.5	K10241	38c
K10100	27c	8	K10242	41c	8	K10242	41c
K10101	32c	16	K10243	49c	16	K10243	49c
K10134	32c	30	K10244	51c	30	K10244	51c
K10135	39c	60	K10245	57c	60	K10245	57c
K10136	39c	80	K10246	59c	80	K10246	59c

## TRUTEST R.F. Chokes



Four pie wound sections on Isolantite form. 2.5 mh., 150 ma. 50 ohms d.c. resistance distributed capacity 1 mmfd.

K10106	—Each	15¢
K10107	—Same but heavily impregnated.	19¢
K10109	—2.1 mh., 250 ma. heavy duty choke.	23¢

## 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 metal shield can is  $1\frac{1}{2} \times 1\frac{1}{2} \times 3$ "; threaded lug mounting. Diagram furnished. Primary and secondary windings are single pi-wound.

Freq.	Input	Output	Interstage	Each
175 kc.	K10021	K10016	K10015	69¢
262 kc.	K10017	K10025	K10018	
456 kc.	K10022	K10034	K10027	



## TRUTEST Antenna Coil Primary Windings

Designed to replace defective or burned-out antenna coil primaries. Will fit over the old coil. All high impedance.



Model	For	Any Type Each
K10116	—For $1\frac{1}{4}$ " O.D. coils	15c
K10117	—For 1" O.D. coils	
K10118	—For $\frac{3}{4}$ " O.D. coils	
K10119	—For $\frac{1}{2}$ " O.D. coils	

## TRUTEST Universal Adjustable Coils

Designed especially for replacement use these coils are furnished with universal mounting facilities so that they may be mounted in the original shield or used unshielded. In view of the fact that shielded coils will be increasingly hard to get it will pay every serviceman to put in a small stock of each type.

No. Type Any Type Each

K10125	Antenna	72¢
K10126	Auto Radio Ant.	
K10127	R. F.	
K10128	Oscillator*	

\* Designed for use in 100-470 kc. superhets with padder or cut-plate tuning condenser.



## 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. Metal shield cans. Shpg. wt. 1 lb.

K10045—456 Kc. Input I.F.  
K10048—456 Kc. Output I.F.

Your Cost, Either Type 98¢



## Trutest Shielded Litz Wound R.F. and Antenna Coils



COVERS 175 TO 550 METERS  
Will receive over 90% of the receivers on the market. Have high-impedance primaries for screen-grid tubes, and Litz-wound secondaries. Completely shielded in round metal 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. 39¢  
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 \$1.15

### 4-TUBE KIT

K10071—Comprises one antenna and one r.f. coil with instructions and diagrams.  
Your Cost 75¢



## 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.

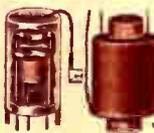
4-Prongs—2 Winding  
K10040—Kit of 4 coils covering 10-200 meters.  
Your Cost \$1.08  
K10041—Broadcast coils. Two coils, 120-540 meters.  
Your Cost 95¢

6-Prongs—3 Windings  
K10042—Kit of 4 coils covering 9.5-200 meters.  
Your Cost \$1.62  
K10043—Broadcast coils. Two coils, 100-570 meters.  
Your Cost \$1.27

### 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 16¢

## Replacement I.F. Coils



Replacement coils for popular receivers. Well made; no changes necessary to install. Complete units housed in shield can (except where otherwise noted).

units comprise entire coil assembly housed in shield can (except where otherwise noted).

### COMPLETE UNITS

Stock No.	Make & Model	Mfrs. No.	Stage	Your I.F. Cost
K2478*	122, 123, 124-5-		2nd	\$0.72

### CROSLY

K2491	15, 15B, 150	4428	Osc.	1.75
K2498	60	4439	1st	2.02
K2451	460	10149	1st	1.16

### MAJESTIC

K2503	80, 82, 86	8567	1st	.58
K2504	80, 82, 86	8565	2nd	.58
K2505	80, 82, 86	8566	3rd	.58

\*Complete, less shield can.

### COIL ONLY

Stock No.	Make & Model	Mfrs. No.	Stage	Your I.F. Cost
K8440	15, 15B, 150	4428	1st	\$0.35
K8441	15, 15B, 150	4429	2nd	.35
K8455	210	6127	3rd	.58
K8457	310A, 330	7812	2nd	.58
K8460	460	10149	1st	.40
K2452	460	10253	2nd	.49
K2452	800	11014	2nd	.49
K8463	290, 300, 310, 330, 460, 520, 800	7187	Primary Coil	.40

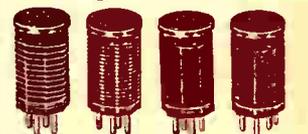
### MAJESTIC (Cont.)

K8440	15, 15B, 150	4428	1st	\$0.35
K8441	15, 15B, 150	4429	2nd	.35
K8455	210	6127	3rd	.58
K8457	310A, 330	7812	2nd	.58
K8460	460	10149	1st	.40
K2452	460	10253	2nd	.49
K2452	800	11014	2nd	.49
K8463	290, 300, 310, 330, 460, 520, 800	7187	Primary Coil	.40

### R.C.A.-VICTOR

K2503	80, 82, 86	8567	1st	.58
K2504	80, 82, 86	8565	2nd	.58
K2505	80, 82, 86	8566	3rd	.58

## Bakelite Ribbed Plug-In Coil Kit



On ribbed, natural color Bakelite forms. Space windings. Wave-range printed on card on each coil. For .00014 or .00015 mfd. tuning. Windings comprise tickler and grid input.

4-PRONGS—2 WINDINGS  
Set of four 4-prong coils cover 15 to 217 meters.  
K9982—Your Cost \$1.47  
Two coils to cover broadcasting 190-550 meters.  
K9983—Your Cost \$1.18

## Ribbed Bakelite Forms

Unwound coil form as used in above kit. Of molded Bakelite  $2\frac{1}{4}$ " high,  $1\frac{1}{2}$ " in dia. With rimmed tops.

Stock No.	Prongs	Your Cost
K9988	4	Each 21¢
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.



Model	Prongs	Each
K14385	4 Prongs	44c
K14386	5 Prongs	47c
K14387	6 Prongs	54c

## Medium Coil Forms

As above, but undrilled and  $1\frac{1}{2}$ " diameter,  $3\frac{1}{4}$ " high. Bakelite.

K9630—4-Prong  
K9631—5-Prong  
K9632—6-Prong

R.F. CHOKE  
 $7\frac{1}{2}$  mh. For all types of sets. On tube with lugs  
K10259  
Each 5¢  
10 For 45c



# Meissner COILS FOR EVERY REQUIREMENT

## "Cart-Wheel" I.F. Replacement

Same size and style of I.F. transformer as used in most of the midget sets. 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. For under chassis mounting. Size:  $1\frac{1}{2} \times 1\frac{1}{2} \times 1\frac{1}{2}$ " high overall. **K10385—Your Cost Each 65¢**



## 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  $1\frac{1}{2} \times 1\frac{1}{2} \times 3\frac{1}{2}$ ". Double tuned with mica trimmers. **K10184—2 position—"Sharp" or "High Fidelity". Range 340-640 kc. Your Cost Each \$1.94**  
**K10185—3 position—"Sharp", "Medium" & "Hi-Fidelity". Range 340-640 kc. Your Cost Each \$2.27**



## 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:  $1\frac{1}{2} \times 1\frac{1}{2} \times 3$ ". Cover 15.8-51.7 and 181-565 meters.

Stock No.	Type	Stock No.	Unshielded
K10253	Ant.	K10256	
K10254	R.F.	K10257	
K10255	Osc.	K10258	

Shielded. **Your Cost Each \$1.75**  
Unshielded. **Your Cost Each \$1.20**

**K10231—Padding Condenser Kit for above. 80¢**  
**K10232—3-gang 2-position Rotary Switch for above. \$1.03**



## Three-Band Coils

Similar in design and construction to Dual Band Coils above, but cover three bands. All types are in shield cans  $1\frac{1}{2} \times 1\frac{1}{2} \times 4$ " and are designed for use with 456 kc. i.f.s.



## B'Cast-Police and S.W.

Covers 16.2 to 565 meters with any 450 mmf. condenser.

No.	Type	Each
K10338	Ant. Coil	<b>\$2.27</b>
K10339	R.F. Coil	
K10340	Oscillator	
K10341	Pad. Cond. Kit. . . . .	
K10389	3-gang 450 mmf. Variable Condenser for above. . . . .	\$3.82
K10390	3-gang, 3-position Rotary Switch for above. . . . .	\$1.32

## MEISSNER I.F. Manual

Essential data on I.F. transformers used in practically all sets now on the market. Includes important chapter on installation and alignment. 254 pages  $7\frac{1}{2} \times 4\frac{1}{2}$ ". Shpg. wt. 1 lb. **K19781—Your Cost. 25¢**

## Meissner "Plastic" I.F. Coils

### 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;  $1\frac{1}{2}$ " square by  $2\frac{1}{2}$ " high. Specially-served Litz wire. Double tuned. Metal shield can. Unaffected by temperature or humidity.

Set at Kc	Range KC	Input	Interstage	Output
175	140-200*	K10373	K10374*	K10375
282	200-310	K10376	K10377	K10378
370	305-480	K10379	K10380	K10381
456	400-550	K10382	K10383	K10384

\* Note: Range in KC of K10374 is 148-250.  
**YOUR COST EACH, Any Type. 65¢**



## New Ferrocart (Iron Core) "Plastic" I.F.'s

No.	Type	Set At	Range	Your Cost
K10325	Input	456	380-600	97¢
K10326	Output	456	380-600	97¢

## Ferrocart (Iron Core) I.F. Transformers

For Servicemen who want to "pep 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  $1\frac{1}{2}$ " square by  $3\frac{1}{2}$ " high black crackle-finished cans. Leads are RMA-color-coded.

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	K9755

\* Note: Range in KC of K9697 is 144-320.  
**YOUR COST EACH, Any Type. \$1.29**



## OSCILLATOR COILS

For 190 to 550 meter broadcast band. Used with .000365 mfd. condenser; impregnated. Shielded type is  $1\frac{1}{2}$ " high,  $1\frac{1}{2}$ " diam. These coils can be used with any I.F. x'fms. and any r.f. and antenna coils. Padder condensers not supplied.

No.	Freq.	Padder	No. Unshielded
K10029	175	900	K10028
K10031	456	350	K10030

Shielded. **Your Cost Each 62¢**  
Unshielded. **Your Cost Each 48¢**

Padders for above, Each  
K9779—900 mmfd. 33¢  
K9770—350 mmfd. 29¢



## De Luxe Midget Ant. and R.F. Coils

High quality compact coils for Broadcast band coverage with a 365 mmfd. condenser. Same overall gain as large coils. 4 bank Litz wire windings, high impedance primaries. Black crackle cans  $1\frac{1}{2} \times 1\frac{1}{2} \times 2$ ". **K10046—Ant. Coil**  
**K10047—R.F. Coil/Each 65¢**



## "Wireless" Phonograph Oscillator Coil

Has knob for frequency adjustment. Instructions and diagram furnished.  $1\frac{1}{2} \times 1\frac{1}{2} \times 3\frac{1}{2}$ ". **K10010—Oscillator Coil for Phonos. \$1.29 Each**



## MEISSNER "Ferrocart" Wave Traps

DUAL UNIVERSAL MODEL: Tunes to both I.F. (400-475 kc) and broadcast (550-1950 kc) bands eliminating interference in both. **K10014—Your Cost. \$1.71**  
DUAL BROADCAST MODEL: As above but both sections cover broadcast (550-1950 kc) band. Provides maximum attenuation. Shpg. wt. 1 lb. **K9958—Your Cost. \$1.71**



Standard Single Channel Broadcast Band Models  
K9960-400 to 700 kc. K9961-650 to 1000 kc. K9962-950 to 1600 kc.  
All above in  $1\frac{1}{2}$ " square cans. **ANY TYPE ABOVE YOUR COST EACH. 80¢**

Standard 456 kc. I.F. Band Wave Traps  
Same as above but for I.F. code elimination only.  
K9967—Shielded (in metal can). . . . . 58¢ K9969—Less shield. . . . . 42¢

## High "Q" Coil Dope and Cement

Meissner cements are among the finest available today. High "Q" Cement for RF coils, etc. Maintains "Q" holds fast. In 2 oz. can. Shpg. wt. 6 oz. **K15365—Your Cost. 35¢**  
**Thinner #2. High quality solvent for "High Q" cement only. 21¢**  
**K15369—2 oz. can. Each. 21¢**  
**Collodion. Quick drying. For coils, cones, etc. 21¢**  
**K15367—2 oz. can. Your Cost. 21¢**  
**Radio Cement. Use where great tensile strength is needed. 29¢**  
**K15366—2 oz. can. Your Cost. 29¢**  
**Thinner #1. Solvent for lacquers, cement, collodion, etc. 35¢**  
**K15368—2 oz. can. Your Cost. 35¢**



## 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. Dust proof cover. Non-microphonic. Air trimmers permit 3600 degrees of micrometer smooth tuning. Double tuned. Black crackle finished cans  $2 \times 2 \times 4\frac{1}{4}$ ".



Stock No.	Set at KC	Type	Freq. Range
K10264	456	Input	415
K10265	456	Interstage	to 415
K10266	456	Output	to 540
K10267	456	Output CT	540
K10153	1500	Input—or Interstage	1325 to 1750
K10155	1500	Output	1750

**Your Cost Each \$3.23**

## "Permeability Tuned" I.F.'s

Drift-proof transformers similar to the above but permeability tuned with adjustable iron cores.  $1\frac{1}{2} \times 1\frac{1}{2} \times 3\frac{1}{2}$ ". **K10386—456 kc.\* Input**  
**K10387—456 kc.\* Interstage**  
**K10388—456 kc.\* Output**  
\*Range 440-500 kc. **Any Above Each \$1.94**



## 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 mmfd. variable condenser. High impedance primary. Litz secondary. Form is  $\frac{1}{2}$ " 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**  
**K10006—R.F. Coil/Each 39¢**

**UNSHIELDED**

**K10003—Ant. Coil**  
**K10004—R.F. Coil/Each 29¢**

## "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  $1\frac{1}{2}$ " square, by  $2\frac{1}{2}$ " high. **Stock No. Type Each**  
**K10120 Antenna \$1.29**  
**K10121 R.F.**  
**K10123 Oscillator**

**Unshielded Coils**  
As above but without shield cans.  
**K10007 Antenna Each 80¢**  
**K10008 R.F.**  
**K10009 Oscillator**



# DIALS and BELTS

## Modern Slide-Rule Dials



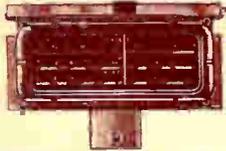
New style slide rule dials. Accommodate both  $\frac{1}{4}$  and  $\frac{3}{8}$  shafts. Universal scale, with broadcast kc. and Short-wave mc. Complete with light sockets, antique finish escutcheon and unbreakable crystal.



**Type A.** Requires panel opening  $1\frac{1}{2} \times 5\frac{1}{2}$ ". Ratio 7-1 over 180°. Escutcheon size  $2\frac{1}{2} \times 6\frac{1}{2}$ ".  
**K9811**—For Clockwise Condenser.  
**K9812**—For Counter-clock Cond.  
**Your Cost, \$1.56**  
**Either Type.**

**Type B.** Requires opening  $1\frac{1}{2} \times 3\frac{1}{2}$ ". Mtg. holes in front plate. Escutcheon size  $2\frac{1}{2} \times 4\frac{1}{2}$ ".  
**K9816**—For Clockwise Condenser.  
**K9817**—For Counter-clock Cond.  
**Your Cost, \$1.25**  
**Either Type.**

### 6 $\frac{1}{2}$ " Slide Rule Dial



Beautiful Pyralin scale calibrated from 550 to 1700 kc., 5.5 to 18 mc. and 100 to 0 degrees. Panel opening  $5\frac{1}{2} \times 2$ ". Ratio 9 to 1. Hub takes  $\frac{1}{4}$ " or  $\frac{3}{8}$ " shafts.  $\frac{1}{2}$ " diam. knob shaft. With escutcheon ( $3\frac{1}{2} \times 6\frac{1}{2}$ ") and crystal. 2 pilot light sockets. Shpg. wt. 3 lbs.  
**K9807**—For clockwise condensers.  
**K9808**—For counter-clockwise condensers.  
**Either Type, Each, \$2.85**

### 2-Band 6 $\frac{3}{4}$ " Dial



Calibrated from 550 to 1500 and 1000 to 550 kc. (also 0-100 and 1500-0) for clockwise or counter-clockwise condensers. Cable driven. Ratio 6 to 1. Knob shaft  $1\frac{1}{2} \times \frac{1}{4}$ ". Hub takes  $\frac{1}{4}$ " and  $\frac{3}{8}$ " condenser shafts. Antique finish escutcheon with pyralin window. Panel opening required  $5\frac{1}{2} \times 2\frac{3}{4}$ ". With pilot light socket. Shpg. wt. 3 lbs.  
**K9901**—Your Cost, **\$2.29**

## Modern Airplane Dials

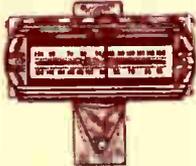


Precision built dials featuring sturdy construction, positive action, smooth tuning and fine appearance. Friction drive type. Calibrated translucent celluloid scales printed with easy to read figures. Scales protected by convex glass crystal. **Fit both  $\frac{1}{4}$ " and  $\frac{3}{8}$ " condenser shafts** (reducer bushing furnished). Each has two pilot light sockets. All complete with attractive statuary bronze finish escutcheon.

Calibrated 520 to 1600 kc.; 1500 to 4600 kc.; 5.8 to 15.8 mc. Ratio approx. 11 to 1 in 360°. Scale dia.  $4\frac{3}{4}$ ", panel opening 5".  
**K9906**—Clockwise rotation **Each, \$1.32**  
**K9907**—Counter-clockwise rotation **Each, \$1.32**  
 Calibrated 0 to 100; 520 to 1600 kc.; 200 to 550 meters. Ratio approx. 8 to 1 in 360°. Scale dia.  $3\frac{1}{2}$ ", panel opening  $3\frac{3}{4}$ ".  
**K9931**—Clockwise rotation **Each, \$1.93**  
**K9932**—Counter-clockwise rotation **Each, \$1.93**  
 Calibrated 550 to 1600 kc.; 0 to 100. Ratio approximately 5 to 1 in 360°. Scale dia.  $2\frac{1}{4}$ ", panel opening  $2\frac{3}{4}$ ".  
**K9912**—Clockwise rotation **Each, \$1.73**  
**K9911**—Counter-clockwise rotation **Each, \$1.73**

### 4 $\frac{1}{2}$ " Slide Rule Dial

Calibrated from 550 to 1500 kc. and 1500 to 550 kc. for c.w. and c.c.w. condensers. Knob shaft is  $1\frac{1}{4} \times \frac{1}{4}$ ". Hub takes both  $\frac{1}{4}$ " and  $\frac{3}{8}$ " condenser shafts. Escutcheon plate with pyralin window and 2 pilot light sockets included. Requires  $1\frac{1}{2} \times 3\frac{3}{4}$ " panel opening. Wt. 2 lbs.  
**K9900**—Your Cost, **\$1.88**



### Bakelite Vernier Dials

Ideal for use in the construction of communications receivers and similar apparatus, or to replace other types. No gears to strip—no backlash. Molded walnut bakelite construction. Scales are calibrated 0-100-0. Available in 3" and 4" sizes only. Offered at exceptionally low prices.



**K9813**—3" size **Your Cost Each, \$55**  
**K9814**—4" size **Your Cost Each, \$65**

### 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
K9933	42	5	\$0.19
K9934	42	25	.70
K9935	42	50	1.32
K9872	42	100	2.35
K9936	16	5	.06
K9937	16	25	.22
K9938	16	50	.36
K9881	16	100	.65

### Linen Dial Cable

All types are of black woven linen exactly as used in most receivers. High tensile strength.

	Special Thin Cable	Light Cable	Heavy Cable
K9889	25 ft.	5 ft. (approx. $\frac{1}{32}$ " diam.)	5 ft.
K9942		25 ft.	25 ft.
K9943		100 ft.	25 ft.
K9944			100 ft.
K9939			5 ft.
K9940			25 ft.
K9941			50 ft.
K9882			100 ft.

## WALSCO "UNIBELT" Adjustable Dial Belts



Four sizes meet all replacement requirements. Belts are adjustable; can be cut to measure using scissors or diagonal cutters. Zipper like fastening gives instant strong, durable connection. Can't slip or stretch—have special latex covering and cores of tempered, highly flexible clock-spring steel. Full instructions and paper ruler supplied.



Stock No.	Adjustable From	Each
K9945	6 $\frac{3}{4}$ " to 10"	28c
K9946	10 $\frac{1}{2}$ " to 13 $\frac{1}{2}$ "	28c
K9947	14 $\frac{1}{2}$ " to 17 $\frac{1}{2}$ "	32c
K9948	19 $\frac{1}{2}$ " to 22 $\frac{1}{2}$ "	32c

**UNIBELT KIT**  
 Kit of 10 Unibelts comprising 3-K9945, 4-K9946, 2-K9947, and 1-K9948.  
**K9949**—Per Kit, **\$2.74**

### Drive Rubbers



Eight different types of friction drive rubbers for popular receivers including: Atwater Kent, RCA, Stewart Warner, etc. **Kit of 24 pieces, \$88**  
**K9400**—Per Kit

### Dial Drive Springs



High grade steel wire rust-proof springs. Five sizes take care of all requirements.  
 Kit of 10 Assorted Springs (all sizes).  
**K9890**—Net, **\$24**  
 Kit of 10 Springs (small sizes only).  
**K9891**—Net, **\$24**

### Exact Duplicate Drive Cables

We can supply any cable, band or belt on order at lowest prices.  
**K9822**—Atwater Kent 35, 37. **15c**  
**K9823**—Atwater Kent 42, 44. **24c**  
**K9920**—Atwater Kent 40, 46. **15c**  
**K9826**—Boech 48A. **15c**  
**K9828**—Boech 58, 60. **15c**  
**K9921**—Brunswick 15, 22 front. **24c**  
**K9922**—Brunswick 15, 22 rear. **24c**  
**K9833**—Colonial 31, 32. **21c**  
**K9844**—Kolster 6J. **24c**  
**K9847**—Majestic 70, 71, 72. **12c**  
**K9848**—Majestic 70, 71, 72. **9c**  
**K9925**—Majestic 52, 60. **15c**  
**K9927**—Philco 71. **13c**  
**K9928**—Philco 91. **15c**  
**K9852**—RCA 44, 46, 47. **18c**  
**K9853**—RCA 16, 17, 18, 33. **21c**  
 † 42 strand. † 18 strand.

### Dial Cable "Thrift Spool"



Economical and practical assortment of popular types of dial cables. The handy 3-section spool contains 15 feet each of phosphor bronze cable, medium linen cord and special thin cord (total 45 ft.). Shpg. wt. 1 lb.  
**K9879**—**Each, \$97**

### Special Dial Drive Spring Assortment



A handy kit for the serviceman. Box contains six different sizes of dial drive tension springs. Total of 25 springs in all. Offered at an unusually low price. Shpg. wt. 1 lb.  
**K9852**—**Per Kit, \$59**

### Non-Slip Dial Compound



Special powder that cures slipping dial belts and cables. Easy to apply. Shpg. wt. 1 lb.  
**K9897**—**Each, \$18**

### J F D 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. **\$3.67**  
**Your Cost, Per Kit.**

### J F D Woven Fabric Belts

Belts also available separately as listed below.

IMPORTANT! Order by Stock No. Give Belt No.					
Belt	Size	For	Belt Size	For	
1	6 $\frac{13}{16}$ "	Zenith	22	10 $\frac{11}{16}$ "	RCA
2	7"	Zenith	23	10 $\frac{13}{16}$ "	RCA
3	7 $\frac{1}{8}$ "	Emerson	27	10 $\frac{1}{2}$ "	Airline
4	8 $\frac{1}{8}$ "	Belmont	28	10 $\frac{1}{4}$ "	Airline
6	7 $\frac{1}{2}$ "	RCA	30	11 $\frac{1}{8}$ "	Zenith
7	7 $\frac{3}{8}$ "	Belmont	33	11 $\frac{1}{4}$ "	Fada
10	8 $\frac{1}{16}$ "	Fada	34	11 $\frac{1}{2}$ "	Grunow
11	8 $\frac{1}{4}$ "	Emerson	34	11 $\frac{1}{2}$ "	RCA
11	8 $\frac{1}{4}$ "	RCA	36	11 $\frac{1}{2}$ "	Sparton
12	8 $\frac{3}{8}$ "	RCA	37	11 $\frac{1}{2}$ "	Crosley
13	8 $\frac{1}{2}$ "	RCA	38	12 $\frac{1}{8}$ "	Fada
14	8 $\frac{1}{2}$ "	Airline	39	12 $\frac{1}{4}$ "	Grunow
14	8 $\frac{1}{2}$ "	Fada	40	12 $\frac{1}{4}$ "	RCA
15	9 $\frac{1}{8}$ "	Silvertone	41	12 $\frac{1}{2}$ "	Sparton
16	9 $\frac{1}{8}$ "	RCA	42	12 $\frac{1}{2}$ "	Crosley
17	9 $\frac{1}{4}$ "	Zenith	43	12 $\frac{1}{2}$ "	Fada
17	9 $\frac{1}{4}$ "	Airline	45	12 $\frac{1}{2}$ "	Zenith
18	10 $\frac{1}{8}$ "	Zenith	46	13 $\frac{1}{8}$ "	Admiral
19	10 $\frac{1}{4}$ "	Emerson	47	14 $\frac{1}{8}$ "	Zenith
20	10 $\frac{1}{2}$ "	Garod	48	15 $\frac{1}{8}$ "	Admiral
K9909	(Specify Belt No.)	Your Cost Each			15c

# VARIABLE CONDENSERS and Accessories

## Trutest Gang Condensers

All feature heavy metal 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.,  $1\frac{1}{2}$ " long. Each with split bushing for  $\frac{3}{8}$ " dials. All 17 $\frac{1}{2}$ " high,  $3\frac{1}{2}$ " wide. Shpg. wt. 2 lbs. All 365 mmfd.



T.R.F.		Gangs	Length	Rotation	456 Kc Super	
No.	Each				No.	Each
K9710	\$1.30	1	1 $\frac{3}{8}$ "	counter-clock		
K9711	1.39	2	2 $\frac{1}{2}$ "	counter-clock	K9798	\$1.85
K9712	2.05	3	3 $\frac{1}{2}$ "	counter-clock	K9799	2.60
K9720	1.10	1	1 $\frac{3}{8}$ "	clockwise		
K9721	1.39	2	2 $\frac{1}{2}$ "	clockwise	K9796	1.45
K9722	2.05	3	3 $\frac{1}{2}$ "	clockwise	K9797	2.10



### TRUTEST 2 Gang Compacts

Compact 2 gang condensers normally used in midgets. With trimmers.  $2\frac{1}{2}$ "x $1\frac{1}{4}$ "x $1\frac{1}{8}$ ". Counter clockwise. K9738—000365 TRF. K9739—000365 Superhet. **Your Cost 79¢**

## Trutest Midget Single Gang Condensers

With all the features and characteristics of larger units. Ideal for limited space apparatus. Rotor and stator plates, firmly stacked into position. Lo-loss bakelite insulation. Improved ball bearing. Counter-clockwise rotation for all types.  $\frac{1}{4}$ " shafts. Overall dim.:  $1\frac{1}{4}$ "x $1\frac{1}{4}$ "x $1\frac{1}{8}$ " deep. Less trimmers. Shpg. wt. 1 lb.



No.	Mmfd.	Each	No.	Mmfd.	Each	No.	Mmfd.	Each
K10189*	15		K10193*	75		K10197	365	
K10190*	25		K10194	100	<b>79¢</b>	K10198	410	<b>85¢</b>
K10191*	35		K10195	150		K10199	450	
K10192*	50		K10196	250	.85c	*—Double spaced.		



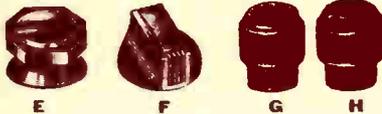
## Trutest Midget Condensers

For communications receivers and transmitters. Compact, rugged and highly efficient. Ceramic insulation, sturdy lug terminals, single hole mounting feature, etc.  $\frac{1}{4}$ " shaft plated to resist corrosion. With mounting nut. Shpg. wt. 1 lb.

K9728	Capacity 3.5 to 25 mmfd. 4 plates.	Each	59c
K9731	Capacity 6 to 80 mmfd. 11 plates.	Each	68c

## Walnut Bakelite Knobs

Molded and polished bakelite knobs for  $\frac{1}{4}$ " shafts. All are set screw type except those marked with \* (are push-button knobs).



Type	Stock No.	Dia. In.	Cost Each	10 For
C	K9736	$\frac{1}{4}$ "	5¢	40¢
D	K9737	$\frac{1}{4}$ "	7¢	65¢
E	K9660	$\frac{1}{4}$ "	3c	72c
F	K9657	$\frac{1}{4}$ "	3c	25¢
G*	K9661	$\frac{1}{4}$ "		
H*	K9696	$\frac{1}{4}$ "		



## Ceramic Trimmers and Padders

Sizes from 25-100 to 225-650 mmfd. are  $\frac{1}{4}$ "x $\frac{1}{4}$ "; others  $1$ "x $\frac{1}{4}$ ".

No.	Mmfd.	Each	No.	Mmfd.	Each
K10173	25-100	16c	K10179	325-1000	33c
K10174	75-225	18c	K10180	400-1200	36c
K10175	125-350	21c	K10181	500-1400	38c
K10176	175-500	23c	K10182	600-1600	42c
K10177	225-650	26c	K10183	700-1800	45c
K10178	275-825	31c			

**DUAL SECTIONS— $\frac{1}{4}$ " Square**  
 K10186 20-90† 16c K10188 100-300† 21c  
 K10187 50-180† 18c †Cap. Per Section.

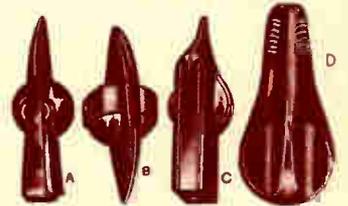
### Midget Trimmers

Compact trimmers for all purposes. Each is 3-30 mmfd.

No.	Insulation	Each	10 For
K9775	Bakelite	7c	62c
K9777	Ceramic	9c	81c
K9776†	Ceramic	24c	\$2.16

\*—Dual unit, each section 3-30 mmfd.

## Pointer and Lever Knobs



Polished bakelite. All have filled pointers except "D" (has ridged top). For  $\frac{1}{4}$ " shafts.

No.	Lgth.	Ht.	Type	Each	10 For
K13027	2 $\frac{1}{2}$ "	$\frac{3}{8}$ "	(A) Black	7c	59c
K13028	1 $\frac{1}{2}$ "	$\frac{3}{8}$ "	(A) Black	6c	55c
K13029	2 $\frac{1}{2}$ "	$\frac{3}{8}$ "	(B) Black	9c	85c
K13055	2 $\frac{1}{2}$ "	$\frac{3}{8}$ "	(C) Black	7c	59c
K13052	2 $\frac{1}{2}$ "	$\frac{3}{8}$ "	(C) Red	8c	75c
K13053	1 $\frac{1}{2}$ "	$\frac{3}{8}$ "	(C) Black	5c	45c
K13024	1 $\frac{1}{2}$ "	$\frac{3}{8}$ "	(C) Red	7c	65c
K9650	1 $\frac{1}{2}$ "	$\frac{3}{8}$ "	(D) Black	7c	65c
K9651	2 $\frac{1}{2}$ "	$\frac{3}{8}$ "	(D) Black	8c	75c

## Precision Vernier Dials



Have etched calibrations graduated from zero to 100. Large flanged knob has bushing for  $\frac{1}{4}$ " knobshafts. Shpg. wt. 1 lb.

Stock No.	Dia. In.	Degrees	Your Cost
K14236	4"	325	\$1.35
K14237	2 $\frac{1}{2}$ "	325	1.00
K14238	4"	180	1.35
K14239	2 $\frac{1}{2}$ "	180	1.00

Other accessories supplied on order. Write for prices.



## X'mitter Knobs For $\frac{1}{4}$ " Shafts



All black bakelite (except \* which are black lacquered wood).

No.	Type	Size	Each	10 For	No.	Type	Size	Each	10 For
K13022	A	1 $\frac{1}{2}$ " d.	23c	\$2.07	K13014	D	1 $\frac{1}{2}$ " d.	17c	\$1.53
K13018	A*	1 $\frac{1}{2}$ " d.	12c	1.08	K13005	D	1 $\frac{1}{2}$ " d.	21c	1.89
K13004	A	1 $\frac{1}{2}$ " d.	26c	2.34	K13013	D	1 $\frac{1}{2}$ " d.	27c	2.43
K13017	A*	2 $\frac{1}{2}$ " d.	16c	1.44	K13012	D	2 $\frac{1}{2}$ " d.	30c	2.70
K13011	A	2 $\frac{1}{2}$ " d.	32c	2.88	K9885	E	1 $\frac{1}{2}$ " d.	10c	.90
K13010	A	3" d.	38c	3.42	K9886	E	1 $\frac{1}{2}$ " d.	10c	.90
K9896	B	1 $\frac{1}{2}$ " d.	16c	1.44	K13007	F	1 $\frac{1}{2}$ " d.	30c	2.70
K13053	C	1 $\frac{1}{2}$ " l.	4c	.35	K13008	F	1 $\frac{1}{2}$ " d.	41c	3.70
K13055	C	2 $\frac{1}{2}$ " l.	6c	.50	K13009	F	2 $\frac{1}{2}$ " d.	46c	4.15

## Two-Speed Planetary Drive Unit



Auxiliary speed reducer fits on condenser shaft back of panel, or on dial knob shaft. Ratios 5 to 1 and 1 to 1. Fits any  $\frac{1}{4}$ " round shaft.

**K9887—Each \$1.32**  
**Knobs For Above:** Set of 2. Large for high speed shaft, small for low speed. Black. **K9888—Per Pair 12¢**

## Radio Knob Felts



For use behind radio knobs to prevent rubbing and scratching of cabinets. Kit contains 25 felts. This handy item should be included in every serviceman's kit.

**K14797—Your Cost 18¢**

## Johnson Handle Indicators



Etched scales, zero (on left) to 100. Bakelite handles. No. 204. 4" scale. **K13015—Your Cost 59¢**  
 No. 206. 6" scale. **K13016—Your Cost 73¢**

## Gear Reduction Unit



Can be attached to any variable condenser not equipped with a reduction drive. Ratio 6 to 1. Has  $\frac{1}{4}$ " drive shaft with set screw. Has anti-backlash spring. Shpg. wt.  $\frac{1}{4}$  lb.

**K9621—For  $\frac{1}{4}$ " shafts. Your Cost Each 44¢**

## Shaft Couplings and Bushings



Inches	Fig.	Purpose	Insul.	Brass	Stock No.
$\frac{1}{4}$ "x $\frac{1}{4}$ "	A	Coupling	K15014	K15000	
$\frac{3}{8}$ "x $\frac{3}{8}$ "	A	Coupling	K15006	K15001	
$\frac{1}{2}$ "x $\frac{1}{2}$ "	A	Coupling	K15008	K15002	
$\frac{1}{4}$ "x $\frac{1}{2}$ "	B	Extender	K15017	K15004	
$\frac{3}{8}$ "x $\frac{1}{2}$ "	B	Extender	K15018	K15005	
$\frac{1}{2}$ "x $\frac{1}{2}$ "	B	Extender	K15009	K15003	

10 For 99c  
**Your Cost Each. Any Type 11¢**

### SPLIT BUSHING

Fig. C. For increasing shaft diam. from  $\frac{1}{4}$ " to  $\frac{3}{8}$ ". Brass,  $\frac{1}{8}$ " long. **K9730—Your Cost Each 6¢** 10 For 54c

### BRASS AND FIBRE SHAFTINGS

Each	Each
K15010—6" Brass 11c	K15012—12" Brass 23c
K15011—6" Fibre	K15013—12" Fibre

## FLEXIBLE $\frac{1}{4}$ " SHAFT COUPLER

For use in coupling two  $\frac{1}{4}$ " shafts or for extending a shaft at an off-set angle. Insulated.

**K9751—Bakelite Your Cost Each 30¢**  
**K9750—Ceramic. Each 38c**

## Panel Bearing Assembly

For use with rigid or flexible coupling when mtg. volume controls, condensers, etc., back from panel. For up to  $\frac{3}{16}$ " panels.

K9563—3" long. $\frac{1}{4}$ " Shaft.	Each	22c
K9562—6" long. $\frac{1}{4}$ " Shaft.	Each	27c
K9564—Bearing only.	Each	11c

## 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. With friction rubber, screws and lock-washers.

**K9744—Your Cost Each 24¢**

# ★ ★ ★ ★ S O C K E T S ★ ★ ★ ★

## AMPHENOL Above Chassis Sockets



Chassis type bakelite socket, in aluminum shell. 1.36" above sub-panel. Has 4 knock-outs for leads, plus flange for mounting. Ideal work benches, for mounting on breadboard radios, etc.

No. Prongs	No. Prongs
K13100 4	K13103 7 S
K13101 5	K13104 7 L
K13102 6	

Any Type Above, Your Cost Each **12 1/2c**

K13105—7 L.&S. K13106—8 Oct. Either Type Above, Your Cost Each **14c**



### Loktal Sockets

Replacement type. With adapter plate for 1 1/2" to 1 3/4" mtg. centers or ring type without plate for 1 1/2" hole. Bakelite.

K13040—With Plate. Ea. **11c**  
K13045—With Ring only. Ea. **10c**

### 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	
K8046	33005	5	
K8047	33006	6	
K8049	33008	Octal	<b>24c</b>



### Molded Bakelite Sockets

No. Prongs Each 10 For

K13090 4	
K13091 5	
K13092 6	
K13093 7 L & S	
K13080 8 octal	<b>24c \$2.16</b>

### Combination Sockets

K13095—4, 5, 6 prong  
K13096—5, 6, small 7 prong  
10 for \$2.16  
Each, Either Type **24c**

### LOW LOSS SOCKETS

**Base Mounting**  
Unaffected by weather conditions. Efficient sockets that cut losses to an absolute minimum. Excellent for transmitters and high frequency gear.

No. Prongs	Each
K12636 4	47c
K12637 5	47c
K12638 6	50c
K12643 7 L & S	50c
K12644 8-octal	53c

### "Eye" Tuning Indicator



For installation in any set having AVC. 6-prong type requires 6E5 or 6G5 tube for 6.3V. sets; 2E5 for 2.5V. sets. 8-prong type requires a 6AD6G or 6AF6G. Easily installed—complete instructions.

K12486—6-prong K12645—8-prong  
Either Type **73c**  
All less tube, Each **15c**  
K12481—Extra bezel **15c**

## AMPHENOL Standard Tube Sockets



Type "A" is designed for general replacement work and has a steel adapter plate to fit mounting centers from 1 1/2" to 1 3/4". Type "B" is for new work and requires only a single 1 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.	Bakelite "A" Ea.	Bakelite "B" Ea.	Steatite "A" Stock No.	Ea.
4	K13057 7c	K13207 6 1/2c	K13194	24c
5	K13058 7c	K13208 6 1/2c	K13195	24c
6	K13059 7c	K13209 6 1/2c	K13196	24c
7S	K13061 7c	K13210 6 1/2c	K13197	24c
7L	K13060 7c	K13211 6 1/2c	K13198	29c
7C	K13056 9c	K13237 8c		
8	K13050 9c	K13212 8c	K13199	24c
9	K13041 11c	K13213 10c		
11	K13042 15c	K13214 14c		

### 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 5/8" except Raytheon (3/4"). Correct retainer ring supplied with socket.

For RCA Tubes		For Raytheon Tubes	
Designed for IS4, IS5, 1TA and 1R5.		For CK501, CK502, CK503, CK504.	
K13173—Black Bakelite. . . . . 10c		K11598—Black Bakelite. . . . . 10c	
K13172—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.	
K11542—Black Bakelite. . . . . 10c		K11599—Black Bakelite. . . . . 8c	

### Ceramic Sockets

Low loss. Top and sides glazed. Re-enforced springs. 2 1/2" long, 1 1/2" wide. Centers 1 3/4".



No. Prongs	Each	10 For
K13064 4	30c	\$2.70
K13065 5	30c	2.70
K13066 6	32c	2.85
K13067 7s	32c	2.85
K13068 8 octal	41c	3.70

### Wafer Sockets



Sturdily constructed of laminated Bakelite. Heavily-plated, self-aligning, floating one-piece contacts. Midgets have 1 1/2" centers; standard 1 1/4".

Standard Size		Midget Size	
Stock No.	Prongs	Stock No.	Prongs
K13070	Four	K13071	Six
K13078	Five	K13069	7, small
K13071	Six	K13074	7, large
K13078	Five		
K13071	Six		
K13069	7, small		
K13074	7, large		

Your Cost Ea. **5c**  
10 For... **45c**

### No. 12 EBY Sockets

Molded Bakelite. For sub or top of panel mount. Firm gripping positive contacts.



No. Prongs	Each
K13072 4	24c
K13073 5	27c
K13076 6	29c
K13077 7 L & S	
K13079 8 octal	

### Bulb Tester & Tube Socket

A standard 7-prong combination socket, as used in most tube testers, but with an additional large center contact for testing all miniature base bulbs such as used in flashlights, dial lights, etc. Center contact has pig tail for connection to heater contact and a soldering lug for connection to other heater contact thus making it possible to test bulbs with all voltages from 1.5 V. to highest supplied by transformer in tester. Easily installed in place of socket now used in your present tester. Two styles—with plate or with mounting ring. See illustration top of page.



K12646—with mounting ring. . . . . 25c  
K12647—with mounting plate. . . . . 26c

## AMPHENOL "MIP"

### "World's" Strongest Socket"



Molded from high-dielectric black bakelite, with molded-in plate for 1 1/2" mounting centers. Cannot come loose or rattle. Strong, dependable. Stock No. Prongs Your Cost Ea.

K13164	4	
K13165	5	
K13166	6	<b>6c</b>
K13167	7, small	
K13168	7, large	<b>7c</b>
K13169	8, octal	
K13223	9	9c
K13224	11	12c

### Midget "MIP" Octal

Smaller, more compact than above. Has 1 1/4" mtg. centers. Octal, 8 prongs, only. K13225—Your Cost Each **7c**  
K13243—"MIP" Loktal Type. Your Cost Each **10c**

### 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 1/4" hole—1 1/2" centers. K13170—Octal Your Cost Each **24c**  
K13160—Loktal Your Cost Each **27c**

### 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 1/2 x 1 1/4". 1 1/4" mounting centers.



No. Pr. Each	No. Pr. Each
K8496—4 36c	K8495—7 L 45c
K8497—5 39c	K8530—7 S 45c
K8498—6 42c	
K8532—8-Prong Octal	48c

### JOHNSON Sockets

Low-absorption porcelain material base. Heavy phosphor bronze contacts, cadmium-plated, with double filament springs. Heavy nicked brass shells.



K14160—UX base. **50c**  
Your Cost **50c**  
K14161—50 Watt base. **73c**  
Your Cost **73c**  
K14157—Giant 5-prong socket, for RCA 803, RK 28, etc. **\$1.47**  
Your Cost **\$1.47**

### Acorn Clips and Sockets

Acorn Socket—Made of genuine Mycalex, 1 1/2" square for 954 and 955 type tubes. Rugged spring contacts assure tight noiseless connections. K13171—Your Cost **59c**  
K13155—Special grid clip for 1861 tube. Each **3c**  
K13156—Complete socket and mount for 922 and 921 tubes. Your Cost **59c**

### SERVICEMANS SPECIAL



Molded socket. Replaces wafer types. Mounting centers 1 1/2". K13174—4 pr. **5c**  
K13176—5 pr. **5c**  
K13177—6 pr. **5c**  
K13178—7 pr. S. **5c**  
K13107—8 (octal) **25 for \$1.10**  
Quantity Limited.

# SWITCHES

## CENTRALAB "Positive" & "Spring Return" Switches



**Lever Action**  
Each switch supplied with knob. Plates available for mounting singly or in groups up to five.

Shorting Type	No. Poles	Pos.	Non-Shorting Type	No.
	2	3	Positive	K12799
	2	3	Spring	K12800
	4	2	Spring	K12802
	4	2	Positive	K12803
	2	3	Pos. & Spr.	K12806

Any Type Above, **59c**

### Mounting Plates

Black crackle finished steel.

No.	Gangs	Dimen.	Each
K12794	1	2 1/2 x 3 1/2"	12c
K12795	2	1 1/2 x 3 1/2"	18c
K12796	3	2 1/4 x 1 1/2"	21c
K12797	4	3 x 2 1/4"	26c
K12798	5	3 1/4 x 3"	29c



## CENTRALAB Tone Switches

### Rotary Action

All are shorting type; have 3/8" dia. bushing with 1/4" insulated steel

shaft, 2 1/4" long. No knobs or plates.

Stock No.	Description	Each
K12768*	S.P.	2 pos. 29c
K12769*	S.P.	3 pos. 29c
K12770*	D.P.	2 pos. 35c
K12820*	D.P.	3 pos. 44c
K12771†	S.P.	2 pos. 38c
K12772†	D.P.	2 pos. 44c
K12773†	4 P.	2 pos. 59c

\*—Pos. Action. †—Spring Return.

## Slide Lever Switches

Compact type with silver plated contacts. Rated 1 1/2 amps. at 110 v. 1 1/8 x 1 1/2"; centers 1 1/4".

No.	Type	Each
K12842	S.P.S.T.	12c
K12843	S.P.D.T.	13c
K12844	D.P.S.T.	14c

## Terminal Strips

Hi-quality bakelite terminal strips, 1/4" thick. Plain, no markings.

No.	Terminals	Each	10 For
K13145	2	6c	52c
K13123	3	7c	62c
K13112	4	10c	89c
K13113	6	15c	\$1.35

## Heavy Bakelite Strips

Screw and collar terminals mounted on 1/2" bakelite strips, 3/8" wide.

No.	Terminals	Each	10 For
K13140	2	10c	89c
K13141	3	13c	\$1.15
K13142	4	18c	1.60
K13143	5	21c	1.85
K13144	6	24c	2.15
K13230	7	29c	2.60
K13231	8	35c	3.15
K13232	9	40c	3.55
K13233	10	46c	4.00



## BAKELITE MOUNTING STRIPS

For mounting parts which are to be insulated from chassis. Tinned.

Stock No.	Lugs	Each	10 For
K13124	1	2c	18c
K13133	2	3c	27c
K13134	3	3c	27c
K13135	4	4c	36c
K13137	6	4c	36c

## CUTLER-HAMMER Switches

Cutler-Hammer Switches are approved by the Underwriters.



### Toggle Switches

Approved type with pickle 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	Your Cost, Each
K12836—1/2" Stem	21c
10 for	\$1.89
K12835—1" Stem	23c
10 for	\$2.05

Single Pole-Double Throw	Your Cost, Each
K12834—1/2" Stem	25c
10 for	\$2.25
Double Pole-Double Throw	Your Cost, Each
K12833—1/2" Stem	43c
10 for	\$3.85

Double Pole-Single Throw	Your Cost, Each
K12817—1/2" Stem	41c
10 for	\$3.69



## C-H Power Switches

Heavy duty types. Rated at 250 volts A.C. or D.C. Wiping contacts. 1 1/2" bushings.

No.	Type	Amps.	Ea.	10 for
K12813	S.P.S.T.	6	41c	\$3.69
K12814	D.P.S.T.	5	44c	3.95
K12815	S.P.S.T.	12	70c	6.30
K12816	D.P.S.T.	10	74c	6.65

## Precision Switches

Light pressure, quick action precision units. Require only 4 oz. pressure and .001" of movement to operate. Underwriters approved. Rated 15 amps. at 125 volts a.c.; 1/2 H.P. inductive loads at 125-460 v. a.c. Bakelite case 1 1/8 x 1 1/2 x 1 3/8" high. Screw terminals with lugs. Used for sorters, counters, float controls, etc.

No.	Type	Normal	Each
K12725	S.P.S.T.	Closed	90c
K12726	S.P.S.T.	Open	90c
K12727	S.P.D.T.		\$1.08

## Bakelite Knife Switches

Heavily plated metal parts, bakelite base. Single pole types 1 1/2" long; double pole 2 1/2".

Stock No.	Type	Your Cost
K16830	S.P.S.T.	41c
K16831	S.P.D.T.	46c
K16832	D.P.S.T.	54c
K16833	D.P.D.T.	62c
K16834	3-P.S.T.	86c
K16835	3-P.D.T.	95c
K16836	4-P.S.T.	1.08
K16837	4-P.D.T.	1.35

## Midget Knife Switches

Panel mounting. Have black Bakelite bases, plated metal parts. Single pole types 1 1/4" long, 1/2" wide; double pole 1 1/4" long, 1" wide. With mtg. nuts.

No.	Type	Each
K16842	S.P.S.T.	16c
K16843	S.P.D.T.	27c
K16845	D.P.S.T.	32c
K16844	D.P.D.T.	35c

## S.P.S.T. Toggle Switch



New design, fast acting s.p.s.t. toggle switch. Excellent for appliances, radio receivers, etc. Rated 3 amperes at 125 volts a.c. 3/8" bushing. Solder lug terminals.

K12837—	10 for	\$1.45
Your Cost Each		16c

## S.P.S.T. Slide Switch



Approved by Underwriters. Bakelite case, metal "on-off" plate. 6 amps., 125 v. Requires 1/4 x 1 1/2" hole.

K12841—	10 for	\$3.35
Your Cost		37c

## S.P.-3 Throw

Exposed type. Dead center position. 1/2" shaft, with hex. nut.

K12831—	10 for	\$4.15
Each		46c
Similar to above	10 for	\$3.98
Your Cost, Each		22c

## "On-Off" Switch Plates

For Toggle Switches. With locating projection. Marked "on" and "off".

K12818—	10 for	\$1.50
Your Cost Each		2c

## Centralab Momentary Push Switches



For many light duty applications such as meter insertion, test equipment, etc. Rated 1 amp. at 110 v. a.c. Silvered contacts. Insulated 3/8" bushing, 3/8" long. Button extends 1/8" from end of bushing. Available with contacts normally closed or open.

K12867—	Momentary closed	29c
K12862—	Momentary open	29c
Either Type, Each		29c

## Porcelain Base Knife Switches

Especially suitable for aerial and ground. Copper contacts and blades.

Stock No.	Type	Your Cost
K16820	S.P.S.T.	12c
K16821	S.P.D.T.	15c
K16822	D.P.S.T.	22c
K16823	D.P.D.T.	25c
K16825	3-P.D.T.	49c

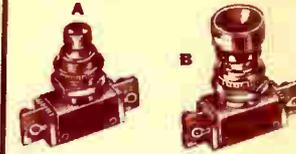
## Bracket Lug Strips



Lugs on 1/2" bakelite strip. 3/8" between centers. Heavy duty type. For mounting condensers, resistors and other radio parts. Lugs are tinned for easy soldering. In four popular sizes.

No.	Lugs	Each	10 For
K13031	3	8c	72c
K13032	4	9c	81c
K13033	5	11c	99c
K13034	6	14c	\$1.26

## H & H Two Circuit Push 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 1 1/2" dia., 3/8" long.

METAL PLUGGER (A)	Used on Supreme instruments and other popular makes.
K12774—	10 For \$2.85
Each	32c

BAKELITE TIP (A)	10 For
K12777—Red	\$3.15
K12778—Black	35c

BAKELITE BUTTON (B)	10 For
K12775—Red	\$3.69
K12776—Black	41c

## 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.	\$1.65
K12851	D.P.D.T.	
K12850	4-P.D.T.	

## Canopy Switch

Rotary type, composition top. Very shallow. Wire leads. Rated 6 amp. at 125 volts.

K13342	Each	12c
10 For		\$1.08

## 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.	21c	\$1.89
K12693	S.P.D.T.	25c	2.25
K12780	S.P.S.T.*	28c	2.50
K12781	D.P.S.T.	41c	3.69
K12782	D.P.S.T.*	46c	4.15
K12783	D.P.D.T.	44c	3.95
K12784	D.P.D.T.*	48c	4.30

\*Bushing extends 1". Others, 3/4".

## "Phono-Radio Plate"

Etched metal and black. 1 1/2" diam.

K9899—	Each	9c
--------	------	----

## 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" diam., 3/8" body depth; bushings are 3/8" diam. 1 1/2" shaft.

Stock No.	Description	Your Cost
K12845	S.P.—S.T.	29c
K12846	D.P.—S.T.	35c
K12847	S.P.—D.T.	35c
K12848	4-Wire, S.T.	35c

# 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.  
K13082—Junior Post Has 6-32 stud,  $\frac{1}{2}$ " long.  
Your Cost Each

K13083—Ensign Post Has 6-32 stud,  $\frac{3}{8}$ " long.  
Your Cost Each **13c**  
K13084—Commander Post Has 8-32 stud,  $\frac{1}{2}$ " long.  
Your Cost Each **15c**  
K13085—Junior Post Has 8-32 stud,  $\frac{1}{2}$ " long.  
Your Cost Each **24c**

## EBY Twin Post Units

Two posts molded into a Bakelite base.  
K13062—Your Cost **38c**  
As above, but with three posts.  
K13063—Your Cost **59c**

## Insulated Posts

Red or black composition top. Plated ferrule. Specify color. 10 For 72c  
K13163—Your Cost **8c**



## 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 \$1.50  
Your Cost Each **14c**

## Split Type Banana Plug

Insulated. Fit standard banana jacks. Set screw in barrel for solderless connection. Positive spring action. Plug  $\frac{1}{2}$ " long; overall  $1\frac{1}{8}$ ". Red or black; specify.  
K12902—Each **10c**  
10 For **90c**

## Spring Clamp Binding Post Assembly

Mounted on Bakelite strip  
2" long,  $\frac{1}{4}$ " wide. Centers  $1\frac{1}{8}$ ". Marked "Ant" and "Gnd".  
10 For \$1.35  
K13049—Your Cost **15c**

## Spring Clamp Binding Posts

Insulated top. Spring clamp holds wire. Overall length 1".  
K13046—Your Cost Each **6c**



## Test Lead Kit

In a convenient leatherette pocket case. Insulated fittings are provided for every type of testing. Equipped with one pair of test leads having 60" of red and black kinkless wire; one end has insulated phone tips, the other insulated removable banana plugs. Also includes: one pair insulated alligator clips; one pair insulated spade plugs; one pair insulated needle points (all 1-red, 1-black).  
K12861—Each **\$1.76**



## Cable Clamps

Heavy gauge steel. No. 6 mtg. hole. Plated.  
K14951— $\frac{1}{4}$ " cable. 4 For 3c  
K14952— $\frac{1}{2}$ " cable. 3 For 5c



## Insulated Tip Jacks



Have new type springs which provide sure grip contact. Mounts in  $\frac{3}{8}$ " hole. In red or black. Specify color.  
K12879—Each **8c**  
12 For **86c**

## Molded Bakelite Insulated Tip Jacks

Large diameter molded Bakelite heads take all phone tips. Phosphor bronze springs. With insulating washer.  
K12877—Red **10c** Each  
K12878—Black **10c** 10 For 90c



## Compact Tip Jack

Heavy contact spring. Mounts in a single  $\frac{1}{4}$ " hole.  
K12948—Your Cost **5c**  
12 For **52c**



## 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 1/2c**

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 **6c**



## Insulated Banana Jacks and Plugs

Plug has set screw for solderless wire connection. Jack fits  $\frac{1}{8}$ " hole and panels up to  $\frac{3}{8}$ " thick. Red or black insulation on both. Specify color desired.  
K12915—Plug 10 For 100 For  
Each **11c** 99c **59.40**  
K12916—Jack 10 For 100 For  
Each **9c** 81c **57.70**

## Midget Banana Plugs and Jacks

Insulated plug is 1" long and jack  $\frac{3}{8}$ ". Plain plug is  $\frac{1}{2}$ " long; jack is  $\frac{1}{2}$ " and fits  $\frac{1}{8}$ " hole up to  $\frac{3}{8}$ ". Insulated types available in red or black. Specify color desired.  
K12905—Plain jack **4 1/2c** each  
K12906—Plain plug **4 1/2c** each  
12 For **49c** 100 For **53.75**  
K12907—Insulated plug **6c** ea.  
K12908—Insulated jack **6c** ea.  
Per Dozen **57c**

## Standard Tip Plug

Fine Quality.  
K14881—10 For **16c**  
Per 100 **\$1.44**

## Plain Solderless Phone Tip Plugs

All metal tip plug for tip jack use. Solderless connection.  $\frac{1}{4}$ " long.  
K12943—12 For 75c  
Your Cost Each **7c**  
As above but  $\frac{1}{2}$ " long.  
K12944—12 For 65c  
Your Cost Each **6c**



## Plain Tip Jacks

For test equipment. Powerful spring.  $\frac{1}{4}$ " mounting hole.  
K12918—Your Cost **7c**  
Each **75c**  
12 For **75c**

## Combination Jack

New type, takes both phone tips and banana plugs. Fully insulated, with insulating washer. In red or black. Specify color desired.  
K12925—Your Cost Each **10c**  
12 For **95c**

## All Insulated Tip Jack

Countersunk  $\frac{1}{4}$ " d. head.  $\frac{3}{8}$ " overall. Fits  $\frac{3}{8}$ " hole. Bronze spring. Each  
K12934—Red **6c**  
K12935—Black **6c**  
10 For **52c**

## 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. **9c**  
K12914—Spade lug end. **9c**  
Each, Either Type **81c**  
10 For **81c**

## Plain Banana Jacks and Plugs

Plug is  $1\frac{1}{2}$ " long. Jack is  $\frac{1}{2}$ " long and fits  $\frac{1}{4}$ " hole in panels up to  $\frac{3}{8}$ " thick.  
K12919—Plug 10 For  
K12923—Jack 62c  
Your Cost Ea., Either Type **7c**  
100 For **\$5.60**

## Dual Circuit Plugs and Jacks

Dual circuit tip jack and plug hardly larger than the ordinary single circuit. Overall: plug— $1\frac{1}{2}$ " x  $\frac{3}{8}$ "; jack— $1\frac{1}{2}$ " x  $\frac{3}{8}$ ". Available in red or black.  
K12930—Red plug Any Type, Each  
K12931—Black plug **24c**  
K12932—Red jack **24c**  
K12933—Black jack **24c**  
10 For **\$2.20**

## Right Angle Tip Plugs

Streamlined plugs with set screw for solderless connections.  
K12937—(A) Specify red or black. Your Cost Each **16c**  
K12984—(B) Red. **24c**  
K12985—(B) Black. **24c**

## Solderless Insulated Phone Tip Plugs

Solderless type: fit all standard tip jacks. Used on test leads. In red or black; specify color.  
K12973— $1\frac{1}{2}$ " long prod. **10c**  
K12974— $1\frac{1}{2}$ " long. **10c**  
Per Dozen, Either Type **\$1.08**



## MALLORY 520 Series

Round Head Jacks  
Compact type. Insulated tops. Mount in  $\frac{1}{4}$ " hole. Panels up to  $\frac{3}{8}$ " thick.  
K6534—Red **12c** Each  
K6535—Black **12c**  
K6536—Yellow **12c**  
K6537—Green **12c**  
Per Pair, 1-red, 1-black. **22c**  
K6538—Your Cost **22c**



Insulated Tip Jack  
No. 420 Series—Bakelite. Phone tips nest all the way in jack. Mount in single  $\frac{1}{4}$ " hole. Each  
K6505—Red **12c**  
K6506—Black **12c**  
Per Pair, 1 red, 1 black. **24c**  
K6467—Your Cost **24c**



Shorting Type Twin Jacks  
Circuit is closed when the tips are removed. Red or Black.  
Specify color. No. 432.  
K13035—Your Cost **24c**  
10 For **\$2.16**

## Alligator Clips

Powerful grip. Ends take banana plugs. 2" clip is  $\frac{1}{4}$ " wide, 2 1/2" clip is  $\frac{1}{4}$ " wide. Steel non-rusting finish.  
No. Length Each 10 For  
K12955 2" 5c 45c  
K12956 2 1/2" 6c 52c  
Copper—with bronze spring. For RF work. Has set screw.  
No. Length Each 10 For  
K12947 2" 8c 68c

## 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 1/2" 11c \$0.99  
K12909 3 1/2" 13c 1.17  
K12949\* 2 1/2" 13c 1.17  
\*Copper—with bronze spring.

## Phono Needle Plug

Constructed so that the insulated sleeve will take a banana plug, and the prod itself will make positive contact with the banana plug. Tip holds phono needle (needles easily replaceable). Overall length  $1\frac{1}{4}$ ". Red or black; specify color.  
10 For 90c  
K12917—Each **10c**

## 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 **18c**

## Tip Jacks

Mounted on  $\frac{3}{8}$ " Bakelite. Contact springs grip cord tips securely.  
K13037—Double jack. Each **6c**  
10 For **54c**  
K13036—Triple jack **8c** 10 For **72c**  
Your Cost **8c**



FOR PHONE PLUGS AND PHONE JACKS PLEASE TURN TO PAGE 92.



# SET BUILDERS ACCESSORIES



## Steel Screws and Washers

10/32 oval head screws. The cup washer, also 10/32 is designed to match the screw head in appearance.

Stock No. Length 12 For  
**K14775** 1/2" 5c  
**K14776** 1" 7c  
**K14777**—Cup washer  
**Your Cost for 12** 6c  
**K14803**—10/32 x 3/4 nuts for above screws. **10c**  
**Envelope of 20** 10c  
**Per 100** 45c

**Brass Terminals**  
 Made of 1/16" brass. 1" high, 1/2" offset. Hole takes No. 10 screw. Carries 10 amps. Tinned.  
**K14778**—10 For **5c**

**BELDEN Terminal Assortment**  
 Contains 100 most popular solder terminals. For all servicing and set building requirements. In transparent container.  
**K14790**—Your Cost **38c**

**Angle Brackets With Tapped Holes**  
 Heavy gauge steel. One 8-32 tapped hole, one 5-32 plain hole.  
 Stock No. Size 10 For Each  
**K14909** 1/2 x 1/2" 20 For 2 1/2c  
**K14910** 1/2 x 3/8" 25c 3c  
**K14911** 1/2 x 3/4" 32c 3 1/2c

**Threaded Rods**  
 Ideal threaded rod for making your own long screws. Easily cut to any length. In 12" lengths.  
**K14913**—6-32 size. Per Lgth. 12c  
**K14914**—8-32 size. Per Lgth. 12c  
**K14918**—10-32 size. Per Lgth. 14c

**Mounting Lugs**  
 Of heavy plated steel. Hole in flat end for 6-32 screw; threaded end 6-32.  
**K14955**—**5c**  
**Per 10**  
**Your Cost Per 100** 35c

## Insulating Tubing

In natural smooth black. 1/16" thick wall.  
 Cut to your length, any size.

Stock No.	Out. Diam.	Per Foot	Per Inch
<b>K13150</b>	1"	56c	5c
<b>K13151</b>	1 1/2"	68c	6c
<b>K13152</b>	2"	80c	7c
<b>K13153</b>	2 1/2"	98c	9c
<b>K13154</b>	3"	\$1.29	12c
<b>Natural Tan</b>			
<b>K13129</b>	1/4"	39c	3 1/2c
<b>K13130</b>	1/2"	39c	3 1/2c
<b>K13131</b>	3/8"	45c	4c
<b>K13132</b>	1/2"	49c	4 1/2c

## FAHNESTOCK Clips

Type A, Screw Mount, Double Clip.  
 Type C, Screw Mount, Single Clip.

Stock No.	Type	Lgth.	Per Doz.	Per 100
<b>K14823</b>	C	1 3/4"	10c	38c
<b>K14824</b>	C	1"	12c	45c
<b>K14825</b>	A	1 1/2"	29c	\$1.10
<b>K14826</b>	A	1 3/4"	30c	\$1.15

**Split Lock Washers**  
**K14791** For No. 6 screws  
**K14792** For No. 8 screws  
**K14793** For No. 10 screws  
**Your Cost** 4c  
**For 25**

## 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.** 19c

**Rubber Insulated Clip**  
 Soft rubber outer covering. Each with approx. 12" lead.

No.	Type	Each
<b>K11620</b>	For 866, etc.	14c
<b>K11621</b>	Glass tubes...	8c
<b>K11622</b>	Metal tubes	8c

**MILLEN Grid Cap**  
 Insulantite covered grid cap, for transmitting tubes. Type 866 etc.

**K8055**—Type 36001  
**Your Cost Each** 21c

**Screen Grid Clips**  
 Miniature Clips for Metal Tubes. With wire ferrule.  
**K14985**—**Per Doz. 14c**  
**Your Cost Each** 2c

**For Glass Tubes**  
 For Standard Glass Tubes.  
**K14827**—12 For 100 For  
 Each 2c 14c 99c

**Friction Tape**  
 Highest quality. Kept fresh by tin-foil wrapper, and packed in individual boxes. Handy rolls.

**K14829**—2 Oz. Each 9c  
**K14842**—4 Oz. Each 15c  
**K14843**—8 Oz. Each 25c

## Rub-R-Shim

Strips of shock proof live sponge rubber. One side adhesive coated. 10-ft. rolls.

No.	W.xT.	Each	10 For
<b>K14861</b>	3/8x1/2"	26c	\$2.35
<b>K14862</b>	3/8x3/4"	30c	2.70
<b>K14863</b>	3/8x1"	40c	3.60

## NATIONAL Grid Clips

Type A. Easily removed. Tinned grip end for soldering. Long.

No.	Type	Tubes Dia.	Each
<b>K14434</b>	Stand. Glass	3/8"	3c
<b>K14565</b>	Metal (octal)	3/8"	3c
<b>K14441</b>	X'mitting*	3/8"	6c

\*—866, T20, 809, 812, etc.

Type B. Safety Grip of molded low-loss R-39. 3/4" dia. For 866, T20, 809, etc.

**K14597**—Each 24c  
 Like above, but ceramic. 24c  
**K14598**—Each 24c  
 As above, but ceramic and 3/8" dia. 21c  
**K14599**—Each 21c

## Universal Grid Cap

Makes perfect contact to any tube grid stud from 1/4" to 3/8". Spring brass contact spreads to accommodate the stud. Fits all metal and glass tubes. With 15" wired insulated lead.

**K11730**—Each 12c  
**K11731**—Unwired. Each 9c

## Snap Fastener Battery Terminals

Same as used for Ever-ready types 430, 435, 455, 467; Burgess type XX-45 midgeet batteries.

**K11732**—Set of 2 (1 male, 1 female). 10 sets for 25c.  
**Your Cost** 3c

## Scotch Tape

For insulating or binding radio parts. Hi-adhesive quality. Very flexible, easy to remove. 1/2 inch wide. 360 inches in roll.  
**K15039**—Your Cost 25c

We can supply you every radio requirement. Write for information on items not shown here.

## 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. All packed 10 to a box; clips are marked + and - (5 each), insulators 5 red and 5 black.

CLIPS					INSULATORS				
No.	Type	Size	Each	10 For	No.	Type	Each	10 For	
<b>K16029*</b>	45	1 1/2"	4c	\$0.32	<b>K16031</b>	47	8c	\$0.55	
<b>K16030†</b>	45C	1 1/2"	6c	.54	<b>K16031</b>	47	8c	.55	
<b>K16032*</b>	48B	2"	4c	.34	<b>K16033</b>	49	9c	.59	
<b>K16034‡</b>	24A	3"	8c	.68	<b>K16035</b>	26	19c	1.27	
<b>K16026*</b>	27	2 1/2"	8c	.68	<b>K16028</b>	29	12c	.82	
<b>K16027†</b>	27C	2 1/2"	13c	1.17	<b>K16028</b>	29	12c	.82	
<b>K16018‡</b>	17A	4"	13c	1.17	<b>K16019</b>	23	33c	2.25	

\* Cadmium plated steel. † Lead coated steel. ‡ Solid copper.

## No. 85T Mueller Crocodile Tip Clip

For connecting Bridges, Voltmeters, etc., or anything having binding posts with non-removable heads. Fine for test probes.

**K16023**—Your Cost Each 13c 10 For 94c  
 No. 85. As above, less phone tip. 5c 10 For 44c  
**K16020**—Your Cost Each 6c 10 For 36c  
 Rubber insulator for either of the above, No. 87

## MUELLER Wee-Pee-Wee Clip

Non-Ferrous R.F. Clip. Will not heat in high frequency circuits. Ideal for tapping coils. Length 1 1/16". Completely insulated with Red or Black jacket (specify color desired. No. 88-93)  
**K16022**—Your Cost Each 14c 10 For \$1.21

## 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 cap such as 24A, 01A, 26, etc.  
**K13262**—For ST-12 tubes without grid caps such as 27, 56, 41, 1H4G.  
**K13264**—For ST-12 tubes with grid cap such as 6C6, 57, 58, 75, 6A7, 6J7G, etc.  
**Any Type Above, Each** 6c  
 10 For 54c 100 For \$5.25

## 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 24c  
**Your Cost Each** 3c  
**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

## "Form-Fit" Shields

Smooth, seamless drawn walls assure a snug, positive fit on the tube. Vertical grooves provide flexible fit, and the shield automatically grounds to the tube base.

For GT tubes: 1.218" base.  
**K13256**—Open top.  
**K13257**—Closed top.  
 For GT/G tubes: 1.165" base.  
**K13246**—Open top.  
**K13247**—Closed top.  
 For Loktal Tubes:  
**K13247**—Closed top.  
 Each, Any Type Above 3c  
 10 For 25c

## Metal Tube Grip Cap Shields

For use with screen grid metal tubes.  
**K13217**—Ea. 9c  
 10 For 80c

## AMPHENOL Polystyrene Coil Form

For U.H.F. antenna, RF and oscillator coils. Mounts directly on wave-band switch, tuning condenser, etc. Drills easily. Size: 1 1/8" long, 3/8" dia. Raised hole in center, for self-tapping screw.  
**K11577**—Your Cost 9c

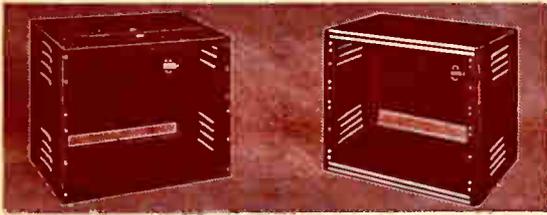
## Polystyrene Rods

Molded from pure polystyrene. 6" and 12" lengths for machining special coil forms and low loss parts.

**K8074**—3/4" dia. x 6" L. 11c  
**K8075**—3/8" dia. x 6" L. 13c  
**K8076**—3/4" dia. x 6" L. 23c  
**K8067**—3/4" dia. x 12" L. 21c  
**K8068**—3/8" dia. x 12" L. 24c  
**K8069**—3/4" dia. x 12" L. 45c

# RACKS · PANELS · CABINETS

## STEEL CABINETS FOR RACK PANELS



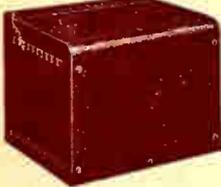
Heavy duty cabinets built of  $\frac{1}{4}$ " steel and finished in black ripple Standard and DeLux models. Standard models have square re-enforced corners; spot welded joints. DeLux models have neatly rounded corners and are decorated with attractive chromium trim. Both types are universally drilled to take all standard 19" rack panels. All have louvers and latch covers. All take chassis 13" deep. De Luxe 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 $\frac{1}{2}$ x19x13 $\frac{1}{2}$ "	8 $\frac{1}{2}$ x19"	Top Only	20 lbs.	55.08
K22070	12 $\frac{1}{2}$ x19x13 $\frac{1}{2}$ "	12 $\frac{1}{2}$ x19"	Top Only	27 lbs.	6.32
K22193	17 $\frac{1}{2}$ x19x13 $\frac{1}{2}$ "	17 $\frac{1}{2}$ x19"	Top & Rear	34 lbs.	9.41
K22192	26 $\frac{1}{2}$ x19x13 $\frac{1}{2}$ "	26 $\frac{1}{2}$ x19"	Rear Only	47 lbs.	10.29
K22190	35 x19x13 $\frac{1}{2}$ "	35x19"	Rear Only	55 lbs.	12.05

DE LUXE STEEL CABINETS					
Stock No.	Cabinet Dimensions	Panel Space	Door Location	Shpg. Wt.	Your Cost
K22188	10 $\frac{1}{2}$ x21x13 $\frac{1}{2}$ "	8 $\frac{1}{2}$ x19"	Top Only	22 lbs.	7.79
K22071	14 x21x13 $\frac{1}{2}$ "	12 $\frac{1}{2}$ x19"	Top Only	29 lbs.	9.41
K22191	19 $\frac{1}{2}$ x21x13 $\frac{1}{2}$ "	17 $\frac{1}{2}$ x19"	Top & Rear	34 lbs.	12.49
K22198	28 x21x13 $\frac{1}{2}$ "	26 $\frac{1}{2}$ x19"	Rear Only	69 lbs.	13.96
K22199	36 $\frac{1}{2}$ x21x13 $\frac{1}{2}$ "	35x19"	Rear Only	73 lbs.	15.88

## 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 $\frac{1}{2}$ x10 $\frac{1}{2}$ x8"	5 $\frac{1}{2}$ x9 $\frac{1}{2}$ x11 $\frac{1}{2}$ "	\$1.76
K22073	7 $\frac{1}{2}$ x8 $\frac{1}{2}$ "	7x7 $\frac{1}{2}$ "	2.06
K22074	7 $\frac{1}{2}$ x10 $\frac{1}{2}$ "	7x13 $\frac{1}{2}$ "	2.26
K22075	7 $\frac{1}{2}$ x14 $\frac{1}{2}$ "	10x14 $\frac{1}{2}$ "	3.53
K22076	9x15x10 $\frac{1}{2}$ "	10x17x3"	4.12
K22077	12x18x12"		

## De-Luxe Hinged Steel Cabinets



Attractive streamlined cabinets, with full length piano hinge and removable front panel. Ventilating louvers on sides. Finished in slate gray ripple enamel. All less chassis. Wts. same as above.

No.	H. L. D.	Panel	For Chassis	Each
K22087	8x10x8"	8x8"	7x 7 $\frac{1}{2}$ "	\$2.40
K22088	8x12x8"	8x10"	7x 9 $\frac{1}{2}$ "	2.65
K22089	8x16x8"	8x14"	7x13 $\frac{1}{2}$ "	3.50
K22090	9x17x11"	9x15"	10x14 $\frac{1}{2}$ "	4.95
K22091	12x20x12"	12x18"	10x17x3"	6.25

## Sloping Front Cabinets



Trimmed with red-striped 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	8x 8x 8"	7x 7 $\frac{1}{2}$ "	6 lbs.	\$3.25
K22093	8x10x 8"	7x 9 $\frac{1}{2}$ "	7 lbs.	3.65
K22094	8x14x 8"	7x13 $\frac{1}{2}$ "	8 lbs.	4.25
K22095	9x18x 8"	7x17x3"	10 lbs.	4.95
K22096	12x18x12"	10x17x3"	14 lbs.	6.50

## 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"	10x10x8"	8 lbs.	\$2.35
K22141	8"	12x12x7"	9 lbs.	2.94
K22142	10"	14x14x8"	15 lbs.	3.80
K22143	12"	16x16x8"	20 lbs.	5.05

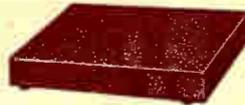
## Table Racks



$\frac{1}{4}$ " steel with black ripple finish. Mounting holes on 1 $\frac{1}{2}$ " centers, tapped for 10-32 screws. Both 20" wide and 12" deep. K22102—25" high. Panel space 21x19".

Shpg. wt.	Your Cost
33 lbs.	\$3.97
36 lbs.	\$5.15

## Heavy Duty Type $\frac{1}{16}$ " Steel Chassis With Bottom Cover Plates



One piece  $\frac{1}{16}$ " steel. All corners re-enforced. Ends drilled to fit standard mtg. bracket. All black wrinkle finish.

No.	W. L. D.	Lbs.	Each
K22155	8x17x2"	9	\$1.71
K22159	8x17x3"	10	1.91
K22231	11x17x2"	11	1.91
K22156	11x17x3"	12	2.06
K22230	13x17x2"	13	2.23
K22232	13x17x3"	14	2.44

## Standard Type Steel Chassis Bases



Stamped from one piece of No. 20 gauge cold rolled steel. Have four solid sides with welded corners. Bottom edges flanged in on four sides for additional reinforcement, and are drilled for bottom plates.

Stock No.	Size	Wt.	Your Cost
K22211	5 $\frac{1}{2}$ x9 $\frac{1}{2}$ x1 $\frac{1}{2}$ "	2	\$0.55
K22212	7x 7x2"	2	.65
K22213	7x 9x2"	2	.69
K22214	7x11x2"	3	.79
K22215	7x13x2"	3	.85
K22216	7x15x3"	4	.97
K22217	7x17x3"	4	.99
K22226	10x12x3"	4	1.03
K22227	10x17x3"	5	1.05

## $\frac{1}{16}$ " Steel Mtg. Brackets

Black Ripple Finish



Panels must be at least 7" high. Mounting holes drilled.

Stock No.	Size, Base	Per Pair
K15271	8"	\$0.56
K15272	11"	.82
K15269	13"	1.00

## Metal Chassis

### 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. \$6.75

## Heavy Steel Rack Panels, Black or Gray



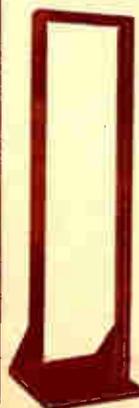
Heavy duty  $\frac{1}{4}$ " steel panels for all standard 19" racks. Available with either black ripple finish or with commercial slate gray. These panels don't collect dust—and they don't show finger marks. Available in 12 standard sizes to meet practically any requirement.

Black No.	Gray No.	Ht. In.	Wt. Lbs.	Your Cost
K22169	K22118	1 $\frac{1}{2}$ "	2	\$0.47
K22170	K22119	3 $\frac{1}{2}$ "	5	.53
K22171	K22120	5 $\frac{1}{2}$ "	7	.68
K22160	K22121	7"	8	.73
K22161	K22122	8 $\frac{1}{2}$ "	9	.88
K22162	K22123	10 $\frac{1}{2}$ "	10	1.09

Black No.	Gray No.	Ht. In.	Wt. Lbs.	Your Cost
K22163	K22124	12 $\frac{1}{2}$ "	12	\$1.29
K22164	K22125	14"	13	1.47
K22165	K22126	15 $\frac{1}{2}$ "	14	1.65
K22166	K22127	17 $\frac{1}{2}$ "	15	1.85
K22167	K22128	19 $\frac{1}{2}$ "	16	1.97
K22168	K22129	21"	17	2.23

## Steel Channel Racks



Built of  $\frac{1}{4}$ " 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.

Stock No.	Ht.	Wt.	Your Cost
K22150	73 $\frac{1}{2}$ "	85 lbs.	\$12.64
K22151	38 $\frac{1}{2}$ "	57 lbs.	\$10.29

## Enclosed Steel Racks

DeLux type, streamlined. Universally drilled for all standard panels. Stainless steel molding trimming at top and bottom. Finished in slate gray. (Black ripple available, specify on order). Panel width 19", 16 $\frac{1}{2}$ " 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 $\frac{1}{2}$ "	100	\$25.28
K22146	60 $\frac{1}{2}$ "	61 $\frac{1}{2}$ "	150	32.92
K22148	82 $\frac{1}{2}$ "	77"	175	39.68

# 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
K22178	4x4x2"	1 lb.	\$0.65
K22179	4x5x3"	2 lbs.	.69
K22180	6x6x6"	3 lbs.	.79
K22181	12x7x6"	5 lbs.	1.47
K22182	15x9x7"	10 lbs.	2.06



## 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.



Three types available: Ternplate is steel with lead plating; Electralloy is a non-magnetic zinc alloy; also in black wrinkle finish Ternplate.

## 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	5 1/2 x 6 x 5 1/2"	3 lbs.	\$0.73
K22175	5 x 9 x 6"	5 lbs.	1.25
K22173	8 x 10 x 7"	6 lbs.	1.59
K22176	8 x 10 x 10"	7 lbs.	1.95
K22177	11 x 12 x 8"	9 lbs.	2.10

Ternplate			Electralloy		Black	
L.	W.	H.	No.	Each	No.	Each
5	x	9 1/2	K22299	\$0.48	K22320	\$0.75
5 1/2	x	10	K22300	.57	K22321	.99
7	x	7	K22301	.52	K22322	.87
7	x	9	K22325	.57	K22331	.96
7	x	11	K22326	.60	K22332	1.05
7	x	12	K22302	.65	K22323	1.26
7	x	13	K22327	.67	K22333	1.20
7	x	12	K22303	.76	K22324	1.75
10	x	12	K22328	.75	K22324	1.79
10	x	14	K22304	.77	K22337	1.89
10	x	17	K22329	.90	K22335	1.95
10	x	23	K22330	.98	K22336	2.25
13	x	17	K22305	.99	K22338	2.35

## 1/8" Steel Panels



Made of 1/8" steel with black wrinkle finish. For all radio applications.

No.	Size	Wt.	Each
K22218	7x10"	2 lbs.	\$0.38
K22219	7x12"	2 lbs.	.43
K22220	7x14"	3 lbs.	.51
K22221	7x18"	4 lbs.	.68

## Bakelite Radio Panels

Fine grade black bakelite panels, 1/8" thick. Also suitable for test instruments, meters, etc.



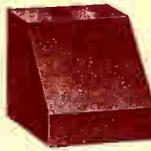
No.	Size	Wt.	Each
K19600	7x10"	3/4 lb.	85c
K19601	7x12"	1 lb.	\$1.05
K19602	7x14"	1 lb.	1.15
K19603	7x18"	1 lb.	1.45
K19604	7x21"	1 1/2 lbs.	1.75
K19605	7x24"	1 1/2 lbs.	1.95
K19608	7x30"	2 lbs.	2.45

## Amphenol "912-B" Strips

A synthetic resin having transparency greater than most glass and having good electrical insulation characteristics. Can be shaped (when heated), drilled, cut, etc. Very strong. In strips 12" long, 1/2" thick. For Coil supports, transmission line spreaders, trimmer bases, or binding post or tip jack mounting strips.

No.	Width	Your Cost
K8063	1 1/2"	16c
K8064	1 3/4"	21c
K8065	2"	24c
K8066	2 1/2"	30c

## Sloping Panel Steel Cabinets



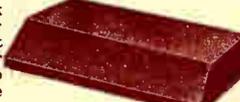
Streamlined cabinets with rounded corners. Compact and rugged. For use as speaker cabinets, oscillator cases, monitors, tele-talk systems, small receivers, etc. Both have marine gray ripple finish.



K22097—(left) 4 1/2 x 4 1/2 x 4 1/2". Shpg. wt. 2 lbs. Your Cost . \$1.12  
K22098—(right) 7 1/2 x 4 1/2 x 4 1/2". Shpg. wt. 5 lbs. Your Cost . \$2.06

## Sloping Front Steel Chassis

Heavy duty steel chassis finished in black ripple enamel. Have sloping front for mounting instruments, etc. Give the effect of a beautiful open cabinet receiver or amplifier unit when used without top covers. All sizes are 3 1/2" high and have 4" slope front. Three popular sizes.



No.	Top of Base	Bottom of Base	Wt., Lbs.	Your Cost
K22099	7x17"	10x17"	4	\$1.76
K22100	10x14"	13x14"	4	1.94
K22101	10x17"	13x17"	5	2.20

## MASONITE Radio and Relay Rack Panels



Tempered Masonite, non-magnetic, sturdy yet easily worked with ordinary woodworking tools. All panels 1/2" thick, finished in Black Ripple. Relay Rack panels have amateur Standard notching.



Stock No.	Rack Panels	Each	Stock No.	Radio Panels	Each
K22277	7 x 19"	70c	K22280	7x10"	38c
K22284	8 3/4 x 19"	86c	K22281	7x12"	42c
K22285	10 3/4 x 19"	97c	K22282	7x14"	48c
K22286	12 1/4 x 19"	\$1.08	K22283	7x18"	65c

## MILLEN Quartz "Q" Sheet



For panels, condenser mtg., insulation, etc. Drills and cuts rapidly. Quartz "Q" is a highly polymerized styrene having remarkable low R.F. loss and high resistance to voltage breakdown. Size: 3x8 1/2"; 1/10" thick.

K8024—Millen No. 55001.  
Your Cost Each

45c

## GREENLEE Punches

Driven by screw action, this handy tool quickly cuts clean accurate holes for sockets, plugs, etc., in radio chassis. Only necessary to drill 3/8" or 1/2" hole to fit 3/8" or 1/2" cap screw; 5/8" or larger hole to fit 5/8" cap screw. Each size tool consists of the metal and cap screw. Shpg. wt. 2 lbs.



K15131—1/2" Complete	
K15132—3/4" Complete	\$1.72
Either Above, Each	
K15135—Screw for 1/4" and 3/8" Punches. Each	20c
K15136—1" Complete	\$1.88
K15138—1 1/2" Complete	
K15139—1 3/4" Complete	
K15140—1 1/2" Complete	
K15141—1 1/4" Complete	
Any Above, Each	\$2.00
K15142—1 1/2" Complete	\$2.28
K15143—1 3/4" Complete	\$2.56
K15118—Screw for 1" to 1 1/2" inclusive. Each	20c
K15146—2 1/4" Complete	\$4.96
K15147—Screw for 2 1/4" Punch	40c

## Chrome Handles

A beautiful adornment for any cabinet, amplifier chassis, transmitter, etc. Furnished complete with mounting screws. Available in two popular sizes. Shpg. wt. 1 lb.



K14562—4" long, with two red stripes. 1 1/4" wide; centers 2 3/4"	
K14563—5 1/2" long, 3/4" wide. Centers 4 1/4". All chrome.	
Either Type, Each	35c

## Standard Amplifier Foundation



Streamlined amplifier chassis and covers, with new decorative grille-type ventilators. Chassis stamped from one piece cold-rolled steel, finished in black

ripple. Covers are 6" deep and slate gray, presenting a contrasting two-tone effect. Chassis are drilled for bottom plates, not supplied (see listing on page 104).

Stock No.	Size	Shpg. Wt.	Your Cost
K22132	5x10x3"	9 lbs.	\$1.62
K22133	6x14x3"	10 lbs.	1.88
K22135	7x17x3"	11 lbs.	2.35
K22136	10x12x3"	11 lbs.	2.35
K22137	10x17x3"	13 lbs.	2.85

## 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); see listing on page 104.

Stock No.	Size	Shpg. Wt.	Each
K22183	5x10x3"	9 lbs.	\$2.50
K22184	6x14x3"	10 lbs.	2.94
K22185	7x17x3"	11 lbs.	3.38
K22186	10x12x3"	11 lbs.	3.38
K22187	10x17x3"	13 lbs.	4.03

## Sloping Chassis Units

Deluxe steel amplifier units with sloping fronts on chassis bases. Bases equipped with chrome trimmed handles; top covers have beautiful chrome plated



"air gate" ventilators with red striped chrome trim. Ventilating louvers on sides and back. Raised screen openings on top, with red striped chrome molding. Rounded corners. Marine gray ripple finish. All have 4" slope; bases 3 1/2" high.

No.	Overall	Bottom	Wt., Lbs.	Each
K22131	7x17x9 1/2"	10x17"	11	\$4.85
K22134	10x14x9 1/2"	13x14"	11	5.44
K22147	10x17x9 1/2"	13x17"	11	5.88

We Will Not Knowingly Be Undersold

### Tapered Lugs

Fits over all screws up to No. 10; shank fits banana plugs. 1 1/4" long, 1/2" wide. Cut for easy soldering.

K12954 Per Dozen **32c**



### Wing Nuts

Sturdy, well made. Have numerous uses.



Stock No.	Thread	Each
K12926	6-32	<b>3c</b>
K12927	8-32	
K12928	10-32	
K12929	1/4-20	
Per 100 (assorted)		

### Escutcheon Pins

Antique finish—1/4" long. For fastening all types of escutcheons or nameplates.

K14811—Per 100 **14c**

### Escutcheon Screws

Round head, antique finish, 1/2" long. Fits any type escutcheon.

K14934—No. 2 size **39c**

### Knob Set Screws

These headless set screws are case hardened. For radio knobs, couplings, etc.

K14786 1/4"x6-32 **15c**  
K14788 1/4"x6-32 **15c**  
Any Size Above, **15c**  
10 For **1.60**  
50 For **65c**

### Bumper Feet

These felt feet have a standard 6-P.K. screw inserted in the metal part that holds the felt in place. Width 1/4" overall.

K14757—Your Cost Each **2c**  
10 For **19c**  
For 50 **89c**  
For 100 **\$1.60**

### 1/4" Metal Spacers

For raising components above chassis or away from panel.

pass. Nos.	Height	For	Lots of	Each
4, 6 and 8			100	
K9868	1/4"	21c	100	\$1.89
K9869	1/2"	25c	100	2.30
K9870	3/4"	29c	100	2.70
K9871	1"	33c	100	3.10

### Locking Washers

K14758—To pass No. 6 screw.  
K14759—To pass No. 8 screw.

Either Type Envelopes of 25 **6c**  
100 For **20c**

### Insulating Washers

Of fibre. Used for metal panel and chassis mounting of parts.

Stock No.	Shoulder Type		Per 10	Per 100
	O.D.	I.D.		
K15020	1"	3/4"	8c	72c
K15021	1 1/4"	1"	7c	62c
K15022	1 1/2"	1 1/4"	6c	52c
K15023	1 3/4"	1 1/2"	6c	52c
K15025	2"	1 3/4"	6c	52c
K15026	2 1/4"	2"	5c	45c
K15030	1 1/4"	1"	7c	62c
K15031	1 1/2"	1 1/4"	7c	62c
K15032	1 3/4"	1 1/2"	5c	45c
K15036	2"	1 3/4"	5c	45c
K15037	2 1/4"	2"	5c	45c

### Ornamental Top Antique Finished Machine Screws

No.	Size	Lgth.	Doz.	100 Lots
K14680	6-32	1 1/2"	5c	36c
K14681	6-32	1"	6c	45c
K14682	6-32	1 1/4"	7c	52c

# 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, Any Jar **32c**  
5 Jars for **\$1.44**  
K14675—Jar only **7c**



### Round Head Machine 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 1/2" long
K14660	50	10-32 x 3/4" long

### P-K Tap Screws (C)

No.	Quantity	Size
K14665	50	4 x 1/4"
K14666	50	No. 6 x 1/4"
K14667	45	No. 6 x 3/8"
K14668	40	No. 7 x 1/4"
K14669	35	No. 10 x 1/4"
K14670	45	No. 10 x 3/8"

### Hexagon 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)

No.	Quantity	Size
K14671	150	#6 Plain
K14672	150	#8 Plain
K14673	100	#6 Shakeproof
K14674	100	#8 Shakeproof

## "100 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. **\$1.19**  
Your Cost per Box **\$1.19**

### Right Angle Brackets



Made of heavy metal strip; width is 3/4". Very sturdy.

Stock No.	Size	Your Cost Ea.	For 10
K14895	1/2" x 1/2"	1c	9c
K14896	3/8" x 3/8"	2c	15c
K14897	1" x 1"	2 1/2c	19c
K14898	1 1/4" x 1 1/4"	3c	25c
K14899	1 1/2" x 1 1/2"	3 1/2c	32c

### 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"	10c	60c
K14766	3/8"	1/2"	16c	65c
K14768	1/2"	5/8"	22c	70c
K14769	3/4"	1"	24c	75c

### Colored Grommets

Hard insulating composition; with knurled nut; in red or black. For instruments, etc.



Stock No.	Color	Hole	Inside Diam.	L.	Your Cost Each
K14688	Red	1/4"	3/8"	3/8"	7c
K14689	Black	1/4"	3/8"	3/8"	7c
K14690	Red	3/8"	1/2"	3/8"	7 1/2c
K14691	Black	3/8"	1/2"	3/8"	7 1/2c
K14692	Red	1/2"	5/8"	3/8"	10c
K14693	Black	1/2"	5/8"	3/8"	10c
K14694	Red	3/4"	1"	3/8"	10c
K14695	Black	3/4"	1"	3/8"	10c

### Soldering Lugs



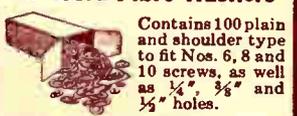
K14812—No. 1. **\$2.20**  
K14814—No. 3, solderless type.  
K14816—No. 4, 3/4" long.  
K14818—No. 5, 1" long.  
Your Cost per 100, **24c**  
Any Type Lug **24c**

### Rubber Grommet Kits



Available in two assortments—kit "A" contains 12 assorted grommets in 4 sizes—1/4" to 3/4". Kit "B" contains 30 assorted grommets in 4 standard sizes—1/4" to 3/4".  
K14794—Assort. "A" **15c**  
Your Cost **15c**  
K14795—Assort. "B" **27c**  
Your Cost **27c**

### 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. **27c**  
Your Cost Per Box **27c**

### 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. **27c**  
Your Cost **27c**

### Assorted Brackets



Box of 28 of the most popular angles and brackets used in radio. Made of heavy metal.  
K14838—Your Cost **27c**

## 160 Piece Set Builder's Hardware Assortment

Contains: 20 each 6-32x1/2", 6-32x3/4", 10 6-32x1" screws; 50 6-32 nuts, 10 lugs, 50 lockwashers.



K14830 Per Kit **35c**

## High Quality Machine Screws

Stock No.	Length	Doz.	Gross
K14750	1 1/2"	4c	32c
K14751	3/4"	5c	36c
K14752	1"	5c	42c
K14753	1 1/4"	5c	55c
K14754	1 1/2"	6c	65c
<b>8-32 Round Head Screws</b>			
K14755	1 1/2"	5c	50c
K14756	3/4"	6c	65c
<b>6-32 Flat Head Machine Screws</b>			
K14760	1 1/2"	4c	32c
K14761	1"	5c	38c
K14762	3/4"	5c	50c
K14763	1"	5c	55c
K14764	1 1/4"	6c	65c

### Metal Utility Rack



Stand with four handy shelves that will hold 36 hardware jars. 12" H., 16" W., 8" D. Shpg. wt. 4 lbs. **\$2.79**  
K22354—Your Cost **\$2.79**

### Battery Clips

Good quality spring clip. Heavy plated steel body. Strong spring.



K16060	1 1/2" long.	<b>3c</b>
10 For 25c.	Each	
K16061	2" long.	<b>3c</b>
10 For 28c.	Each	
K16062	2 1/2" long.	<b>5c</b>
10 For 42c.	Each	
K16063	3 1/2" long.	<b>6c</b>
10 For 55c.	Each	

### Round Head Wood Screws

Stock No.	Size	Length	Doz.	Gr.
K14780	4	3/8"	4c	40c
K14781	5	1/2"	5c	50c
K14782	5	3/4"	6c	60c
K14783	5	1"	8c	80c

### Hex Nuts, Knurled Nuts, & Washers, Popular Sizes

K14804	6-32x1/4" hex. nuts.	<b>5c</b>
Envelope of 20; Net		<b>19c</b>
Per 100.		
K14805	8-32x1/4" hex. nuts.	<b>5c</b>
Envelope of 20; Net		<b>20c</b>
Per 100.		
K14806	6-32x3/8" hex. nuts.	<b>5c</b>
Envelope of 15; Net		<b>25c</b>
Per 100.		
K14807	8-32x3/8" hex. nuts.	<b>5c</b>
Envelope of 15; Net		<b>25c</b>
Per 100.		
K14803	10-32x3/4" hex. nuts.	<b>10c</b>
Envelope of 20; Net		<b>45c</b>
Per 100.		
K14808	6-32x1 1/2" knurled nuts.	<b>10c</b>
Envelope of 6; Net		<b>\$1.35</b>
Per 100.		
K14809	No. 6 washers.	<b>5c</b>
Envelope of 25; Net		<b>19c</b>
Per 100.		
K14810	No. 8 washers.	<b>5c</b>
Envelope of 25; Net		<b>19c</b>
Per 100.		

### Heavy Duty Spade Lugs

For battery terminals, etc., 1" long. No. 10 slot. 100 for 69c.  
K14912—Your Cost per 10 **8c**

# ★ Belden ★ THE WORLD'S FINEST RADIO and ELECTRICAL WIRE ★

## Special P.A. and Inter-Comm. Cables

### Twisted Pair

For inside use. Each conductor No. 22 stranded, tinned. Cotton wrap, color coded cotton braid waxed, twisted pairs cabled. Outer braid coated with cable paint.

Stock No.	Conductors	Out. Dia.	Per 100 Ft. Ft.	For
K20905*	2	.120"	1 1/2¢	\$1.20
K20906	10	.275"	9¢	7.15
K20907	14	.340"	12 1/2¢	10.04

\*—20 gauge; no outer braid

### Shielded Pair

For inside use. Twisted pair of No. 19 solid, double enameled, cotton wrap, color coded braid waxed, overall bare copper shield. Two conductors. .145" O.D. Shpg. wt. 3 lbs. per 100 ft.

K20911—Per Foot. **3¢**  
100 Ft. \$2.18 500 Ft. \$10.23

### Single Shield

For inside or outside use. Tinned copper shield on one conductor. Twisted pair of No. 19 solid tinned, with 1/2" rubber, color coded cotton braid waxed, cabled with fillers, cotton braid, water-proofed.

Stock No.	Conductors	Out. Dia.	Per 100 Ft. Ft.	For
K20912	2*	.300"	5¢	\$3.93
K20913	3†	.330"	6¢	4.80

\*—1 plain, 1 shielded  
†—2 plain, 1 shielded

*Belden Copper Aerial Wire is available where orders carry a priority. Prices on request.*

## BELDEN Flexible Crystal Mike Cable



Type 8403 particularly suited for tough jobs because of its high insulation resistance under moisture conditions, and greater resistance to bending and flexing. Type 8431, for phono pickups, has overall cotton braid.

Stock No.	Type	Out. Dia.	Cap. Per 100 Ft. Mfd. Ft.	For
K20847	8400	.215"	29	6¢ \$5.08
K20844	8401	.245"	25	7¢ 5.43
K20937	8403	.245"	33	6¢ 5.12
K20843	8421	.250"	44	5 1/2¢ 4.32
K20858	8411	.155"	35	5¢ 3.69
K20848	8431	.160"	55	5¢ 2.90
K20854*	8402	.270"	32	10¢ 7.97

\*—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.

Stock No.	Cond.	O.D.	Ft. 100 Ft.	For
K20876	2	.280"	6 1/2¢	\$5.32
K20845	3	.280"	8¢	6.18
K20877	4	.325"	9¢	7.60

### Unshielded Cable

Like above, but #18 gauge, no shield.

Stock No.	Cond.	O.D.	Ft. 100 Ft.	For
K20910	2	.245"	4¢	\$2.95
K20880	3	.265"	5¢	3.77
K20881	4	.260"	6¢	4.84
K20882	5	.320"	7¢	6.03

## Shielded Auto-Radio Lead-In Wire

No. 20 stranded conductor (10x30 tinned) with special low capacity rubber sheath and overall shield. Max. cap. between conductor and shield 33 mfd. Overall dia. .230".

K20883—100-ft. For. \$4.11 Per Foot. **5¢**  
As above, but with rubber sheath overall. .290" O.D. **7¢**  
K20884—100-ft. For. \$5.44 Per Foot.

## 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. **13¢**  
100 ft. \$10.53

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. **8¢**

K20935—Per Foot. **8¢**  
100 ft. \$6.32



### 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. 14 stranded (19x28) tinned, low loss rubber compound tinned copper shield, tough vulcanized rubber sheath, .460" O.D.

K20936—Per Ft. **15¢**  
Per 50 Ft. \$5.95

## 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.

500 Foot Spool **\$16.89**  
K16162

### Commercial Twisted Pair

22 (7x30 tinned) paper wrap. .022" rubber. Weatherproof overall Black braid. For commercial broadcast receivers. **\$7.06**  
K16171—500-ft.spool

### 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.

500 Foot Spool **\$9.15**  
K16174

### "EO-1" Type Cable

12 solid cellophane wrap. .035" rubber, twisted pair, weatherproof overall cotton braid. Carries up to 2000 watts.

K20887—Per Ft. **5¢** 100 Ft. \$3.93



## 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.

K16222—Four 25-ft. coils No. 20 solid, in container. **64¢**  
Your Cost **81¢**

K16220—Four 25-ft. coils No. 20 stranded, in container. **81¢**  
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\* .19¢  
K16068—25-ft. spool† .21¢  
K16080—100-ft. spool\* .59¢  
K16081—100-ft. spool† .66¢  
K16067—1000-ft. spool\* .55.2¢  
K16069—1000-ft. spool† .56.00

Following in red or black only. Similar to above; No. 14 gauge.  
K16158—25-ft. spool† .32¢  
K16082—100-ft. spool† .11.12  
\* Solid. † Stranded.

## 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. Solid .22¢  
K16261—25-ft. Stranded .23¢  
K16259—100-ft. Solid .66¢  
K16262—100-ft. Stranded .73¢

## 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\* .16¢  
K16269—25-ft. coil† .17 1/2¢  
K16266—100-ft. spool\* .71¢  
K16279—100-ft. spool† .76¢

Following lengths supplied in red or black only.  
K16270—1000-ft. spool\* .56.60  
K16271—1000-ft. spool† .56.13  
\* Solid. † Stranded.

## R-F Hook-Up Wire

100 Foot Spools. Insulation resistance is 49,000 megohms. Tinned copper with two specially treated cellulose acetate braids. Colors: green, blue, black, red and yellow. Specify color when ordering.

K16247—#20 Solid .78 1/2¢  
K16248—#20 Stranded .85¢  
K16204—#18 Solid .86 1/2¢  
K16205—#18 Stranded .96 1/2¢  
K16264—#16 Solid .51.03  
K16265—#16 Stranded .110

## Television Hook-Up Wire

No. 18 stranded covered with special rubber compound (O.D. .200") with Pyroglaze seal and white Fiberglass braid. Puncture voltage 15,000. Adequate protection against corona and heat. For all H.V. circuits.

K16267—Per Ft. **10¢**  
25 Ft. for. **\$1.50**

## 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. .106".

K16294—Per Ft. **2¢**  
Per 100-Ft. \$1.59

## Indoor Aerial Wire



Extra flexible No. 23 (20x36) double wrap of brown cotton. Belden No. 8015. On card. **7 1/2¢**  
K16124—18-ft. \$2.40  
K16127—1000-ft. spool .22.40

### 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. **16 1/2¢**  
K16128—25-ft. \$4.96  
K16132—1000-ft. spool .24.96

## Belden Litz Wire

For rewinding antenna primaries and for r.f. coils up to 30 Mc.

K16144—100-ft. spool 7x41 Beldenamel. **13 1/2¢**  
K16143—100-ft. spool 10x41 Beldenamel. **15¢**

## Test Prod Lead Wire

Flexible No. 18 wire (65x36) tinned copper. Cotton wrap. 1/4" rubber wall. Two 7 ft. lengths red and black (14-ft. total) parallel wound on spool.

K16336—Two 7-ft. lengths. **32¢**  
Your Cost per Spool . . . . .  
K16337—Red or Black (Specify).  
Your Cost per 100 Feet. . . . . \$1.47

## 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	\$1.88
K16224B	8213	20	1000	3.58
K16227A	8200†	18	100	.53
K16227B	8200	18	500	2.31
K16226A	8201†	16	50	.38
K16226B	8201	16	100	.82
K16226C	8201	16	500	2.91

Diam.—\* .100" † .126" ‡ .136"

## 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 \$3.83  
Your Cost per Foot . . . . . **5¢**

No. 14 gauge. .027" rubber wall (19x27). 100 Ft. for \$3.09  
K16218—Your Cost per Ft. **4¢**

No. 16 gauge. .022" rubber wall. (19x29). 100 Ft. for \$2.54  
K16219—Your Cost per Ft. **3¢**

**We Will Not Knowingly Be Undersold**



# HOOK-UP and MAGNET WIRE



## Metal Shielded Wire

Shielded with a seamless copper tube. Absolutely moisture-proof and remarkably strong. No. 22 conductor. Hi-voltage insulation. In 5-foot lengths only.

K16183—one wire..... 75c  
K16184—two wire..... 95c  
K16185—three wire..... \$1.05

## No. 14 Tinned Solid Copper Push-Back Wire

Designed for heavy-duty work in power amplifiers, transmitters, etc. Cotton wrapper with heavy lacquer insulating material and final layer of impregnated cotton braid. High breakdown voltage.

25-Foot Coils  
K16341—Black K16339—Red  
Your Cost, Per Coil..... **39¢**

100-Foot Coils  
K16348—Black K16346—Red  
Your Cost, Per Coil..... **\$1.55**

## 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 \$1.55), Per Coil..... **17¢**

50-Foot Coils  
K16358—Red K16360—Black  
K16359—Green K16361—Yellow  
Your Cost (10 For \$2.75), Per Coil..... **31¢**

100-Foot Coils  
K16366—Red K16368—Black  
K16367—Green K16369—Yellow  
Your Cost (10 For \$5.55), Per Coil..... **62¢**

1000-Foot Spools  
K16374—Red K16376—Black  
K16375—Green K16377—Yellow  
Your Cost, Per Spool..... \$4.95

### 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 \$1.70), Per Coil..... **19¢**

50-Foot Coils  
K16362—Red K16364—Black  
K16363—Green K16365—Yellow  
Your Cost (10 For \$3.25), Per Coil..... **36¢**

100-Foot Coils  
K16370—Red K16372—Black  
K16371—Green K16373—Yellow  
Your Cost (10 For \$6.45), Per Coil..... **72¢**

1000-Foot Spools  
K16378—Red K16380—Black  
K16379—Green K16381—Yellow  
Your Cost, Per Spool..... \$5.75

## 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 19¢ 5 For 85c  
K16274—Green

1000-Foot Spools  
K16108—Red Your Cost Each  
K16109—Black \$5.95  
K16110—Green

No. 16 RUBBER COVERED  
K16280—Black K16281—Red  
50 Ft. 100 Ft. 500 Ft.  
Your Cost 62c \$1.18 \$5.29

Stranded No. 14 Gauge  
K16121—Black K16120—Red  
25 Ft. 50 Ft. 100 Ft.  
Your Cost 45c 85c \$1.55

Stranded No. 12 Gauge  
K16122—Black K16123—Red  
25 Ft. 50 Ft. 100 Ft.  
Your Cost 75c \$1.45 \$2.59

## 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>39¢</b>
16	.07318	K16601	31	K16615	38	
18	.1164	K16602	40	K16616	40	
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

Economical 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	25	<b>20¢</b>	
16	K16501	33	K16515	25	K16529	40		
18	K16502	42	K16516	31	K16530	48		
20	K16503	60	K16517	42	K16531	85		
22	K16504	81	K16518	60	K16532	133		
24	K16505	110	K16519	80	K16533	200		
26	K16506	148	K16520	101	K16534	292		
28	K16507	168	K16521	109	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		

## Extruded Plastic Tubing

10,000 V. di-electric strength. Will not support combustion. Resistant to petroleum solvents, acid alkalis and soldering temperatures. May be bent over A.S.T.M. specification mandrel after heating at 220° for 150 hours. All are 3-foot lengths.

Size #16 10 for  
K16186—Black  
K16187—Yellow/7c ea. **63¢**

Size #12 10 for  
K16188—Black  
K16189—Red 7 1/2c ea.  
K16190—Yellow  
K16191—Green **67¢**

Size #8 10 for  
K16192—Black  
K16193—Yellow/19c ea. **\$1.70**

## 8-Yard Spools of Spaghetti

High grade varnished cambric tubing. 5000 V. di-electric strength. 8-yard lengths on fibre spools.



Takes a No. 12 wire.  
K15951—Red K15952—Green  
K15954—Yellow K15955—Black  
Takes a No. 14 wire.  
K15750—Red K15752—Green  
K15751—Yellow K15753—Black  
Any Above Sizes  
Per 8-Yard Spool..... **59¢**

Takes a No. 18 wire—12 yard spool only.  
K15754—Black  
Per 12-Yard Spool..... **59¢**

## FINEST GRADE MAGNET WIRE



We are fortunate in still being able to offer this fine quality magnet wire at these low prices. Due to present conditions, however, we must reserve the right to change prices without notice.

### PLAIN ENAMELED

Stock No.	Size B&S	Ft. Per Lb.	Your Cost Per Lb.	1/4 Lb.	1/2 Lb.
K20950	16	125	18c	33c	
K20951	18	202	18c	33c	
K20952	20	319	20c	34c	
K20953	22	506	23c	35c	
K20954	24	804	23c	37c	
K20955	26	1280	25c	45c	
K20956	28	2030	27c	47c	
K20957	30	3220	30c	53c	
K20958	32	5100	33c	57c	
K20959	34	8080	36c	66c	
K20960	36	12800	44c	77c	
K20961	38	20300	58c	90c	

### Spaghetti Tubing

Highest grade cambric tubing. Red, yellow, green and black. #12. K15960—Specify Color  
Per 30-Inch Length..... **6¢**  
Your Cost 10 Lengths..... 53c

## DOUBLE SILK COVERED

Stock No.	Size B&S	Ft. Per Lb.	Your Cost Per Lb.	1/4 Lb.	1/2 Lb.
K20962	18	199	\$0.36	\$0.66	
K20963	20	314	.40	.78	
K20964	22	494	.46	.90	
K20965	24	778	.55	1.07	
K20966	26	1220	.68	1.31	
K20967	28	1910	.85	1.64	
K20968	30	2960	1.10	2.13	
K20969	32	4570	1.39	2.70	
K20970	34	6980	1.76	3.33	
K20971	36	10500	2.16	4.11	

### DOUBLE COTTON

Stock No.	Size B&S	Ft. Per Lb.	Your Cost Per Lb.	1/4 Lb.	1/2 Lb.
K20973	16	122	\$0.21	\$0.36	
K20974	18	192	.21	.38	
K20975	20	298	.24	.44	
K20976	22	464	.28	.49	
K20977	24	711	.32	.58	
K20978	26	1080	.37	.69	
K20979	28	1630	.45	.84	
K20980	30	2420	.52	.99	
K20981	32	3500	.64	1.23	
K20982	34	4920	.92	1.73	
K20983	36	6660	1.26	2.40	

### ROUND TINNED COPPER BUS BAR

No. 14—2-FOOT LENGTHS  
10 Lgths. 100 Lgths.  
K15965—Your Cost..... **14¢ \$1.27**  
NOTE: Wire prices are affected by conditions of metal markets, therefore all wire prices are subject to change without notice.

## GIANT SLEEVING

No. 2 spaghetti. Inside diameter—3/8". Length—36". Heavily impregnated with hi-voltage oil varnish. In black only.  
K15956—10 for \$1.25  
Per Length..... **15¢**

## BATTERY CABLE

A high grade, heavily insulated cable with each lead a different color for easy identification.

Stock No.	No. Wires	Per Ft.	Per 100 Ft.
K16089	3	3c	\$2.70
K16090	4	3 1/2c	3.15
K16091	5	4c	3.60
K16092	6	4 1/2c	4.05
K16093	7	5c	4.50
K16094	8	6c	5.40
K16095	9	6 1/2c	5.85
K16096	10	7 1/2c	6.75

## BELL WIRE

An excellent grade of No. 18  
K16338—1/2 lb. roll  
Your Cost..... 35c  
K16051—25 ft. roll  
Your Cost..... **12¢**



# Fixture Wire and Accessories

## Appliance Elements



Fit 90% of the standard appliances.  
**K13270**—Flatiron element. Each... **27¢**  
 10 for... **\$2.45**  
**K13304**—Cone shaped heater element. **25¢**  
 Each... **\$2.25**  
**K13305**—Straight heater element. Each... **36¢**. 10 for... **\$3.15**

## Cord Switch



**K13275**—**19¢**  
 Each... **\$1.75**  
 10 for...

## Push Button



Pearl button. General purpose.  
**K12830**—Each **12¢**  
 12 for... **\$1.30**

## Outlet Box Receptacles



Fit the standard outlet boxes. Approved by the underwriters. Shpg. wt. 1 lb.  
**K13328**—Single. Your Cost Each... **9¢**  
**K13329**—Double. Each... **10¢**

## 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. **5¢**  
 Your Cost Each... **23¢**  
 6 for...

## Single Outlet



Screws into the base-board. Easy to use and install. 10 for... **70¢**  
**K13312**—Your Cost Each **8¢**

## Cube Tap

Bakelite. Three outlets from 1 plug.  
**K13282**—Your Cost Each **6 1/2¢**  
 12 for... **70¢**



## Current Tap

Straight socket combined with two cap outlets.  
**K13278**—Your Cost Each... **12¢**  
 10 for... **\$1.08**



## Parallel All Rubber Lamp Cord



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 **2¢**  
 Per Ft. 100 Ft. 500 Ft. **\$1.75 \$7.85**

## 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... **2¢**  
 100 Ft. \$1.85 500 Ft. \$8.80  
 20 Gauge—1/4" Wall  
**K20839**—Maroon **K20841**—Brown  
**K20840**—Old Gold Your Cost, Per Foot... **1 1/2¢**  
 100 Ft. \$1.15 500 Ft. \$5.15

## 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.  
**\$1.20 \$2.95 \$11.75**

## Telephone Wire



For general use and inter-communication phones. 2-Conductor No. 19 Gauge.  
**K20895**—100 Ft. 500 Ft. 1000 Ft.  
 Your Cost \$2.25 \$10.50 \$19.95  
**K20896**—3-Conductor #19  
 Your Cost \$2.75 \$12.95 \$23.25

## Heavy Rubber Cord



The thick belt of flexible rubber that covers the conductor is made of smooth oil-resisting, abrasion proof, high quality rubber.  
 Stock No. Size Ft. Per 100 Ft.  
**K20945** 18—2-wire 3 1/2" **\$3.15**  
**K20946** 16—2-wire 4" **3.75**  
**K20947** 14—2-wire 10" **8.95**  
**K20948** 18—3-wire 4" **3.60**

## 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 3/8" 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 1/2", Mtg. ctrs.—1 1/4", (D) diam.—2 1/4", height—1 1/4".

### PLAIN (A)

No.	Poles	Type	Each
<b>K11502</b>	2	Receptacle	<b>15¢</b>
<b>K11503</b>	2	Standard Plug	
<b>K11624</b>	2	Polarized Plug	<b>21¢</b>
<b>K11625</b>	3	Receptacle	
<b>K11626</b>	3	Polarized Plug	

### FLUSH (C)

No.	Poles	Type	Each
<b>K11504</b>	2	Receptacle	<b>24¢</b>
<b>K11505</b>	2	Standard Plug	
<b>K11635</b>	2	Polarized Plug	

### SURFACE TYPE (D)

No.	Poles	Type	Each
<b>K11637</b>	2	Receptacle	<b>21¢</b>
<b>K11638</b>	2	Standard Plug	
<b>K11639</b>	2	Polarized Plug	

## AMPHENOL Coaxial Cable Connectors



Shells made of brass with polished chrome plating. Insulation is pure Polystyrene. Cable opening takes cables up to 1/4" dia.; may be reamed out to fit cables to 3/8" O.D.  
**K16706**—(A) Male connector with coupling ring. No. 93-M.  
**K16707**—(B) Female connector with coupling thread. No. 93-F. Either Above, **88¢**  
**K16708**—(C) Chassis connector with ring. No. 93-C. **73¢**  
 Your Cost Each...

## Cable End Terminal



Connects coaxial cable to open wire. 2" long, 3/4" dia.  
**K16709**—Each **88¢**

## Terminal Cap

Made of Amphenol "912". 1/2" high, 1 1/2" dia. Fits end terminal.  
**K16710**—Each **35¢**



## 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 1/4".  
**K17118**—#72-12 Your Cost, Per Foot... **29¢**  
 Like above, but with No. 22 stranded copper wire core. Dia. 1/2". #76-22S. **29¢**  
**K17119**—Per Foot... **29¢**

## AMPHENOL Coaxial Cable Beads



Transparent ultra-low loss polystyrene beads 1/4" diam. for coaxial cables, photocell transmissions, lead-ins, etc. 1/4" hole. String 28 beads per foot.  
**K16795**—#73 **\$1.47**  
 Box of 250 Beads...  
**K16794**—#73-1, as above but 1/4" diameter. String 35 beads per foot. 500 to a box. Shpg. wt. 1 lb. Your Cost **\$2.65**  
 Per Box of 500...

## AMPHENOL Shielded Plugs

Fully shielded cable type 2 pole plugs and receptacles. Take up to 1/2" cables. Dia. 1 1/4". Unbreakable metal caps.



**WITH CLAMP (A)**  
 No. Description  
**K11546**—Receptacle  
**K11545**—Standard Plug  
**K11647**—Polarized Plug  
 Your Cost  
 Any Above, Each... **24¢**  
**SIDE OUTLET (B)**  
**K11548**—Receptacle  
**K11547**—Standard Plug  
**K11650**—Polarized Plug  
 Your Cost  
 Any Above, Each... **21¢**  
**END OUTLET (C)**  
**K11651**—Receptacle  
**K11652**—Standard Plug  
**K11653**—Polarized Plug  
 Your Cost  
 Any Above, Each... **21¢**



## Handle Plug

Handle plug made of soft rubber. For all appliances. 10 for 45¢  
**K13301**—Your Cost Each... **5¢**



## Bakelite Handle Plug

Genuine Bakelite with handle grip. Prevents pulling out wires. Sturdy prongs.  
**K13281**—Each... **4¢**  
 25 for... **90¢**  
 Same as the above, but without the handle grip.  
**K13306**—Each... **3¢**  
 12 for... **32¢** Per 100... **\$2.60**

## Cord Connectors

Take standard male plug. 1 1/2" diameter.  
**K13300**—Rubber. 10 for **\$1.70**  
 Each... **19¢**  
**K13299**—As above but with handle. 2 1/2" overall. 10 for **\$1.70**. Each... **19¢**  
**K13298**—Same as **K13300** but made of bakelite. 10 for 80¢ Each... **9¢**



## Midget Cord Connector

Flat 2-piece type, Underwriter's listed.  
**K13276**—10 for **\$1.45**  
 Each... **16¢**



We Will Not Knowingly Be Undersold

# AERIAL KITS & ACCESSORIES

## 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	\$0.20	\$1.90	\$4.65
K16042	7/24	.28	2.50	6.60
K16043	7/22	.41	3.90	9.55

### Bare Stranded—100-Ft. Coils

K16113	7/26	.26	2.45	6.10
K16114	7/24	.38	3.60	8.80
K16115	7/22	.54	5.10	12.50

### Enameled Stranded—75 Ft. Coils

K16044	7/24	40	3.80	9.30
K16045	7/22	58	5.50	14.20

### Enameled Stranded—100 Ft. Coils

K16116	7/24	.53	5.05	12.35
K16117	7/22	.76	7.25	17.70

### Solid Enameled—100 Ft. Coils

K16118	No. 14	.66	6.25	15.35
K16119	No. 12	.97	9.25	22.55
K16120	No. 10	1.28	12.15	29.80

## No. 18 Lead-In Wire



Solid tinned copper. 31 rubber easy-strip insulation. For lead-ins, ground leads or aerials. Shpg. wt. Specify length when ordering.

K16200	—25 Ft.	50 Ft.	100 Ft.
Single Coil	15c	25c	47c
Lots of 10	\$1.35	\$2.25	\$4.25

**K16217—1000-ft. spool Your Cost \$4.50**

## 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 12c**  
**K16167—100-ft. Coil 45c**



## Transmission Cable



Consists of twisted rubber-covered conductors covered by a black waterproof cotton outer braid. Shpg. wt. (100 ft.), 4 lbs.

**K17152—100-ft. coil \$1.39 Your Cost**  
**K17184—500-ft. coil \$6.74 Your Cost**

## Shielded Lead-In and Hook-Up Wire



A 10-strand wire covered with live rubber, a waxed cotton braid and a woven, tinned shield.

**K16240—Per Ft. 50 Ft. 100 Ft. Your Cost 2c 90c \$1.60**

## 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. Quantities limited.

**K16330—100-ft. coil 49c Per Coil**  
**K16331—250-ft. coil 95c**  
**K16332—500-ft. coil \$1.70**

## A.C.-D.C. Aerial Wire

Made especially for use with a.c.-d.c. midgets. Stranded conductor, rubber insulation. Quantities are limited.

**K16130—In 25-ft. rolls 12c Your Cost, Per Roll**  
**10 Rolls For \$1.08**  
**K16131—250-ft. Roll 69c Your Cost**



## Plated Ground Rods



Used wherever a pipe ground is not available. Heavy steel yoke for head, 1/4" heavy plated steel.

No.	Feet	Each	Per 10
K17187	4	28c	\$2.65
K17188	6	41c	3.90

## "Grip" Ground Clamp

Makes a vise-like grip on pipe. Sharp-pointed screw makes perfect contact. Heavily plated.



**K17105—Your Cost 3 1/2c Each**  
**10 For 28c**  
**100 For \$2.50**

## Pipe Strips



Broad copper clamp adjustable to fit any size pipe up to 2" in diameter. Has clip for attaching ground lead.

**K17102—Your Cost Each 3c**  
**10 For 25c**  
**100 For \$2.25**

## Insulated Staples



For holding inside lead-in and ground wires in place. No. 5, Size 1/4 x 3/8" long. **K15950—100 For 10c**

## 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 10c**  
Per 10 89c



**Single 12" 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. **10 For 10c**  
**K15962—Ivory 8c**  
**K15963—Brown 8c**



## Wood Head Tacks

Standard upholstery tacks, 3/4" long. **100 For K15957—White 17c**  
**K15961—Brown 17c**



## Aerial Insulators



Dependable 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	No.	Size	Each	10 For	100 For
K16972	A	3"	3c	24c	\$2.16	
K16986	A	7"	3 1/2c	31c	2.79	
K16977	B	2"	3c	22c	1.92	
K16802	C	2 1/2"	3c	22c	1.92	

## Glass Insulators

Special tempered glass, unaffected by heat or cold. High tensile strength. Ridged. **K16849—2 3/4" long. Your Cost Each 2 1/2c**  
**Lots of 100 \$2.15**  
**K16850—3" long. Your Cost Each 3c**  
**10 For 25c**  
**K16851—3 3/4" long. Your Cost Each 5c**  
**100 For \$2.25**

## ELECTRIC FENCE Insulators

For attaching wire to fence without kinking. **K15682—Each 6c**  
**100 For \$5.25**

## Glazed Porcelain Insulators

For insulating wire from posts. (A) **K15680—4 For 5c**  
**100 For 95c**

For insulating on corner posts. (B) **K15681—Each 2 1/2c**  
**100 For \$2.00**

**Kit: Contains 50-type A; 4-type B. With leather washers. K15683—Your Cost 63c**



## Fasteners

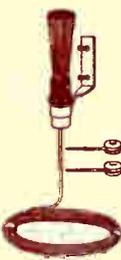
Fastens wire quickly and easily to post-insulators. Made of heavy galvanized wire. Clip only. **K15671—Box of 100 32c**

## Aerial Tension Spring

Consists of 2 hooks with porcelain rings interconnected with a powerful spring. Wt. 1 lb. **K16487—Your Cost 39c**



## 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. t. stranded lead-in. Wt. 3 lbs.

**K16475—Your Cost \$3.55**

## 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 82c**  
**DUPLEX TYPE: Same as above, but for use with sets having doublet antennas. K16701—Your Cost \$1.15**

## Arrester for Doublets

An approved arrester for the doublet type of antenna. Air-gap type, insulated from ground. Porcelain case. **10 For \$1.70**  
**K16950—Your Cost Ea. 19c**



## Porcelain Arrester

Housed in brown glazed porcelain; approved. With brass screw terminals. 1 x 1 1/4 x 3 1/4" overall. **K16753—Your Cost Ea. 10c**  
**10 For 90c**  
**100 For \$8.15**



## 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 aerials. Connects to end of single wire antenna. (Use in conjunction with receiver coupler listed below; connect with twisted pair.) **Built-in lightning arrester. Wt. 2 lbs. No. 9849 \$1.15**  
**K16791—Your Cost \$1.15**

## RCA Receiver Coupler

For use with above antenna coupler. Same units as used with RCA Magic Wave Antenna System on page 111. **RCA Part No. 9813. K16788—Each \$1.47**

## 3-Purpose Tuner



Can be used as aerial eliminator, wave trap or antenna tuner. As eliminator it does away with outside wires; as wave trap it separates interfering stations and improves selectivity; as antenna tuner it strengthens signals. Wt. 2 lbs. **K12678—Each 81c**

## A.C.-D.C. Power Antenna

Picks up signals through power line and filters them. Use with any set. Plug into 110 volt a.c. or d.c. line. **Wt. 1 lb. K16473—Each 89c**



# ALL-WAVE AERIAL KITS

## All-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 complete—ready to install. Lightning arrester built into antenna coupling unit. Transmission line can be run under ground if desired. Shpg. wt. 5 lbs.

- K16790**—Complete Kit for one receiver. **Your Cost** (RCA No. 9812)..... **\$3.50**  
**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. **Your Cost**..... **\$2.32**  
**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**

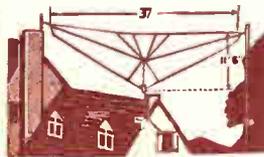
## Vertical Home Antenna



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.

**K21824**—**Your Cost**..... **\$3.10**

## RCA "Spider Web" All-Wave Antenna



Antenna assembled. An overseas communications type antenna for your home. Comprised of a series of doublet antennas and an improved transmission line to the receiver. Requires only 38 feet horizontal and 12 feet vertical clearance. Coverage 120 to 23,000 kc. (13 to 2142 meters). Full instructions furnished. Shpg. wt. 7 lbs.

- K17135**—Spider Web Kit No. 9685 **Your Cost**..... **\$5.26**  
**High Frequency Kit:** Increase range to 70,000 kc. (4 meters). Shpg. wt. 1 lb. **Your Cost**..... **88c**  
**K17136**—RCA No. 9689. **Your Cost**..... **88c**

## LAFAYETTE Aerials

Easy to install. Provide the nearest approach to freedom from man made static. Operate on all a.c. or a.c.-d.c. receivers, and require no lightning arrester. Rigid rust-proof elements extend to 9 feet. Patented rotary base assembly permits mounting in any position. Supplied with 37 1/2 foot transmission line (may be increased without affecting impedance match). Shpg. wt. 5 lbs.

- Broadcast Model:** maximum efficiency in range from 500 to 1700 kc (includes high fidelity stations). **K20447**—**Your Cost**..... **\$4.85**  
**All-Wave Model:** Range from 500 kc to 25 mc (600-12 meters). **K20448**—**Your Cost**..... **\$5.59**

## 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, improves short-wave and broadcast reception on new or old sets. 4-sections, 12 ft. long when extended. Made of Admiralty metal, heavily plated. Supplied complete with a single adjustable bracket, stand-off insulator, 40 ft. lead-in wire and mtg. screws. Instructions included.

Shpg. wt. 4 lbs. **K21822**—Each..... **\$3.95**

## "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 midsets. Size 8 1/2 x 6 1/2 x 1 1/4". Full instructions included. Shpg. wt. 2 lbs.

**K16452**—**Your Cost**..... **\$1.34**

## Lafayette DeLuxe Aerial Kit



A scientifically designed antenna kit that will operate with all broadcast and short-wave receivers—offered at an unusually low price. Fully licensed under Amy, Aceves and King patents. The kit comes completely factory assembled, ready for installation. Comprises the following equipment: two 30-foot coils of No. 7/24 bare copper aerial wire; 50-feet of No. 22 braided transmission line cable; two 3" glass insulators; one duplex lead-in strip; one "C" type ground clamp; 10-feet of No. 20 ground wire; one antenna transformer in porcelain case; one receiver coupler; one 6" insulator; two nail-knobs; complete instructions. Shpg. wt. 5 lbs.

**K16486**—Complete Deluxe Kit **Your Cost**..... **\$2.55**

## 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. **K16476**—**Your Cost**..... **99c**

### ECONOMY AERIAL KIT

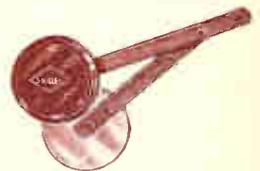
Contents: 90 ft. 7/27 stranded aerial wire, 25 ft. rubber covered lead-in, lead-in strip, ground clamp, 2-nail-it knobs and 2-porcelain insulators. Shpg. wt. 2 lbs. **K16478**—**Your Cost**..... **69c**

## Antenna Loops for Midsets and Portables

Ideal for battery and midset sets or portables. Replaces antenna coil; gives satisfactory pickup and excellent selectivity. Inductance slightly higher than necessary, permitting removal of turns for adjustment. 4 1/2 x 8". **K16450**—**Your Cost**..... **48c**  
**K16451**—Size: 7 1/2 x 9 1/2". **Your Cost Each**..... **51c**



## SICKLES "Check-A-Loop"



With nearly all the late type receivers using a loop of some kind this simple new test unit will receive a wide welcome by servicemen. An extremely handy device for checking the tracking of loop antenna, now used in practically all modern receivers. Has metallic disc at one end and special high permeability material at other. Mounted on folding metal bar which snaps into position. For high and low frequency alignments. Supplied complete with instructions. Wt. 2 lbs. **K10473**—**Your Cost**..... **\$1.05**

### NOTE

During the present emergency, we must reserve the right to substitute like quality and make price changes without notice, wherever and whenever necessary.

## 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 450 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**

Aerials especially designed for use with Frequency Modulation receivers and converters will be found listed on page 9. We can supply any aerial equipment not shown; prices on request.



# QUALITY TOOLS



## Phillips Recessed Head Screw Drivers

Many sets now use this type of screw requiring this new model driver. Sturdy sure-grip wood handles. Shpg. wt. 1 lb.

Stock No.	Size No.	Length Ins.	Your Cost
K15251	up to 4	6 3/4"	24c
K15252	5 to 9	8 3/4"	27c
K15253	10 to 16	11 3/4"	31c

## 11-Piece Radio Socket Wrench Kit



6 1/2" wood handle. 4" ell, 3 3/4" extension adapter, 1/4", 3/16", 1/8", 3/32", 1/16", 1/32" hexagon sockets, 3/8" round knurled socket, and 1/2" and 3/4" square sockets. Steel box. **89c**  
K14949—Your Cost.....

## 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. **23c**  
K14949—Your Cost Each

## WireStripper



Tempered steel cutting edge. Wt. 1 lb. **12c**  
K15044—Your Cost.....

## XCELITE Nut Drivers

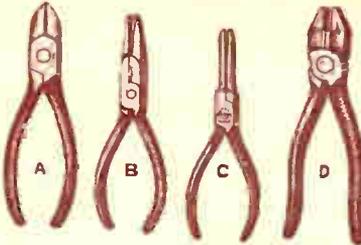


**Shockproof—Unbreakable**  
Genuine transparent amber XCELITE handles—will protect against 5000 volts. Sockets truly formed. Tempered and fully finished. Deep enough to handle two nuts at once. Overall length 6".  
K15330—For 3/4" hex nut.  
K15328—For 7/8" hex nut.  
K15331—For 1" hex nut.  
K15332—For 1 1/8" hex nut.  
K15333—For 1 1/4" hex nut.  
K15334—For 1 1/2" hex nut.  
Any Above Type—**42c**  
Your Cost, Each  
K15335—For 1 3/8" hex nut.  
K15336—For 1 1/2" hex nut.  
Either Above, **54c**  
Your Cost, Each

**Hollow Shaft Type**  
Invaluable for installing and removing volume controls and other panel equipment. Permits removal of 5" long screws.  
K15344—For 1/2" hex nut. . . . 69c  
K15329—For 3/8" hex nut. . . . 78c  
K15306—5 Driver mounting rack. Your Cost. . . . 18c  
K15307—7 Driver mounting rack. Your Cost. . . . 21c

## 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 1/2" \$1.13  
K14944 5 1/2" 1.31  
K14943 7 1/2" 1.65

### Long Nose Pliers

B—For the hard to get at places. Side cutting blade will stay sharp.  
No. Length Your Cost  
K14946 5" \$1.20  
K14945 6" 1.28  
K14947 7" 1.43

### 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— **\$1.31**  
Your Cost.....

### Electrician's Cutters

"K" Series (D)  
Modified electrician's pliers with fitted lap joint, hardened cutters.  
No. Length Your Cost  
K14935 6 1/2" \$0.90  
K14936 8" 1.13

## HEX-NUT Socket Wrenches

### Straight and Offset Types

Firm grip, ribbed wooden handles. Heavily 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)	Size 6" Straight (B)	Size 9" Straight (C)
3/16" K15206	3/16" K15203	3/16" K15209
1/8" K15207	1/8" K15051	1/8" K15107
3/16" K15208	3/16" K15052	3/16" K15109
1/4" K15212	1/4" K15053	1/4" K15108
5/16" K15213	5/16" K15054	5/16" K15110
3/8" K15214	3/8" K15204	3/8" K15210

K15215—Set of 6 \$1.08 | K15205—Set of 6 92c | K15211—Set of 6 \$1.08

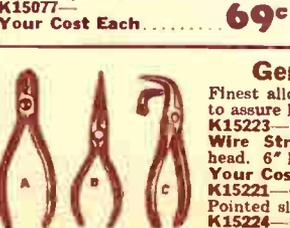
## 8-Piece Radio Socket Set



Contains six hexagon sockets, 1/4", 3/8", 1/2", 5/8", 3/4", and 7/8", with 3/8" round knurled socket for thumb nuts and 6 1/2" spinner type handle. All 1/2" hexagon drive. **49c**  
K15111—Your Cost.....

## UTICA Pliers with 4 Wire-Cutters

One of the finest buys we have ever offered. This fine tool is made 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—**69c**  
Your Cost Each.....



## Combination Tacker and Stapling Machine



A quick, handy tacker that is exceptionally convenient for tacking on grille cloth, attaching light wire or spaghetti, labels, etc. In addition to its use as a tacker it can also be used as a regular office or home stapling machine for clipping papers, receipts, checks, etc. Precision built, of steel with fine black finish. Complete with 100 staples. **59c**  
K15280—Your Cost.....  
K15281—Box of 1000 Staples. .25c

## Genuine KLEIN Pliers

Finest alloy tool steel. Individually tempered to assure long-life cutting edges.  
K15223—(A) Oblique Cutting Pliers with Wire Stripping Notch. Lap joint; narrow head. 6" long. Shpg. wt. 3 lbs. **\$2.60**  
Your Cost.....  
K15221—(B) Long Nose Side Cutting Pliers. Pointed slender nose—sharp cutters. 6" long.  
K15224—(C) Long Curved Nose Pliers. Very useful in close quarters. 6" long. **\$2.75**  
Your Cost Either Above, Each.....



## 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. **44c**  
K15261—Your Cost.....



## Neon-Light

**Screw Drivers**  
Quality screw drivers with neon lamp built into amber Pyroxiilin handle. For R.F. and spark plugs. K15348—4 1/4" long. Each . . . 24c  
K15349—7" long. Each . . . 59c

## Flexible Screwdriver



Strong, unbreakable, flexible shaft and insulated movable screw locater finds slots of screws. 8 3/4".  
K15062— **\$1.03**  
Your Cost.....

## "RHINO" Screwdrivers with Amberlite Handles

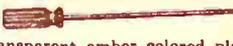


Finest screwdrivers, for electrician's use. **Chrome-Vanadium blade** over half-way into Shock-proof Amberlite handle.  
K15345—3x3/16" blade. Ea. . . . 28c  
K15346—6x1/16" blade. Ea. . . . 40c  
K15347—8x1/16" blade. Ea. . . . 45c

## Phillips Offset Screwdriver

A very handy alloy steel offset screwdriver. One end for Phillips No. 1 size; other end for Phillips No. 2 size.  
K15255— **35c**  
Each.....

## 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 1/4x4" 35c  
K15325 1/4x6" 35c  
K15326 1/4x8" 39c

## Rivet-O-Punch Tool



Makes Solderless Lugs, Etc.  
A handy tool. Fastens eyelets in leather, fibre, paper or canvas. With box of brass eyelets. **59c**  
K15046—Your Cost.....  
K15047—Box of 150 eyelets. .11c

## VACO "Amberly" Pocket Screwdrivers



Transparent amber colored plastic handles. Tool steel blades; shock-proof construction. 3" long with pocket clip. **15c**  
K15323—Each.....

## "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 2x3/4" 23c  
K14721 4x1 1/2" 43c  
K14722 10x1 1/2" 46c

# SERVICE & HOME WORKSHOP *Necessities*

## 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. or 8-oz. sizes.

- Wrinkle Lacquer (Crystal)**  
2 oz. 8 oz.
- |            |       |            |
|------------|-------|------------|
| No. Each   | Color | No. Each   |
| K15259 24c | Black | K15309 73c |
| K15319 24c | Gray  | K15387 73c |
| K15320 24c | Brown | K15388 73c |
| K15380 27c | Red   | K15389 73c |
- Wrinkle (Varnish) Finish**
- |            |       |            |
|------------|-------|------------|
| K15381 27c | Black | K15390 73c |
| K15382 27c | Red   | K15391 73c |
| K15383 27c | Gray  | K15392 73c |
- Telephone (Smooth) Finish**
- |            |       |            |
|------------|-------|------------|
| K15384 21c | Black | K15393 62c |
| K15385 21c | Gray  | K15394 62c |
- Chrome-Like Finish**
- |            |        |            |
|------------|--------|------------|
| K15386 21c | Chrome | K15395 56c |
|------------|--------|------------|

## 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.

**WALSCO Contact Cleaning Fluid**

Prepared to clean tuning condenser springs, volume controls, band switches, etc. Prevents future corrosion of contacts. With brush. 2-oz. bottle.

K15377—Each... **21c**

## "WALSCOLUB B" Lubricant

New chemical that eliminates noise on band switches, controls, and other air exposed contacts. Superior to graphite. In a dispenser tube.

K15378—Your Cost... **26c**

## 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.

K14704—Your Cost... **\$3.95**

## 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 marred panels, cabinets and chassis. Shpg. wt. 3 lbs.

K14705—Your Cost... **90c**

## KESTER Solder



Will not spatter. Preferred by servicemen and other large users. Flux in core. The aluminum solder is the flux-filled type and is furnished with cleaning material and instructions. 1/2" diameter.



	<b>Rosin Core</b>	<b>Acid Core</b>	<b>Alum. Solder</b>
Per Tin	K14857 \$0.17	K14878 \$0.17	K14876 \$0.17
1 lb. Spool	K14858 .64	K14877 .64	K14845 1.96
5 lb. Spool	K14859 3.00	K14879 3.00	

**KESTER Thin-Core Solder:** Rosin core. Dia. 1/4".  
K14851—1 lb. Spool... 67c K14852—5 lb. Spool... \$3.15

## Solder Paste, Flux and Tinning Bar

**NOKORODE Paste (top):** Non-corrosive paste. Fluxes all metals except aluminum without corroding or discoloring. Insures perfect soldered joint. Very economical to use.

K15277—Per Can, Your Cost... **10c**

**KESTER Paste Flux (center):** Non-corrosive. For clean, solid connections. In handy two-ounce can.

K15278—Your Cost Each... **12c**

**KESTER Tinning Block (bottom):** Cleans and tins soldering irons speedily. Easy to use. In handy 1/4 pound bar.

K14875—Your Cost Each... **15c**



## NOKORODE Core Solder

Made of virgin tin and lead. Superior paste used for flux. No. 10 gauge. Approximately 1 1/2 ounces.

K14882—Your Cost... **7c**



## "RAPID" Electroplaters

Small portable electroplating outfits for home or workshop. Easy to use. For replating jewelry, utensils, radio parts, etc. Each kit contains: 1 oz. of plating compound; 1 oz. of metal polish; 1 anode brush; battery wires with clips attached; full instructions. Require two No. 6 cells (not supplied). Wt. 1 1/2 lbs.

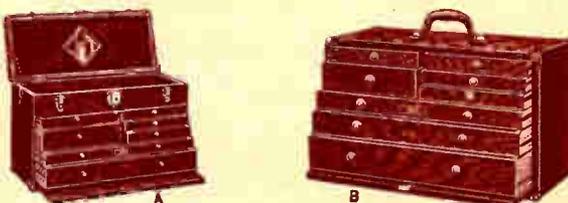
**K15359—Nickel Plating Outfit**  
**K15360—Copper Plating Outfit**  
**K15370—Cadmium Plating Outfit**  
Additional 1-oz. bottles of compound (plate 125-175 sq. in.):  
**K15372—Nickel Compound** Each... **37c**  
**K15373—Copper Compound** Each... **37c**  
**K15374—Cadmium Compound** Each... **37c**

**Any Type**... **\$1.10**  
**ing Outfit**... **\$1.47**  
**K15371—Silver Plating Outfit**... **\$1.47**  
**K15375—Silver Compound** Your Cost... **73c**

**New Industrial Silver Plating Outfit**  
For industrial use only. Comprises 8-oz. Electrolyte, Sterling Silver Applicator, 4-oz. metal cleaner. Shpg. wt. 3 lbs.

K15376—Your Cost... **\$7.50**

## UNION Machinists Hardwood Chests



Deluxe portable drawer-type chests for machinists, radio servicemen, etc. Drawers can't warp or twist—chest door slides under the bottom drawer, out of the way. Made from thoroughly seasoned, finely grained **Quartered oak**. Lock-cornered joints in frames. Steel drawer bottoms and drawer supports set in grooves in ends of chests. Every drawer felt lined and hand fitted to assure easy sliding. Heavily plated, extra-heavy hardware and fittings, with substantial locks. Genuine leather steel-reinforced handles. **Style A** is open top type. Finest made. Metal framed mirror in cover. Hand rubbed lacquer finish. **Style B** is front opening. All locks are tamper proof and have 100-key changes.

Stock No.	Style Fig.	Outside Size, Ins.	Inside Dimensions		Wt. Lbs.	Your Cost
			Short Drawers	Long Drawers		
K22355	A	17x8 3/4 x 12 3/4	4 Dr. 7 x 6 1/2 x 15 1/2 1 Dr. 7 x 6 1/2 x 23 1/2	Till 16 x 7 3/4 x 3 1 Dr. 15 1/2 x 6 1/2 x 15 1/2 1 Dr. 15 1/2 x 6 1/2 x 23 1/2	29	\$19.84
K22356	A	20x8 3/4 x 12 3/4	4 Dr. 8 1/2 x 6 1/2 x 15 1/2 1 Dr. 8 1/2 x 6 1/2 x 23 1/2	Till 19 x 7 3/4 x 3 1 Dr. 18 1/2 x 6 1/2 x 15 1/2 1 Dr. 18 1/2 x 6 1/2 x 23 1/2	31	20.97
K22357	B	20x9 x 12 3/4	1 Dr. 8 3/2 x 7 x 23 1/2 4 Dr. 8 3/2 x 7 x 16 1/2	1 Dr. 18 1/2 x 7 x 15 1/2 1 Dr. 18 1/2 x 7 x 15 1/2 1 Dr. 18 1/2 x 7 x 23 1/2	30	16.66
K22358	B	17x8 1/2 x 10 1/2	1 Dr. 7 x 6 1/2 x 23 1/2 2 Dr. 7 x 6 1/2 x 15 1/2	1 Dr. 15 1/2 x 6 1/2 x 13 1/2 1 Dr. 15 1/2 x 6 1/2 x 11 1/2 1 Dr. 15 1/2 x 6 1/2 x 21 1/2	26	12.25

## Cabinet Repair Kits



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 instructions. Shpg. wt. 3 lbs.

K15527—Your Cost... **\$1.15**



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... **\$2.06**

**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 1/2 lbs.

K15522—Your Cost... **35c**

## 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... **29c**  
10 For... **\$2.80**  
K15520—Type B. Each... **22c**  
5 For... **99c**



## 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 Each... **15c**

**Plastic Cabinet Cement**  
Repairs Bakelite or Plaskon molded radio cabinets. Dries fast and holds securely.

K15273—2 oz. bottle... **32c**

## DUCO Cement

Excellent for repairing speaker cones, cementing grille cloths, etc. Lots of 12... **19c ea.**

K15257—Each... **21c**

## KROMALL Paint

Brush or spray on. Leaves satin chrome finish, no brush marks.

K15396—4 oz. Your Cost... **29c**

**Insulating Pitch**  
1 lb. can. K14864—Ea. **29c**  
1-gallon can. Wt. 12 lbs. K14865... **\$1.39**





# 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  $\frac{1}{8}$ " 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 (250) staples. Wt. 2 lbs. Your Cost **\$3.33**

## WALSCO Carrying Case



For carrying the WalSCO Stapler in the pocket or on the belt. Genuine leather.

Shpg. wt. 1 lb. **K15092**—Each **\$1.22**



**WALSCO Rubber Cap**  
Covers plunger head and makes it easier on the hand to drive staples into hard surfaces.

**K15090**—Each **19c**

## WALSCO Steel Staples



Made of carbon tool steel. In strips especially made for the WalSCO Staple Driver. Inside coated with special clear insulating lacquer. Brown color.

**K15093**—Box 250 **28c**  
**K15099**—Box 1000 **\$1.08**  
**K15100**—Box 5000 **\$1.90**

## LENK Alcohol and Gasoline Torches



**Type A**—Compact, leak-proof torch for serviceman and home mechanic. Size: 6x2x1 $\frac{1}{2}$ ". Wt. 1 lb. **K14868**—Alcohol. **\$1.30**

**Type B**—Double burner torch—provides either broad or needle point flame. Cleansing pin in handle. 7x4 $\frac{1}{2}$ x2 $\frac{1}{2}$ ". Wt. 3 lbs. **K14867**—Alcohol. **\$2.93**

**Type C**—Gasoline torch. Has flame control, shut off valve and many other features. 7 $\frac{1}{2}$ " H. x3" base D. Polished brass. Cap.  $\frac{1}{4}$ " pint. Wt. 2 lbs. **K14855**—Your Cost **\$1.79**

**K14856**—Same but for alcohol. Your Cost **\$1.96**

## LENK Torch Fuel



No sediment in fuel prevents carbon deposit on wick. Eliminates corrosion. Maximum efficiency. **K14860**—16 oz. can. **33c**  
**K14890**—Quart can. **63c**  
Ship by Express Only

## 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.

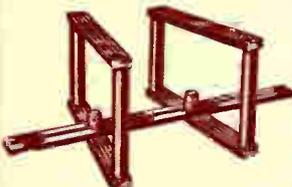
Stock No.	Type	Cuts Hole	Shank Style	Type Work	Your Cost
<b>K14720</b>	*	$\frac{5}{8}$ " to 2 $\frac{1}{2}$ "	Round	Light	<b>\$0.78</b>
<b>K14718</b>	2	$\frac{3}{8}$ " to 4"	Round	Medium	<b>1.15</b>
<b>K14711</b>	4	$\frac{3}{8}$ " to 4"	Round	Medium	<b>1.30</b>
<b>K14713</b>	5	1" to 5 $\frac{1}{2}$ "	Round	Heavy	<b>1.88</b>
<b>K14715</b>	5	1" to 5 $\frac{1}{2}$ "	Square	Heavy	<b>1.88</b>
<b>K14717</b>	1†	$\frac{3}{8}$ " to 4"	Round	Medium	<b>1.88</b>
<b>K15069</b>	5	1 $\frac{1}{4}$ " to 8"	Square	Ex. Heavy	<b>2.97</b>

\* Not illustrated. † Has extra beading cutter.

## Replacement Drills and Blades

**K15068**—Drill for use with **K15069**. Your Cost **27c**  
**K14716**—Blade for use with all above except **K15069** and **K14720**. Your Cost **27c**  
**K15070**—Blade for use with **K15069**. Your Cost **41c**

## ACRO Die Cradle



### For Industrial Use

A parallel unit that provides an easier, more accurate method for drilling—counterboring—tapping—milling and grinding! Saves time and prevents spoiled work. Handles a wide range of sizes. Standard height of parallels is 7" while the adjustment spread ranges up to 20". Ample clearance for guide posts on the die set, even on large size jobs. Made of high grade steel hardened and ground to close tolerances. All parts universally parallel, undistortable and unbreakable. Shpg. wt. 15 lbs. **K15038**—Your Cost **\$19.35**

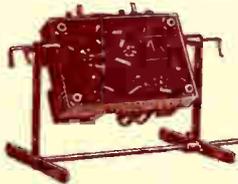
## Rivet-Eyelet Punch Set

Hardened steel tools. Cast iron holder. Hex sides to grip in vise. With rivets and eyelets. **K15045**—**\$2.06**

**Setting Tool Only:** As used with above set. Case hardened steel. **K15065**—Each **44c**

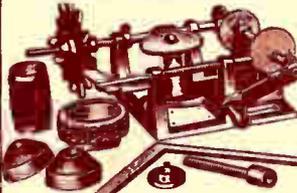
**Rivet - Eyelet Assortment**  
**K15066**—100 assorted rivets and eyelets. Your Cost **41c**

## ACRO Chassis Cradle



Holds any radio, amplifier, power supply, etc. chassis in any desired position for testing, repairing or counter demonstration. Special clamps (supplied) grip chassis firmly and leave hands free for work. Built of steel. 28 $\frac{1}{2}$ " L., 15 $\frac{1}{2}$ " W., 12" H. Shpg. wt. 5 lbs. **K15071**—With clamps. **\$4.75**  
**K15072**—Extra Clamps (Pair). **\$2.45**  
**K15073**—Heavy Duty Clamps (Pair). **\$2.70**

## 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. **K14725**—Your Cost Each **\$4.95**

## Vernier Sliding Caliper 6" Rule With Depth Gauge



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. **K15027**—Your Cost Each **98c**

## Adjustable Hack Saw Frame



New patented design adjustable from 8" to 12". Cold forged steel frame. Depth of frame 2 $\frac{3}{4}$ ". Complete with 8" blade. Shpg. wt. 2 lbs. **K17286**—Each **49c**

## Coping Saw Frame and Blade



Heavy, rigid, round edge steel frame. Excellent quality 6 $\frac{1}{2}$ " blade for wood or metal. Adjustable tension. Heavily plated frame and ferrule. Hardwood handle. Complete with one blade. Shpg. wt. 1 lb. **K17278**—Each **39c**  
**K17279**—Extra Blades. 6 $\frac{1}{2}$ " pin type. Each **4c** Per Doz. **36c**

## Close-Cut Hacksaw



Fits where ordinary hacksaws cannot be used. Saves time and temper. Heavily plated steel frame. Complete with specially-designed wave-set 10" blade. Will take broken hacksaw blades. Shpg. wt. 1 lb. **K17280**—Each **59c**  
**K17281**—Extra 10" blades—wave-set. Each **17c** Per Doz. **\$1.85**

## CAN'T-ROLL Center Punch



Tempered steel with large head and knurled grip. Square head will not roll. Length 4 $\frac{1}{4}$ ", diameter .325". Shpg. wt. 1 lb. **K14999**—Your Cost **10c**

## Flexible Hack Saw Blades



Extra hard. Extra flexible. Longer life. Scientifically heat treated for hardness and flexibility. For all standard frames. Shpg. wt. approx. 1 lb. per doz. All are  $\frac{1}{2}$ " wide and .025" thick.

Stock No.	Length	Teeth*	Each	Doz.
<b>K17273</b>	10"	18	6c	60c
<b>K17274</b>	10"	24	6c	60c
<b>K17275</b>	12"	18	7c	72c
<b>K17276</b>	12"	24	7c	72c

\* Number of teeth per inch.

## GREENLEE Push Drill



Spring controlled automatic drill. Supplied with 8 sizes of drill points from  $\frac{1}{8}$ " to  $\frac{1}{4}$ ". Handle holds drills and has plastic window making cutting parts of points visible. Precision made and heavily plated. Wt. 1 lb. **K17183**—Your Cost **\$1.84**

## Drill Stand

Holds complete set from No. 1—No. 60. **K17277** **35c**

# MECHANICS and SERVICEMEN



## Handy Steel Rule



### Depth Gauge

A handy, accurate pocket rule for quick measurement. Made of steel, with convenient pocket clip for depth measurements. 6 inches long, graduated in quick reading 64ths. **K14996—Your Cost Each..... 9¢**

## 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..... 25¢**

## 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..... 23¢**

## 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..... 95¢**

## 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. Tempered steel—highly polished. With leather case. **K14998—Your Cost..... 95¢**

## Tool Steel Reamers

Made of heat treated steel.



**K15049—1/4" to 3/8", 5 3/4" overall with "T" handle.**  
**K15050—Same but for Bit Brace. 69¢**  
Either Type Above, Each.

**K15048—3/8" to 1", 6 1/2" overall. "T" handle. Each..... 98¢**

## Expansion Bits



Fine quality.  
**K15116—3/8" to 1 1/2", \$1.10**  
Each  
**K15117—3/8" to 3", \$1.25**

## Screw Extractors



For removing broken screws, bolts, etc. Drill hole in broken screw—inset extractor—turn to left—and out it comes. Four sizes in kit. Shpg. wt. 2 lbs. **K15279—Your Cost, Per Set..... \$1.05**

## BLACK & DECKER Junior Drill



Shpg. wt. 5 lbs. **K14700—Your Cost \$19.95 less 2%..... \$19.55**

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). 10 3/4" overall. For steel and softer materials. For 110 V. AC-DC.

## PEERLESS 1/4" Drill



**K14741—As above, but with key chuck. Your Cost..... \$13.95**

Die-cast metal frame. Attractive aluminum paint finish. 1/4" capacity simplified hand chuck for quick removal of twist drills. Slide action switch. Universal motor operates on 115 volts D.C. or A.C. (50/60 cycles). Armature on self-aligning bearings. Spindle on ball and Oilite bearings. 10 3/4" long. Wt. 6 lbs. **K14742—\$12.95**  
Each

## 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 1/2" 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 3/8"x6". Shpg. wt. 4 lbs. **K14696—Your Cost..... \$5.95**

## A.C.-D.C. Electric Speed Drill

Drills through 1/4" steel. 2 1/4" 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..... \$8.25**



## De Luxe Model

Will drill, grind, polish, cut, carve, saw and engrave on all materials. Fits the hand, 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 3/8" spring collet chuck. **K15351—Standard HANDEE less Grip-Sleeve. Speed 18,000 r.p.m. With 3 mounted wheels. HANDEE No. 2AB. \$9.14**  
Your Cost

**K15353—Custom HANDEE kit, with grip-sleeve to rest fingers. In steel carrying case with 27 accessories. HANDEE No. 2060. \$14.66**  
Your Cost

**K15354—De Luxe HANDEE, complete with 7 accessories as follows: 3/4" Collet; 5 Wheels; 1 Rubber Polishing Wheel; 1 Wheel Dressing Stone. Speed 25,000 r.p.m. HANDEE No. 3008. \$15.72**  
Your Cost

**K15263—DeLuxe HANDEE outfit, complete with 27 fine accessories and contained in a steel carrying case. Accessories include: rubber polishing wheel with mandrel; saw with mandrel; slitting saw; two steel cutters; three drills; push-pin mandrel; steel wire cavity brush; bristle brush; wire scratch brush; rubber disc with mandrel; felt polishing point with mandrel; rubber polishing point with mandrel; felt polishing wheel; drum sander and three bands; disc cleaning brush; mounted wheels (six); wheel dressing stone; vial of Handee speed oil; dozen assorted sandpaper discs. You can accomplish every conceivable job with this complete outfit. No. 3010. Shpg. wt. 8 lbs. \$21.25**  
Your Cost

**K15264—No. 3011. Same as the above, but with 26 assorted Mounted Wheels for industrial application only. \$21.25**  
Your Cost

## Set of 9 Assorted Steel Drills



Sizes 1/16" to 3/16". Good fast cutting steel. Correctly ground; will hold edge. Popular sizes for radio work. In hardwood box. **K14708—Your Cost..... \$1.10**

## Geared Chuck For Drills



7 to 1 geared chuck to use drills up to 1/2" in your small electric drill. Shpg. wt. 4 lbs. **K14698—Each..... \$7.65**

## Motor Chuck-Arbors

Fit shaft of any small motor in place of pulley. With flange and locking nut to hold grinding wheels, saws, etc. 3/4" three-jaw chuck. "Less Flange" **K15095\* 495 3/8" 78c**  
**K15096 490 3/8" 71c**  
**K15097 490-A 3/8" 71c**  
**K15098 490-B 3/8" 95c**

Stock No.	Unit No.	Motor Shaft	Your Cost
K15095*	495	3/8"	78c
K15096	490	3/8"	71c
K15097	490-A	3/8"	71c
K15098	490-B	3/8"	95c

## Slide Caliper Rule



Inside and outside diameters up to 3 inches, in 1/8 and 1/32". Knurled locknut. Wt. 8 oz. **K14891—Your Cost..... 12¢**

## 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 8 matching tap drills for these taps. Tap holder also included. All housed in natural mahogany case. Shpg. wt. 3 lbs. **K14994—Your Cost..... \$1.89**

## 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..... \$1.35**

## Hand Drill

Well balanced hand drill with 1/4" hardened chuck jaws. Accurately meshed gears. Polished hollow handle for storing drills. A much needed tool on the radio work bench. Handle top threads on to body. High speed gears. Shpg. wt. 3 lbs. **K14723—Your Cost..... \$1.15**



## DIETZGEN Slide Rules



Apprentice slide rule (Maniphase type). 10" graduations on hard wood and finished in natural grain with clear lacquer. Has a molded one-piece unbreakable indicator. Reverse side of rule has inch scale on one edge and millimeter rule on other. Back of rule contains special set of conversion tables as well as decimal equivalent chart. Supplied with imitation leather case and instructions. **K14888—Each..... 69¢**  
National Slide Rule. Like above, but graduations on a high quality white surface. **K14889—Each..... 89¢**



# SOLDERING IRONS and ACCESSORIES

## 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 with cord spring. For a.c. or d.c. All furnished complete with metal stands. Shpg. wt. 3 lbs.

- K15180—75 Watts, 110/120 V. **\$1.50**  
Your Cost Each
- K15197—75 Watts, 220/250 V. **\$1.65**  
Your Cost Each
- K15182—90 Watts, 110/120 V. **\$2.25**  
Your Cost Each
- K15198—90 Watts, 220/250 V. **\$2.45**  
Your Cost Each
- K15184—170 Watts, 110/120 V. **\$3.60**  
Your Cost Each
- K15199—170 Watts, 220/250 V. **\$3.95**  
Your Cost Each
- K15187—300 Watts, 110/120 V. **\$5.35**  
Your Cost Each
- K15188—300 Watts, 220/250 V. **\$5.35**  
Your Cost Each

## TRUTEST Replacement Elements

For use with the above irons. Can be installed in a few minutes. For 110 volt types only. Shpg. wt. 3/4 lb.

- K14450—For 75-Watt Irons. Each... \$0.90
- K14451—For 90-Watt Irons. Each... 1.50
- K14452—For 170-Watt Irons. Each... 2.25
- K14453—For 300-Watt Irons. Each... 3.75

## Trutest "Special" Irons



Sturdily constructed. Resistance wire elements wound on porcelain tubes. 55-watt iron furnished with one 3/8" and one 1/2" screw-on tip; 75-watt iron with one 3/8" screw-on tip; 100-watt iron with one 3/8" plunger tip. 6-ft. cord.

- K14892—55-Watt Iron. **79c**
- Your Cost, with 2 tips
- K14894—75-Watt Iron... 99c
- K14893—100-Watt Iron... \$1.50

## DRAKE Soldering Irons Underwriter's Approved



Elements are wound on high grade amber mica with finest nichrome wire. All are furnished complete with 6 foot cord set and "Magic Cup" iron stand.

- 80-Watts: Model 225. With 3/8" tip. Recommended for light duty work on radio sets, instruments, etc. Shpg. wt. 2 lbs. **\$2.06**  
K15161—Your Cost Each
- 100 Watts: Model 325. With 1/2" tip. Recommended for medium radio and switchboard work. Shpg. wt. 3 lbs. **\$2.44**  
K15162—Each

## DRAKE Compact Iron

Smallest industrial iron, for tight corners and delicate instrument wiring. Measures 9" and weighs only 9 oz. 60 watts with 1/2" tip. With 6-ft. cord and Magic Cup stand. Underwriter's Approved. Shpg. wt. 1 lb.

- K14835—Your Cost Each **\$2.65**

## 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

Stock No.	Watts	Tip Dia.	Your Cost	Extra Stock No.	Tips Your Cost
K14874	75	1/8"	\$1.95	K14886	39c
K14853	100	3/8"	2.48	K14887	55c

### With Adjustable Tips

Stock No.	Watts	Tip Dia.	Your Cost	Extra Stock No.	Tips Your Cost
K15176	75	3/8"	\$2.03	K15166	27c
K15177	100	1/2"	2.78	K14901	28c
K15178	150	3/4"	4.88	K15168	39c

## JACKSON Replacement Elements

For use with the above Jackson irons. Easy to install. For 110/120 volts a.c. or d.c.

- K14454—For K14874 iron (75 w.)... \$0.90
- K14455—For K14853 iron (100 w.)... 1.50
- K14456—For K15176 iron (75 w.)... .90
- K14457—For K15177 iron (100 w.)... 1.50
- K14458—For K15178 iron (150 w.)... 1.85

## 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—Your Cost **90c**

## Jackson Telescope Iron



A clever type iron that can be adjusted for use as a full size or midget size tool. Adjustable from 8" to 12" long. Sliding tip with set screw. Plunger type barrel.

- K15179—65 watts. 3/8" tip. **\$1.20**  
Your Cost
- K15181—100 watts. 1/4" tip. **\$1.65**  
Your Cost

## Soldering Iron Tips

Replacement plunger type tips of quality copper.

Stock No.	Iron	Size	Your Cost
K15166	60-75 w.	3/16x2 3/8"	27c
K14903	85-100 w.	3/8x4 1/2"	28c
K15168	115-150 w.	1/2x3 3/4"	39c

## "AMERICAN BEAUTY" Irons



100-Watt, Model 3138

America's most famous iron. Made for those who want the very best. Metal parts are heavily plated and highly polished. Length 12 1/2". With 3/8" tip and 6 ft. cord. Stand supplied. Shpg. wt. 2 lbs. **\$5.29**  
K15171—Your Cost  
K15170—Extra tip for above. Each... 37c

50-Watt, Model 576

A smaller "American Beauty" for soldering in corners and tight places. 1/4" tip. With stand. Shpg. wt. 2 lbs. **\$3.31**  
K15172—Your Cost  
K15173—Extra tip for above. Each... 23c

## "AMERICAN BEAUTY" Stand

### Thermo-tatic 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. **\$3.64**  
K15169—Stand only. Your Cost



## ESICO High Quality Soldering Irons



Preferred by technicians everywhere. All are constructed of the finest materials and will give long, dependable service. High grade elements are wound on finest mica insulation. Underwriter's approved. Furnished with 6-ft. cord set. For a.c. or d.c. All models are supplied WITH STAND. Shpg. wt. 3 lbs. each.

### With Screw-In Tips

Stock No.	Watts	Tip Dia.	Your Cost	Extra Stock No.	Tips Your Cost
K14848	65	3/8"	\$1.15	K14847	28c
K14854	100	3/8"	1.73	K14847	28c
K15174	150	3/4"	2.94	K15175	35c

### 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.

Stock No.	Watts	Tip Dia.	Your Cost	Extra Stock No.	Tips Your Cost
K15190	110	3/8"	\$3.23	K14903	28c
K15191	130	1/2"	4.55	K15168	39c

## ESICO "Special" Irons



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. **73c**  
K14846—With 1 Tip. Your Cost  
K14849—With 2 Tips. Your Cost... 89c

## 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. **\$3.82**  
K14885—Stand Only. Your Cost



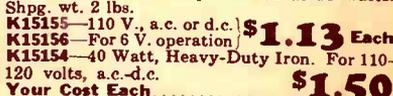
## SUPER Soldering Iron

40 watts. For 110 V. a.c.-d.c. Hardwood handle. 10" long; 3/8" copper tip. 4-ft. cord.

- Shpg. wt. 1 lb. **30c**
- K14873—Your Cost
- Lots of 10... \$2.80

## Compact Pencil-Type Irons

Compact and lightweight. Has insulated handle and cork finger guard. With 6-ft. cord. plug and removable tip. Rated at 25 watts. Shpg. wt. 2 lbs. **\$1.13** Each  
K15155—110 V., a.c. or d.c. |  
K15156—For 6 V. operation |  
K15154—40 Watt, Heavy-Duty Iron. For 110-120 volts, a.c.-d.c. **\$1.50**  
Your Cost Each



## "Magic Cup" Iron Stand

Insert tip into Magic Cup and oxide disappears. **29c**  
K14880—Shpg. wt. 1 lb. Your Cost  
Plain Stand Only. As above, but less magic cup. 7 inches long. **18c**  
K15219—Your Cost



# BEST PRODS and ALIGNING TOOLS

## 5-IN-1 Aligner Kit

Combines in a fountain pen size tool,  $\frac{1}{4}$ " and  $\frac{3}{8}$ " nut wrenches, miniature blade screwdriver for all aligning and a full-size insulated handle screwdriver. 3 piece set.  
**K15082—Your Cost . . . . . 68c**

## 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  $\frac{3}{8}$ " hex nuts. Other is  $\frac{1}{2}$ " rod fitted with screwdriver nib and special magnetic steel.  
**K15083—Your Cost . . . . . 81c**

## Double Shank Trimmers

For Philco, RCA, etc. Screwdriver shank is  $\frac{1}{8}$ " diameter—fits into  $\frac{1}{4}$ " hole up to  $1\frac{1}{4}$ "; other end takes  $\frac{1}{8}$ " hex nut.  
**K15105—6" long. Each . . . . . 54c**  
**K15106—10" long. . . . . 73c**

## 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 . . . . . 35c**

## Hex Socket Aligner

6" long with brass  $\frac{1}{4}$ " socket head. Other end has hardened screwdriver bit. Shaft diameter  $\frac{1}{8}$ ".  
**K15104—Your Cost . . . . . 38c**

## FIBRITE Screw Driver

7" long; driver at both ends for all trimmer condensers.  
**K15150— $\frac{1}{4}$ " diameter. . . . . 27c**  
**K15151— $\frac{3}{8}$ " diameter. . . . . 38c**

## ICA Aligning Kit

14 tools telescope into six units: a flexible screwdriver "magic" alignment tool, alligator side wrench, 6" insulated driver—metal nib,  $\frac{3}{8}$ " and  $\frac{1}{2}$ " 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,  $\frac{3}{8}$ " hex insulated nut wrench, 5" and 6" insulated driver.  
**K15088—Kit . . . . . \$3.82**  
 Like above, but less flexible screwdriver and "magic" aligning tool.  
**K15089—Your Cost . . . . . \$3.23**



## 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 . . . . . 35c**

## Push-Button Tuner Aligning Tool

Special for aligning variable permeability push-button tuning units. Bone fibre handle  $\frac{3}{8}$ " dia., 1 $\frac{1}{2}$ " long; shank  $4\frac{1}{2}$ " long. Socket  $\frac{1}{8}$ " dia., contains recessed screwdriver nib.  
**K15115—Your Cost . . . . . 35c**

## 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 . . . . . 59c**

## Solid Tuning Wand

Similar to above, except that the body is solid insulation.  
**K14976—Your Cost Each. . . . . 62c**

## 4-1 Neutralizing Tool

Has pen clip for pocket.  $\frac{1}{4}$ " nut wrench with key slot, and aligning screwdriver. Bakelite.  
**K14915—Your Cost . . . . . 46c**

## Insulated Hex Wrench

Hexed entire length; cut worn end and have a new wrench. Hex  $\frac{1}{8}$ ".  
 Stock No. Length Your Cost  
**K15148 6" . . . . . 16c**  
**K15149 8" . . . . . 19c**

## 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 . . . . . 81c**

## Trimmer Screwdriver

For slotted trimmers. Has recessed blade in metal nib. Shank diameter  $\frac{1}{8}$ ", small enough to go through a  $\frac{1}{4}$ " hole. Length 4 $\frac{3}{8}$ ". Black.  
**K15078—Your Cost . . . . . 82c**

## Aligning Tool

6" narrow fibre rod,  $\frac{1}{8}$ " dia., with special metal clip for air trimmers.  
**K15078—For Philco sets. . . . . 32c**

## Neon Test-O-Lite

With this 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". . . . . 46c**  
**Your Cost Each . . . . . 22c**  
**K15193—10" to 18" . . . . . 59c**

## Neutralizing "Driver"

For aligning coils, condensers, etc.  
**K15080—6 $\times$ 1 $\frac{1}{4}$ ". . . . . 22c**

## U.H.F. Aligning Tool

Molded of pure Polystyrene—no capacity effect on critical circuits. With pocket clip. 6 $\times$  $\frac{1}{4}$ ".  
**K15075—Each . . . . . 24c**

## 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 phone tips. 90-550 v.  
**K11310—Each . . . . . 59c**  
**Low Voltage Type. Range 3 to 25v. Leads have alligator clips. . . . . \$1.03**

## 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 . . . . . \$1.22**  
 Similar to above, but fixed ends. With Spring Clip Ends  
**K12882—Per Set . . . . . 68c**  
 With Phone Tip Ends  
**K12883—Per Set . . . . . 62c**

## Laboratory Prods

Heavy duty. Bronze tip with needlepoint and heavy body. Double purpose—needle prod and phone tip prod. Heavy 5" long handles. Five foot red and black kinkless leads.  
**K12978—With spade tips. . . . . Each 62c**  
**K12979—Phone tips. . . . . 62c**

## 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.  
**K12989—Your Cost . . . . . 30c**

## 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.  
**NEEDLE TIP PRODS (A)**  
 No. Wire Ends Pair  
**K12976—Phone Tips . . . . . 46c**  
**K12975—Spade Lugs . . . . . 46c**  
**K12977—Alligator. . . . . 51c**  
**SOLDERLESS TIP PLUGS (B)**  
**K12968—Phone Tips . . . . . 46c**  
**K12969—Spade Lugs . . . . . 46c**  
**K12970—Alligator. . . . . 45c**

## 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.  
**SOLDERLESS PROD (A)**  
 No. Length Each  
**K12881 5 $\frac{1}{4}$ " . . . . . 22c**  
**K12884 6 $\frac{3}{8}$ " . . . . . 27c**  
**PHONO NEEDLE TIP (B)**  
**K12868 4 $\frac{3}{8}$ " . . . . . 22c**  
**K12869 5 $\frac{1}{4}$ " . . . . . 27c**  
**BANANA PLUG TIP (C)**  
**K12912 2 $\frac{1}{4}$ " . . . . . 19c**  
**K12910 3 $\frac{3}{8}$ " . . . . . 27c**

## "No Break" Prods

Of solid brass, nicked and covered with shockless live rubber—1 red, 1 black; sharp pointed tips. Other end of 50" kinkless rubber wires have solderless insulated phone tips.  
**K12999—Pair . . . . . 54c**  
**K13000—Same but with plain non-insulated phone tips. . . . . 46c**  
**Your Cost Per Pair . . . . . 46c**

## 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. 2" bakelite phone tips prods. 50" heavy duty cables of 18 gauge stranded tinned copper wire—low voltage prod. One red, one black. Shpg. wt. 1 lb.  
**K12885—Per Pair . . . . . \$1.94**

## Pencil Type Test Leads

5" long handles of red and black phenolic. With rubber, kinkless wire.  
**Molded finger grip tips with set screws. 6 $\frac{1}{2}$ " overall. . . . . 81c**  
**K12988—Your Cost . . . . . 81c**

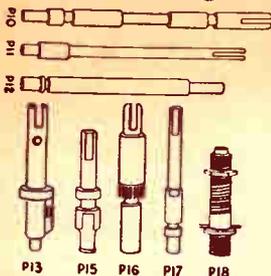
## Mueller "Snapper" Probe

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 . . . . . 38c Each**  
**K14917—Black Handle . . . . . 72c Pair**



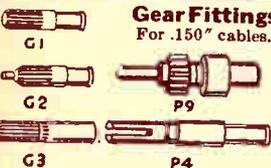
# AUTO RADIO CABLE FITTINGS

## Special Fittings



For .130" cables.			
No.	Type	No.	Type
K8084	P10	K8089	P15
K8085	P11	K8090	P16
K8086	P12	K8091	P17
K8087	P13	K8092	P18

Any Type Above, Your Cost Each **32¢**



Gear Fittings For .150" cables.		
No.	Type	Any Type Each
K8425	G1	<b>32¢</b>
K8426	G2	
K8427	G3	
K8428	P4	
K8331	P9	

## Cable and Housing

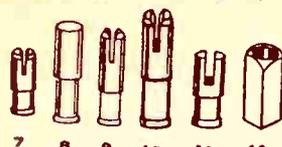
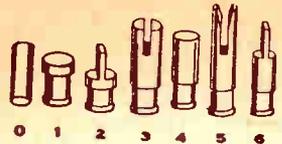
Finest quality cable for auto radio remote controls. Cable ends swaged—cannot unravel. Shpg. wt. 1 lb. per foot.

Cable Only			
No.	.150" Length	Each	
K8299	K8433 18"	\$0.32	
K8300	K8434 24"	.40	
K8301	K8302 30"	.50	
K8303	K8435 36"	.57	

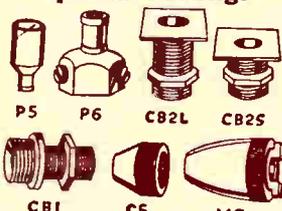
Cable and Steel Housing		
No.	Cable	Housing
K8304	K8437 18"	.62
K8305	K8438 24"	.75
K8306	K8307 30"	.95
K8308	K8439 36"	1.10

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.



.150"		.130"		Type	Each
No.	Type	No.	Type		
K8414	K8312	0		<b>6¢</b>	
K8415	K8313	1			
K8421	K8319	2			
K8416	K8314	3			
K8418	K8316	4			
K8422	K8320	5			
K8411	K8323	6			
K8417	K8315	7			
K8419	K8317	8			
K8420	K8318	9			
K8423	K8321	10			
K8424	K8322	11			
K8329	K8330	12			

## Special Fittings



All for .150" cables except MO130 (for .180"). C5 is casing chuck for Motorola; types MO130 and MO150 are bell ends for Motorola cables.

No.	Type	Each
K8294	P5	<b>17¢</b>
K8295	P6	
K8296	C82-L	
K8297	C82-S	
K8298	C81	
K8282	C5	
K8283	MO(.130")	
K8284	MO(.150")	

## Housing Ends

F	D	B	C	A	Each
K8430	F	B	C	A	<b>6¢</b>
K8293	F	B	C	A	
K8431	F	B	C	A	
K8429	F	B	C	A	
K8292	D	B	C	A	<b>8¢</b>
	D	B	C	A	<b>6¢</b>

# 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	No.	Car Model and Year
K8221	Buick 1936 (All)	K9312	Mercury (Ford) 1939
K9353	Buick 40, 60, 1937	K9884	Mercury (Ford) 1940
K9354	Buick 80, 90, 1937	K8231	Mercury (Ford) 1941
K9363	Buick 1938 (All)	K8170	Mercury (Ford) 1942
K9315	Buick 1939 (All)	K9384	Nash Lafayette 1937
K8200	Buick 1940 (All)	K9393	Nash Lafayette 1938
K8225	Buick 1941	K9322	Nash Lafayette 1939
K8171	Buick 40, 1942	K8211	Nash-Lafayette 1940
K9383*	Buick 50, 70, 1942	K8234	Nash 1941
K9343	Cadillac-Lasalle '36, '37	K8180	Nash 1942 (All)
K9381	Cadillac-Lasalle 1938	K9375	Nash 1941
K9311	Cadillac-Lasalle 1939	K9385	Oldsmobile 1936
K8201	Cadillac-Lasalle 1940	K9323	Oldsmobile 1937
K8226	Cadillac-Lasalle 1941	K8212	Oldsmobile 1939
K8173	Cad-Lasalle 1942 (All)	K8235	Oldsmobile 1940
K9343	Chevrolet 1935-1936	K8181	Oldsmobile 1941 (All)
K9356	Chevrolet 1937	K9376	Packard 120, 1936
K9364	Chevrolet 1938	K9386	Packard 120, 1937
K9316	Chevrolet 1939	K9387	Packard 115, 1937
K8202	Chevrolet 1940 (All)	K9395	Packard 6 & 8, 1938
K8227	Chevrolet 1941	K9313	Packard (All) 1939
K8174	Chevrolet 1942 (All)	K8213	Packard 1940 (All)
K9344	Chrysler Airstream 6, '36	K8236	Packard 1941
K9357	Chrysler Royal 1937	K9383*	Packard Clipper 1942
K9365	Chrysler 1938	K9873	Plymouth Stand. 1936
K9317	Chrysler 1939	K9377	Plymouth DeL. 1936
K8203	Chrysler 1940	K9874	Plymouth Stand. 1937
K8228	Chrysler 1941	K9388	Plymouth DeL. 1937
K8175	Chrysler 1942 (All)	K9396	Plymouth DeL. 1938
K9347	DeSoto DeLuxe 1936	K9324	Plymouth Stand. 1939
K9359	DeSoto 1937	K9325	Plymouth Stand. 1939
K9366	DeSoto 1938	K8214	Plymouth Stand. 1940
K9318	DeSoto 1939	K8215	Plymouth DeL. 1940
K8204	DeSoto 1940	K8237	Plymouth 1941 (P11)
K8229	DeSoto 1941		Standard & DeLuxe
K8176	DeSoto 1942 (All)	K8238	Plymouth 1941 (P12)
K9348	Dodge 1936		Special DeLuxe
K9360	Dodge 1937	K8182	Plymouth 1942 DeLuxe
K9367	Dodge 1938	K8183	Plymouth 1942 Special
K9319	Dodge 1939		DeLuxe
K8205	Dodge 1940	K9343	Pontiac 1935, 1936
K8230	Dodge 1941	K9389	Pontiac 1937
K8177	Dodge 1942 (All)	K9397	Pontiac 1938
K9352	Ford 1936 (All Models, Standard & DeLuxe)	K9326	Pontiac 1939
K9361	Ford Standard 1937	K8216	Pontiac 1940
K9362	Ford DeLuxe 1937	K8239	Pontiac 1941
K9368	Ford 1938 (All Models)	K8184	Pontiac 1942
K9320	Ford Standard 1939	K9390	Stud. Dict. late 1937
K9309	Ford DeLuxe 1939	K9391	Stud. Pres. late 1937
K8206	Ford Standard 1940	K9398	Studebaker 1938
K8207	Ford DeLuxe 1940	K9893	Stud. Champion 1939
K8231	Ford 1941	K9327	Stud. Commander 1939
K8178	Ford 1942 (All)	K9308	Stud. President 1939
K9876	Hudson 1936	K9894	Stud. Champion 1940
K9877	Hudson 1937	K9895	Stud. Commander and
K9369	Hudson 1938		President 1940
K9310	Hudson 122, 1939	K8240	Studebaker 1941
K9328	Hud. DeL. 112-118, 1939	K8185	Studebaker 1942 (All)
K8208	Hudson 1940	K9380	Terraplane 1936
K8232	Hudson 1941	K9330	Terraplane 1937
K9383*	Hudson 1942 (All)	K9399	Terraplane 1938
K9330	Hudson-Terraplane 1937	K9331	Willys '37, '38, '39, '40
K9373	Lincoln Zephyr 1936	K9383*	Universal Under Dash
K9878	Lincoln Zephyr 1937		
K9392	Lincoln Zephyr 1938		
K9321	Lincoln Zephyr 1939		
K8210	Lincoln Zephyr 1940		
K8233	Lincoln Zephyr 1941		
K8179	Lincoln Zephyr 1942		

## All Plate Kits

Your Cost Each **\$1.78**

Less Rem. Control. \*—Universal under-dash model mounting kit, complete.

## STAR Remote Control

Fits all cars, all radios. No drilling or filing. Use with both clockwise and counter-clockwise condensers. Direct drive. Adjustable to any gear ratio; 5 interchangeable gears supplied for 6, 8, 10, 12 and 16 to 1 ratio. Order plate kit from listing.  
K9339—Less Plate Kit **\$2.59**  
Wt. 2 lbs. Each.



## Switches

S-1: Power "on-off" switch (top). With leads, fuse retainer, pilot socket and lead. Assembled. **K9332 Each 80¢**

S-2: 2-Stage Sensitivity switch (bottom). Local-DX. S.P.S.T. Solder lugs. **K9333—Each 48¢**



## Tone Controls

ST-2: Variable tone control (100,000 ohms) combined with on-off switch wired as shown. **K9337 Each \$2.27**

T-2: As above, but without on-off switch. **K9335—Each \$1.62**



## Volume Shaft and Switch

S-1-V: Switch and volume control shaft on bracket. **K9409—Each 80¢**

## Special Values In Auto Suppressors!

### Carbon Type Auto Radio Suppressors



K5272—Universal Spark Plug Lots of 10, ea. 8½¢. **Your Cost 91/2¢**

K5292—Distributor Type Lots of 10, ea. 10¢. **Your Cost 11¢**

### Wire Wound Units



Moisture proof. Heat resisting insulation. Fit all cars. Low d.c. resistance, yet highly resistant to ignition noises.

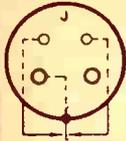
K5301—Spark Plug **K5302—Distributor K5303—Slip-On 32¢**  
Any Type, Each

# Trutest VIBRATORS



The Trutest line of replacement vibrators has been designed to fulfill the servicing requirements for the great majority of home and auto radio receivers (using vibrators). All provide long-lived service. Shpg. wt. 2 lbs.

## NON-SYNCHRONOUS VIBRATORS



4-prong, 1 1/4" by 3 1/2" high. Most popular general replacement unit. Fits many receivers.  
**K14635**

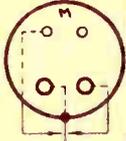
4-prong (diagram above). 2 1/4 x 4 1/2" high. Replacement for Philco No. 38-5036, all models to 1936 except Model 816.  
**K14632**

4-prong (like above). 2" by 3 1/2" high. Replacement for Philco No. 41-3170. For 1936-7-8 sets except Model 816.  
**K14636**

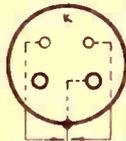
4-prong (like above). 1 1/2" by 4 1/2" high. Replacement for Philco No. 41-3186; fits Model 816.  
**K6026**

4-prong (like above). 1 1/2" by 3 1/2" high. Replacement for Philco No. 41-3898. For 1939 sets, including Model 920, etc.  
**K6028**

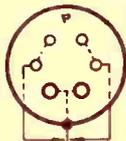
Any Non-Synchronous Vibrator Above, Your Cost Each.....  
In Lots of 6, Each.....



4-prong, 1 1/4" by 3 3/4" high. Special pin arrangement. Exact replacement for Delco and General Motors sets.  
**K6027**



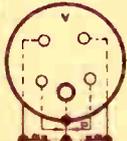
4-prong, 1 1/2" by 3 1/2" high. Exact replacement for Firestone, Stewart-Warner, Zenith, etc. auto radios.  
**K6029**



6-prong, 1 1/2" by 3 3/4" high. Standard 6-prong unit for Arvin, Ford, Zenith, Bosch and other makes of auto radios.  
**K6030**

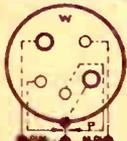
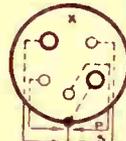


## SYNCHRONOUS VIBRATORS



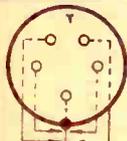
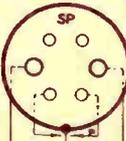
5-prong, 2" by 4 1/2" high. With condensers. For Delco, General Motors, Crosley and Colonial  
**K6032** \$2.65 Each  
Lots, 6 Ea. \$2.35

5-prong, 1 1/4" by 3 3/4" high. Without condensers. For Delco and General Motors auto radio receivers.  
**K6035**



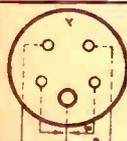
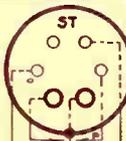
5-prong, 2" by 4 1/2" high. With condensers. For Delco, General Motors and Grunow sets.  
**K6033** \$2.65 Each  
Lots, 6 Ea. \$2.35

6-prong reversible, 1 1/4" by 3 3/4" high. For General Electric, R.C.A., Delco, Montgomery-Ward, etc.  
**K6036**



5-prong, 1 1/4" by 3 3/4" high. Without condensers. For Arvin, Bosch, Detrola, Grunow, Firestone, etc.  
**K6031**

6-prong, 1 1/4" by 3 3/4" high. Without condensers. For Crosley, G.E., Silver-tone, Zenith, Philco, etc. Farm and auto.  
**K6037**



5-prong, 1 1/4" by 3 3/4" high. For most household sets (Admiral, Simplex, Western Auto, etc.). Without condensers.  
**K6034**

**Synchronous Vibrators**  
Any Type Above, except K6032 and K6033 (prices shown above). Your Cost Each.....  
In Lots of 6, Each.....

## CROSS INDEX OF EQUIVALENT VIBRATORS

TRUTEST Stock No.	RADIART Type	MALLORY Type	DELCO Type	UTAH Type	MEISS & ELEC.
K6031	5409, 5413	245, 281, 285	5051125, 5053185	SP5	715
K6032	3461, 4613	273C	5038055, 5039661	SP51	704
K6037	4414, 5411	46, 246	5052525	SP66	712
K6034	3879, 5410	45C, 245C	5053181	SP55	714
K6033	4611	273D	5041376, 5043853	SP52	718
K6036	3883, 5400	248, 286S, 287M	5052869, 5053501	SP62	723, 728
K6035	5426	514, 515, 715	5050498	SP54	726
K14632		500P		NP41	P450
K14635	SU1	4-4	5040000, 5052378	Ace	EU1
K6026	5323	507P	5042240	NP483	
K14636	5320	505P	5042703	NP49	P464
K6028	5300, 5325P	94, 294, 508P	5052378	NP484	P454
K6027	5303	294C	5050673	NP480	435
K6030	3263, 5312	96, 296	5052374	NP6	452
K6029	5331	294SW, 854		NP43	440

# 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** \* Elbow Type for 1938 Plymouth **11c** Ea.  
 10 For.....99c  
 \*Like "A", with elbow connector.

**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..... 35c**  
 10 (Assorted) For.....\$3.15

## Master Distributor Unit

Hermetically sealed; impervious to moisture and heat. Eliminates need for other suppressors. D.C. resistance is 10,000 ohms.  
**K5284** Each.....**41c**  
 5 For.....\$1.85

## Mallory "4-4" Vibrator

A competitively priced vibrator similar to the standard Mallory type 294, but with 4 contacts, Non-synchronous. Size: 3 1/2 x 1 1/2". For low drain auto or battery sets. Shpg. wt. 2 lbs.  
**K6089**  
 Your Cost **\$1.23**

## Generator Condensers

Standard auto radio condenser condensers designed to eliminate generator noise. Fully shielded. Dirt and oil proof.  
 No. Mfd. Each 10 For  
**K14220** .25 14c \$1.26  
**K14215** .5 18c 1.62  
**K14216** 1.0 28c 2.52

## Dome Light Filter

Eliminates the noise in dome light wiring. Has condenser-choke.  
**K14208**—10 For \$2.61 **29c**  
 Your Cost

## 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**—\$1.55  
 Each

## Vibrator Condensers

Oil impregnated. Rated at 1600 volts. Small square metal cans are 1 1/2 x 1 1/2".  
 No. Mfd. No. Mfd.  
**K3240\*** .007 **K3241\*** .01  
**K3242\*** .02 **K3245** .02  
**K3244** .01  
 Your Cost, Any Type **24c**  
 In lots of 10 (Assorted).....\$2.18  
 \*Have two leads—others, one.

## Copper Shielding

Used for shielding of interference creating circuits. Closely woven.  
**BARE** **O.D.** **TINNED**  
**K16234** 2 1/2c 3/4" **K16237** 3c  
**K16235** 3c 3/4" **K16238** 4c  
**K16236** 3 1/2c 1/2" **K16239** 5c

## 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.....**5c**  
**K16213**—100 Foot Spool.....\$5.00

## 7 MM. Ignition Wire

Standard 7 mm. black lacquered braided wire. Moisture proof. Shpg. wt. 7 lbs. per 100 ft.  
**K20851**—Per Foot.....**3 1/2c**  
**K20852**—100 Feet.....\$3.00

## FORD V8 Condensers

Tailor made for Ford V8's.  
**K14219**—Type A. For V8 models up to 1936.  
**K14199**—Type (B) for '37 to '41.  
 10 For \$2.05  
 Your Cost Each, Either Type.....**23c**

## MOTOROLA 65 and 70 Condenser

High voltage condenser. Consists of two .0008 mfd. 1000 volt units in a single housing. Four leads. Made by Sprague.  
**K14207**—Your Cost Each **32c**  
 5 For.....\$1.44

## Ammeter Condenser

Eliminates noise in ammeter, horn, etc. 10 For \$2.07  
**K14218** Each.....**23c**

## Wheel Static Eliminator

Eliminates front wheel noise. Easy to install in each hub cap. All rust proof.  
**K5294**—Your Cost Each.....**5c**  
 10 For.....45c

## "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 **81c**



# AUTO RADIO AERIALS

## Side Cowl and Underhood Aerials

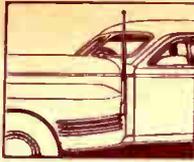


Highly efficient 3-section auto aerials built sturdily and with heavy plating overall to insure long life under all weather conditions. All sections fit accurately. All are supplied complete with low-loss shielded cable. Shpg. wt., each 2 lbs.

**SIDE COWL**  
K21940—Extends from 20" to 60".  
Your Cost **\$1.88**

K21941—Extends from 31 1/2" to 96".  
Your Cost Each **\$2.50**

**UNDERHOOD TYPE**  
20 to 60". 1 bracket. **\$2.37**  
K21946—Your Cost.  
31 1/2-96". 2 brackets. **\$3.00**  
K21947—Each.



## Fender Antenna

**3-Section type.** Heavily plated members are weatherproof. Designed for use on Chevrolet, Buick, Oldsmobile, Cadillac, Pontiac and other cars with "torpedo" shaped bodies. Furnished with attached shielded lead-in cable. Shpg. wt. each 3 lbs.

K20435—24" to 66". Each **\$2.90**  
K20436—28" to 84". Each **\$3.20**  
K20437—32" to 99". Each **\$3.60**

## Swivel Antenna

Designed for use with all streamlined cars. A 16 degree adjustment permits compensation for slope of car body. Can be used as side cowl or fender mounting type. Angle of adjustment controlled by lock nut. Black plastic insulator base. Mounts with two bolts. With low-loss shielded lead. **Three sections; 26" to 68"**  
Wt. 3 lbs.

K20444—**\$2.90**  
Each



## SERVICEMAN'S SPECIAL

### Side Cowl Auto Aerial

One of the finest telescopic auto aerials made. Built of **Admiralty brass, triple chrome plated** with top section of stainless steel. Furnished with two molded bakelite insulators with rubber pads, and 12" shielded lead that terminates in a shielded junction box. Lead is fitted with standard connector for auto radios. Closed 28 3/4"; extends to 48" high. Has anti-static ball end. Provides efficient, noise-free reception. Beautifully finished and of excellent workmanship. Standard side-cowl design, with **two sections.** Shpg. wt. 2 lbs.

K20423—Your Cost, **\$1.69**  
Special

## 3-Way Antenna

Can be used for 3 types of installations: hinge, underhood or alligator. All necessary hardware and brackets supplied. **Three sections; maximum extension 68".** Has decorative ball end. Supplied with low loss shielded lead-in cable. All members heavily plated. Easy to install; instructions furnished. Shpg. wt. 3 lbs.

K20425—**\$2.45**  
Your Cost

## Double Rubber Aerial



Trombone type deluxe car aerial. Steel rods sealed in rubber. With mushroom type rubber insulators and mounting brackets. No drilling. Instructions furnished. Shpg. wt. 5 lbs.  
K22035—Each **\$2.25**

## 8-Ft. Bumperod

Telescopic unit, three sections. Maximum Length 8-feet (ideal for 5-meter work). Steel, rust proof with overall heavy plating. Upper section stainless steel. Fits any front or rear bumper. With shielded lead. Shpg. wt. 4 lbs.  
K21820—Your Cost **\$2.55**

## Standard Signal Gainer

Factory set impedance matching unit. Connects between antenna and set. With standard and pin plugs.  
K8360—**\$9.50**  
Each

## Booster Coil

Designed to increase signal strength. Connects in series with aerial.  
K8358—For standard sets  
K8359—For Motorola sets  
Either Type, Each **\$3.90**

## Under Hood Auto Aerial

Three section telescopic aerial for use on many types of cars where side hood bracket is required. All sections heavily plated; upper section of flexible stainless steel, carefully fitted to assure smooth, noiseless operation at all times.

Extends from 24" to 66". Supplied with shielded lead-in cable having standard connector. Easy to install. Wt. 2 lbs.  
K20438—Each **\$2.50**

## Special Side Cowl Auto Aerials

Especially designed for 1940-41 Chrysler, DeSoto, Plymouth, Dodge and other cars having "torpedo" shaped body. All 3-Section; heavily plated members. With shielded lead-in. Shpg. wt. each 2 lbs.

Stock No.	Extends From	Your Cost
K20431	24-66"	\$2.50
K20432	28-84"	2.88
K20433	32-99"	3.35

## Hinge Antennas

Heavily plated telescopic type aerials that attach to the hinge pin on all cars. Supplied with heavy duty flexible lead-in cable. Can be attached in a few minutes. Available in two and three section types. Offered at unusually low prices. Shpg. wt. each 3 lbs.

**2 SECTIONS:** Extends from 25" to 40".  
K21949—**\$1.82**  
Each  
**3 SECTIONS:** Extends from 20" to 62".  
K21950—**\$2.31**  
Each



## 3 Sect. Aerials

An outstanding value for dealers and servicemen! These popular type auto aerials are heavily plated (upper section of flexible plated steel). Extend from 19" to 50". All are noise-proof. Side cowl type (at left) has two molded bakelite insulators; hinge pin type (at right) has black ceramic insulator. Both types are furnished with 30" lacquered lead-in. Shpg. wt. 3 lbs.  
K22020—Side Cowl  
Your Cost **\$1.35**



K22021—Hinge Pin  
Your Cost **\$1.35**

## Molded Auto Radio Knobs

For 1/8" or 3/16" shafts.

No.	Color	No.
K9834	Black	K9839
K9835	Brown	K9840
K9836	Wheat	K9841
K9837	Pearl Grey	K9842

Any Type, Each **17¢**

**Rubber Tubing**  
For replacement on Hinge, Cowl, Underhood antenna leads, etc. Strong, pliable and waterproof. Protects lead-in from fraying, and insures good reception.  
K16050—Per Foot **2¢**



## Lo-Loss Shielded Cables

All heavily lacquered, covered by shielded loom and processed braiding.

K21805—2 ft. male connector and ant.-gnd. lead. Each **32c**  
K21806—2 ft. male and female connector. Each **32c**  
K22027—4 ft. male connector and ant.-gnd. lead. Each **45c**  
K22028—Same, but 6 ft. Each **56c**  
K22029—Same, but 8 ft. Each **70c**  
K21808—3 ft. male and swivel screw. For side cowl aerials. Ea. **50c**  
K21803—Motorola lead with Standard Motorola coupler and swivel screw. 18" long. For side cowl aerials. Each **49c**  
K21801—For Standard Motorola; lead plus plug-in and antenna coupler. 30" long. Each **72c**



## Fuse Retainer

Two piece connector of heavy metal, with fibre inside insulation. 2 1/2" long. Powerful spring contact.  
K12372—Each **8c**  
12 For **86c**

**"Jumbo" Fuse Retainer**  
2 1/2" long by 1/2" diameter. Replacement for Philco and Motorola. With bushings, springs, etc.  
K8349—Your Cost Each **14c**  
10 For **\$1.25**

**Antenna Connector**  
Two-piece metal container, fibre inside insulation.  
12 For **54c**  
K16714—Your Cost **5c**



## Plug Connectors

K21810—(A). For Motorola lead-in. **7c**  
Your Cost  
K21800—(B). For Motorola, with adapter for standard lead-in. **10c**  
Your Cost  
K21809—(C). For '39 Buick lead-in. **9c**  
Your Cost  
K21799—(D). For '39 Buick, adapter for tip plug on other end. **18c**  
Your Cost  
K21797—(F) Bayonet female fitting one end, receptacle for tip plug on other end. **18c**  
Your Cost  
K21798—(E) Bayonet male fitting one end, receptacle for tip plug on other end. **16c**  
Your Cost



## LITTLEFUZE Auto Fuses

Type 3AG.  
Ratings are at 25 volts. 1 1/2 x 1/4"

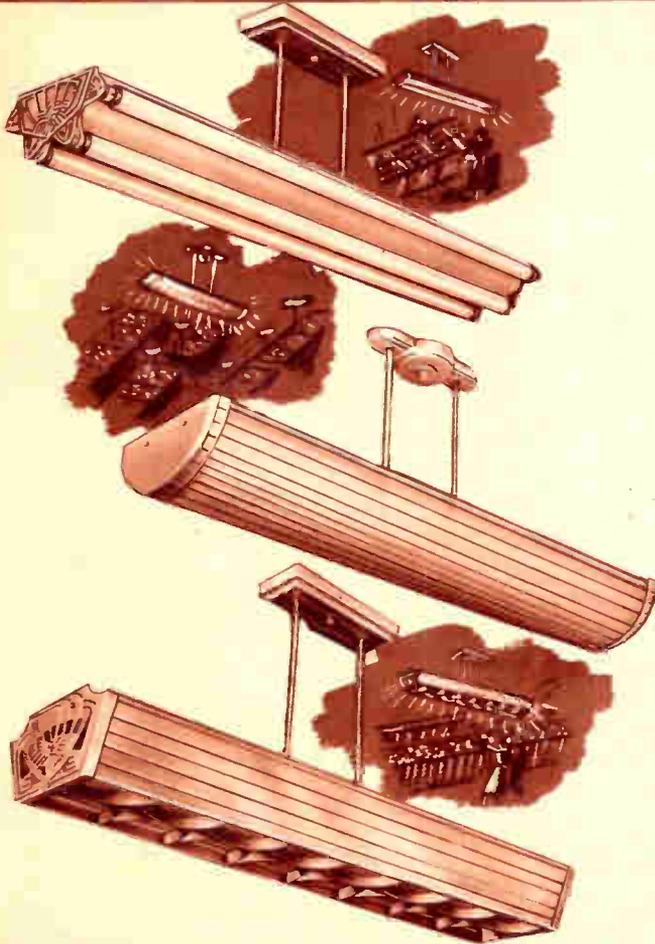
Rating	Your Cost
K12320—5 amps.	
K12321—10 amps.	
K12322—15 amps.	<b>3c each</b>
K12323—20 amps.	

**Auto Body Plug**  
Plug up aerial holes in auto tops, cowls, etc. Large flat-head machine screw with lock washer, rubber spacer, and nut. Plated 1/2" long, 1 1/2" head.  
K8332—Each **15c**  
Box of 12. Your Cost **\$1.62**



# COMMERCIAL FIXTURES

# Fluorescent



## STANDARD COMMERCIAL FIXTURE

Attractively designed stem fixtures widely used in stores, offices and similar locations. Finished in baked-on white enamel and baked-on satin silver. Reflecting surface has the exclusive "Glaz-enamel" finish. All models furnished with two 30" long stems. Supplied LESS LAMPS.

Stock No.	No. Lamps	Size Lamps	Length Lamps	Shpg. Wt.	SINGLE EACH	Lots of 3, EACH
K25560	2	40-watt	48"	29 lbs.	\$14.69	\$13.55
K25569	3	40-watt	48"	31 lbs.	21.02	19.44
K25561	4	40-watt	48"	45 lbs.	22.49	20.84
K25669	4	20-watt	24"	30 lbs.	13.82	12.78

## GLASS-CONCEALED-LAMP FIXTURE

Lamps are completely concealed by a special type of glass shade that diffuses the light perfectly yet allows the maximum of light to pass. Eliminates glare and is exceptionally easy on the eyes. Simple and attractive in design it is an ideal light for use in the better type specialty and department stores, offices etc. Body finish is hard baked white enamel. Ends, rods and canopy fittings, which show, are pewter. Due to the absence of intricate designs this is an exceptionally easy fixture to keep clean. All fixtures are sold LESS LAMPS.

Stock No.	No. Lamps	Size Lamps	Length Lamps	Shpg. Wt.	SINGLE EACH	Lots of 3, EACH
K25670	2	20-watt	24"	20 lbs.	\$17.99	\$16.65
K25671	4	20-watt	24"	30 lbs.	23.23	21.49
K25672	2	40-watt	48"	30 lbs.	23.52	21.75
K25673	4	40-watt	48"	38 lbs.	34.25	31.68

## ULTRA-MODERN COMMERCIAL FIXTURE

A fixture designed specifically for the finest stores and offices. Unusually attractive in appearance and surprisingly high in lighting efficiency. A unique and beautifully designed series of louvers at the bottom of the fixture shields the lamps from the eyes yet allows the greatest possible amount of light to come through. Side panels are glass frosted snowy white in a simple yet attractive design. Metal reflecting surface is finished in hard baked easy-to-clean white enamel. Trim, consisting of end pieces, stems, canopy, etc., is satin aluminum finish. This fixture is available in two size so that perfect harmony in design is possible throughout the store or office. All are sold LESS LAMPS.

K25674—For four 40-watt (48") lamps. Dimensions (less stems and canopy) 49" long, 14" wide, 7" deep. 36" overall height. Shpg. wt. 32 lbs.

**YOUR COST EACH, LESS LAMPS.....\$30.10**  
In Lots of 3, EACH.....\$27.85

K25675—For four 20-watt (24") lamps. Dimensions (less stems and canopy) 24" long, 14" wide, 7" deep. 36" overall height. Shpg. wt. 24 lbs.

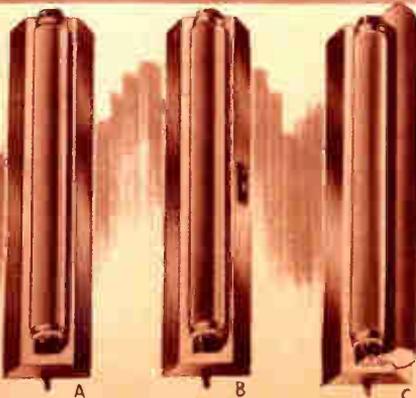
**YOUR COST EACH, LESS LAMPS.....\$23.23**  
In Lots of 3, EACH.....\$21.49

NOTE: WE CAN SUPPLY ALL TYPES OF COMMERCIAL FIXTURES. WRITE FOR QUOTATIONS ON THE TYPE YOU NEED.

## FLUORESCENT CHANNEL FIXTURES

For continuous strip lighting in show windows, over work benches, etc. Knock-outs at ends, bottom and sides provide for any possible combination. Finished in baked hard white glaze enamel. ALL SOLD LESS LAMPS.

Stock No.	No. Lamps	Size Lamps	Length Lamps	Shpg. Wt.	SINGLE EACH	Lots of 3, EACH
K25563	1	20-watt	24"	5 lbs.	\$2.94	\$2.72
K25564	1	40-watt	48"	9 lbs.	5.37	4.97
K25566	2	20-watt	24"	10 lbs.	5.88	5.44
K25567	2	40-watt	48"	22 lbs.	10.83	10.02
K25578	4	40-watt	48"	30 lbs.	19.40	17.95



## FLUORESCENT SIDEWALL BRACKETS

These attractive fixtures have many applications for decorative and utilitarian purposes. Alongside mirrors and medicine cabinets they provide a flood of soft glareless light for putting on make-up or shaving. With one of the many beautifully colored fluorescent lamps (available in red, pink, gold, blue, etc.) they can be used for many decorative purposes. The hooded type is often used horizontally on the wall alongside the tables in a restaurant to provide excellent glareless illumination of the table top. Three types are available as illustrated. Type "A" is plain. Type "B" has an outlet at one side for connecting an electric shaver, etc. Type "C" is like type A but has an adjustable hood which can be turned to either side of the lamp. 14-watt sizes are 15" long and 3/4" wide. They have a switch at one end and are finished in highly polished chrome. 20-watt sizes are 25" long and 3/4" wide, have switch at one end and are finished in hard baked white glaze enamel. All are for use on 110 volts 60 cycles AC only. They are easily installed and meet Underwriter's specifications (Approved). All components—ballasts, starters, sockets and switch are of the highest quality. All are sold LESS LAMP.

For 14-watt 15" Lamp				For 20-watt 18" Lamp			
Stock No.	Type	Shpg. Wt.	EACH	Stock No.	Type	Shpg. Wt.	EACH
K25676	A	3 lbs.	\$3.23	K25679	A	4 lbs.	\$3.82
K25677	B	3 lbs.	3.45	K25680	B	4 lbs.	4.05
K25678	C	4 lbs.	4.25	K25681	C	5 lbs.	5.20

# Lighting

## INDUSTRIAL FIXTURES

### DE LUXE Industrial Fixture

(A) A deluxe fixture to meet the demand for a more powerful intense light source for industrial applications. No wasted light spill over a large area. All illumination concentrated right where you want it. White baked enamel interior easily cleaned. Baked grey outside finish. Have knockouts at each end for continuous wiring so that they may be ganged up in two or more units to provide long continuous runs. Dimensions: 49" long, 13" wide, 8" deep. For 40-watt 48" lamps. K25664—Two-lite fixture. Shpg. wt. 35 lbs. LESS LAMPS. **\$14.48**  
 YOUR COST.....  
 In Lots of 3, EACH.....\$13.39  
 K25665—Three-lite fixture. Shpg. wt. 40 lbs. LESS LAMPS. **\$20.21**  
 YOUR COST.....  
 In Lots of 3, EACH.....\$18.69

### WIDE ANGLE Industrial Unit

(C) Scientifically designed reflector covers a wide area with evenly distributed light. For use where large areas must be covered with a minimum number of fixtures. Reflector interior finished in hard baked white enamel, exterior in baked grey. Complete with chain suspension. Dimensions: 50" long, 14" wide, 5" deep. For use with 40-watt, 48" fluorescent lamps. Shpg. wt. 12 lbs. K25667—Two-Lite "Wide Angle" Fixture. YOUR COST (Less Lamps).....**\$12.27**  
 In Lots of 3, EACH.....\$11.35

### Special Screw-in Adapter

(E) This adapter provides the simplest possible method of installing fluorescent lighting in place of existing incandescent lighting. Merely unscrew the old bulb from the socket and screw-in this new adapter and " presto" you have modern, economical, fluorescent lighting! Shade of one piece pressed steel houses all the necessary components and is finished in attractive lustrous metallic bronze with reflector interior finished in high-efficiency white. Ideal for homes, closets, worktables, etc. K25583—LESS LAMP (requires 15-watt 18" lamp). For 110 V. 60 Cycle A.C. only. Shpg. wt. 4 lbs. **\$3.21**  
 YOUR COST.....  
 In Lots of 3, EACH.....\$2.97

### STANDARD Industrial Fixture

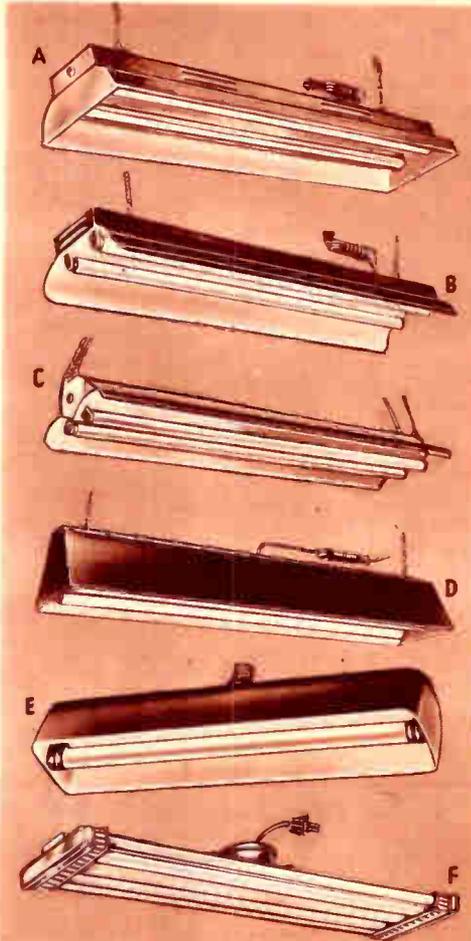
(B) Scientifically designed to provide a high intensity of light over work benches, machines, etc. Underwriter's approved components. Corrected ballasts. Complete with 6-ft. approved asbestos-covered wire leads, 4 "S" hooks and 6-foot of chain. For 110 V. 60 cycles AC only. LESS LAMPS. K25579—For two 20-watt (24") lamps. 26" x12" x7 1/4". Shpg. wt. 12 lbs. YOUR COST EACH.....**\$7.35**  
 In Lots of 3, EACH.....\$6.79  
 K25580—For one 40-watt (48") lamp. 50" x8 1/2" x6". Shpg. wt. 24 lbs. YOUR COST EACH.....**\$7.50**  
 In Lots of 3, EACH.....\$6.94  
 K25546—For two 40-watt (60") lamps. 13 1/2" x49". Shpg. wt. 35 lbs. YOUR COST EACH.....**\$12.27**  
 In Lots of 3, EACH.....\$11.35  
 K25666—For three 40-watt (48") lamps. 13 1/2" x49". Shpg. wt. 40 lbs. YOUR COST EACH.....**\$17.99**  
 In Lots of 3, EACH.....\$16.64  
 K25661—For two 100-watt (60") lamps. 17 1/2" x62". Shpg. wt. 55 lbs. YOUR COST EACH.....**\$26.75**  
 In Lots of 3, EACH.....\$24.75

### ECONOMY Industrial Fixture

Highly efficient yet low in price. Employs two 20-watt 24" lamps. Approved ballast. White baked enamel reflector. Outside finished brown crackle. Complete with two 8-ft. chains and cord and plug. 24" x5 1/2" x4". Shpg. wt. 7 lbs. LESS LAMPS. **\$6.05**  
 K25545—EACH.....  
 In Lots of 6, EACH.....\$5.57

### New STREAMLINE Adaptorlite

New design floods room with light. No dark spots on ceiling. Easily attached in place of standard 4" globe. May be mounted directly on outlet box. Finished glass-white baked enamel. Uses two 20-watt (24") lamps. Shpg. wt. 9 lbs. LESS LAMPS. **\$5.65**  
 K25668—EACH.....  
 In Lots of 3, EACH.....\$5.23  
 K13816—6" Adaptor for above...25c



### DE LUXE SWIVEL ADAPTER

Has a patented swivel socket adapter which is free turning and can be screwed into any standard light socket instantly. Rotates through a complete circle. Outside finished in baked-on brown wrinkle; inside has a special aluminized surface for maximum light reflection. This adapter offers a simple inexpensive means for installing fluorescent lighting in workshops, offices, etc. K25541—For one 15-watt (18") lamp. Shpg. wt. 5 lbs. YOUR COST EACH, LESS LAMP.... **\$3.22**  
 In Lots of 6, EACH.....\$2.97  
 K25552—For one 20-watt (24") lamp. Shpg. wt. 8 lbs. YOUR COST EACH, LESS LAMP.... **\$5.17**  
 In Lots of 6, EACH.....\$4.77  
 K25553—For two 20-watt (24") lamps. Shpg. wt. 11 lbs. YOUR COST EACH, LESS LAMPS... **\$6.22**  
 In Lots of 6, EACH.....\$5.75

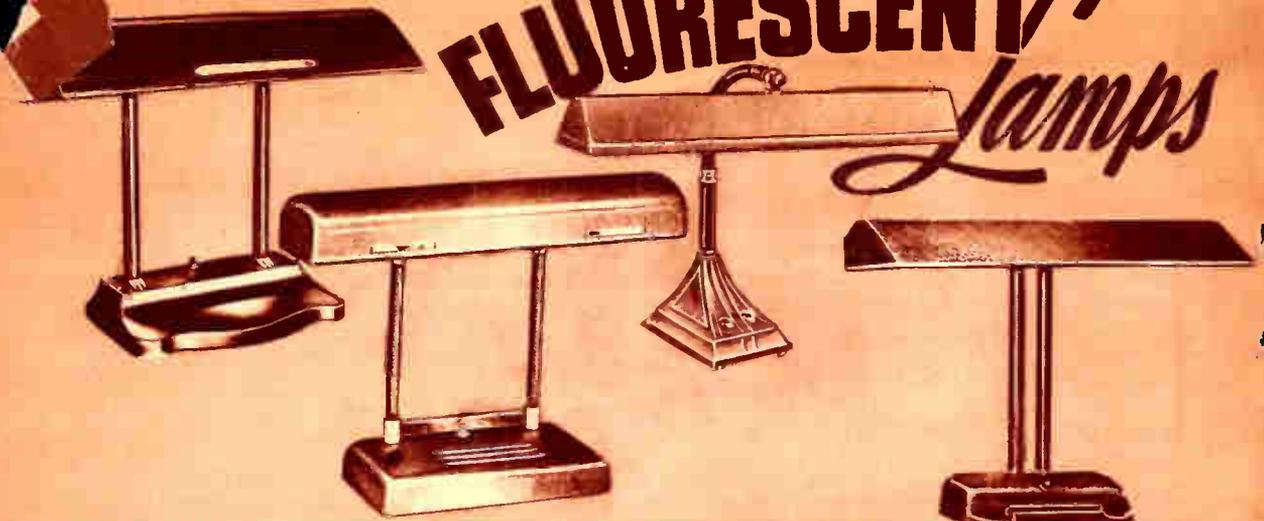
### FLUORESCENT ADAPTORLITE

With this adaptor fluorescent lighting can be installed instantly in any incandescent type of fixture employing a globe with either a 4" or 6" diameter holder. No electrical knowledge is required—just insert the plug of the adaptor into the lamp socket—fasten the adaptor in the shade holder and enjoy modern better lighting instantly. This is the ideal method whereby the average householder can install fluorescent lighting in the kitchen, bathroom, hallway, etc. Both models listed below with 4" adaptors. LESS LAMPS. K25581—For two 20-watt (24") lamps. Shpg. wt. 8 lbs. YOUR COST EACH, LESS LAMPS.... **\$5.07**  
 In Lots of 3, EACH.....\$4.69  
 K25584—For three 20-watt (24") lamps. Shpg. wt. 9 lbs. YOUR COST EACH, LESS LAMPS... **\$8.05**  
 In Lots of 3, EACH.....\$7.45  
 K13816—6" adaptor for either above...25c

### ADJUSTABLE BENCH LAMP

Quickly installed on tables, desks, work-benches, etc. Has an 18" reflector for a single 15-watt 18" lamp. The upright arm is adjustable in height from 14" to 26". Horizontal arm is adjustable up to 16". Morocco-brown finish with chrome trim. White enameled reflector. For 110 V. 60 cycles AC. Shpg. wt. 10 lbs. K25492—With clamp-on base. K25493—With screw-on base. EITHER MODEL, LESS LAMP EACH... **\$6.46**  
 In Lots of 3, EACH.....\$5.97  
 Two styler—with clamp at base to clamp to table edge—or with flange having screw holes to fasten permanently to bench.

# FLUORESCENT Lamps



## DELUXE Desk Lamp

Lighting luxury reaches a new peak with this handsome and distinctive fluorescent desk lamp. Because of its advanced design it floods the entire surface of your desk with powerful, yet completely glareless, cool light. It employs the exceptional reflector-in-a-reflector principle. A highly polished Alzac reflector together with a soft white diffusing reflector assures maximum efficiency with minimum glare. Quality and craftsmanship are indicated by its simple handsome lines and attractive brown finish. Takes 15-watt 18-inch lamp. Underwriters approved electrical parts. For 110 V. 60 cycles AC. Switch in base. 18" shade. Shpg. wt. 12 lbs. **SOLD LESS LAMP.**  
**K25543—**  
**YOUR COST.....\$7.12**  
 In Lots of 6, EACH.....\$6.57

## STANDARD Desk Lamp

Excellent quality at a reasonable price. Scientifically engineered and built to give maximum efficiency together with perfectly even light distribution. Smartly modern in design yet fully adjustable. The shade is formed of a single piece of steel as is the attractive base. Lamp is finished in rich banker bronze with polished brass trim. Interior reflecting surface in washable white enamel. Uses a single 15-watt 18-inch fluorescent lamp (not supplied) yet gives more usable light than many old style 60-watt incandescent desk lamps. Size: shade 18", base 11x6". Shpg. wt. 10 lbs. **LESS LAMP.**  
**K25650—EACH \$5.70**  
 In Lots of 3, EACH.....\$5.27  
 For Lamps see listing below.

## FLEXARM Desk Lamp

A really unusual desk lamp. Flexible arm permits adjusting shade to any position. Height adjustable from 9" to 14". Because of its complete flexibility it is suitable for many exacting applications in office, laboratory or factory. Duo and Tri switch controls give practically instantaneous lighting and trouble-free operation. Baked morocco brown finish with gold trim. Shpg. wt.: 1-lite, 8 lbs.; 2-lite, 10 lbs. **LESS LAMP.**  
**K25662—One Light (requires one 15-watt 18" lamp)**  
**YOUR COST \$5.10**  
 In Lots of 3, EACH.....\$4.71  
**K25663—Two Light (for 2 15-watt 18" lamp).**  
**YOUR COST \$8.22**  
 In Lots of 3, EACH.....\$7.59

## JUNIOR Desk Lamp

Remarkable value! Now, price need no longer be a factor in preventing you from changing over to this modern, better type of lighting. Decide today to conserve your child's eyesight by getting him one of these lamps. With better light to see by you'll find him more willing to study and getting tired less easily. Of neat modern design it is finished in attractive brown morocco. Inner surface of the parabolic reflector is finished in washable white enamel. Base 9 1/2 x 5 1/2" with convenient pen trough. Stands 15" high with 19" long shade. Uses one 15-watt 18-inch fluorescent lamp. Shpg. wt. 10 lbs.  
**K25551—LESS LAMP. \$4.51**  
**YOUR COST.....\$4.17**  
 In Lots of 3, EACH.....\$4.17  
 For Lamp see listing bottom of page



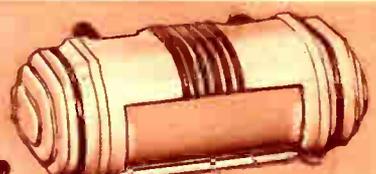
## Bed and Utility Lamp

A real fluorescent bed lamp. Soft, cool light that is easy-on-the-eyes. Beautifully finished in lustrous ivory and chrome. Easily hooked onto the headrest of your bed. Its attractive lines make it suitable for many other applications, too, such as over pictures, bulletin boards, music stands, cashier cages, etc. Has a high efficiency white enameled reflector that gets every bit of light out of the 15-watt 18-inch fluorescent lamp. Shpg. wt. 4 lbs.  
**K25582—SOLD LESS LAMP**  
**YOUR COST.....\$3.21**  
 In Lots of 3, EACH.....\$2.97  
 For Lamp see listing bottom of page.



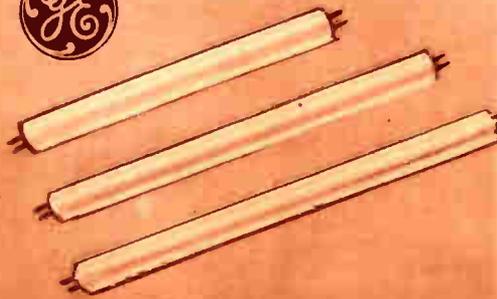
## Noise Filters for All Types of Fluorescent Fixtures

Under certain conditions it is often found that radio receivers connected to the same power lines will pick up electrical noise from a fluorescent fixture. This is easily eliminated by installing one of these filters into the offending fixture. The leads from the filter are connected to the power line and the case is grounded.  
**DeLuxe Filter—Cures the most obstinate cases.**  
 4 1/4 x 1 3/4 x 1 1/2". Shpg. wt. 1 lb  
**K12520—YOUR COST.....75¢**  
**Cornell-Dubilier Filter (right)**  
 Standard Filter—In cylindrical can 2 1/2 x 7/8"  
 Shpg. wt. 1/2 lb  
**K12501—YOUR COST.....53¢**



## PLASTIC Bed Lamp

Not a fluorescent fixture (employs an ordinary incandescent lamp bulb) but it is based on good lighting practice in that the light is thoroughly diffused and glare-free. The smartly styled case is of translucent ivory bakelite trimmed with gleaming chrome. A special light diffusing window throws a softly diffused light on your book and makes reading in bed a distinct pleasure. Rubber covered adjustable clamps attach the lamp firmly to the bed without marring the finish. 6-foot rubber-covered cord. **LESS BULB.**  
**K25521—YOUR COST.....\$1.30**  
 In Lots of 6, EACH.....\$1.20



## GE Mazda Fluorescent Lamps

"White" lamps provide a quality of light approximating that of the ordinary incandescent lamp. "Daylight" lamps approximate that of ordinary daylight. All supply several times the usable light output of ordinary incandescent lamps. Rated life better than 2500 hrs

White	Daylight	GE	Dimen.	Watts	EA.	Lots of	EA.	Lots of	EA.
Stock No.	Stock No.	No.	L x D						
K25533	K25534	T4 1/2	9 x 5/8	6	\$ .80	7	\$ .64	24	\$ .60
K25527	K25528	T5	12 x 5/8	8	.90	6	.72	24	.67
K25496	K25497	T8	18 x 1"	15	.65	8	.52	24	.48
K25525	K25526	T12	18 x 1 1/2"	15	.80	7	.64	24	.60
K25529	K25530	T12	15 x 1 1/2"	14	.80	7	.64	24	.60
K25535	K25536	T12	24 x 1 1/2"	20	.80	7	.64	24	.60
K25537	K25538	T8	36 x 1"	30	.80	7	.64	24	.60
K25539	K25540	T12	48 x 1 1/2"	40	1.15	5	.92	24	.86
K25531	K25532	T17*	60 x 2 1/8"	100	2.60	2	2.08	12	1.95

\*100-watt lamps have mogul 2-pin base; all others have standard 2-pin base. Approx. shipping weights: 6 & 8-watt—1 1/2 lbs.; 14, 15, 20-watts—2 lbs.; 30 & 40 watt—3 1/2 lbs.; 100-watt—8 lbs.  
 NOTE: When purchasing lamps with any fluorescent fixture listed use list "Lots of" price instead of single price.

# FLUORESCENT Components



## FLUORESCENT BALLASTS

High power factor (H.P.F.) units have a factor of from 90 to 100%. Normal power factor (N.P.F.) units from 55 to 63%. All units are Underwriters Approved. All ballasts are for 105-125 volt 60 cycles A.C. operation.

SINGLE LAMP H.P.F.				SINGLE LAMP N.P.F.				
Lamp	Stock Wt.	20 or	20 or	Stock Wt.	20 or	20 or	20 or	
Watts	No.	Lbs.	EA.	No.	Lbs.	EA.	Over	
15	K25612	3	\$2.35	\$2.02	K25616	2	\$ .56	\$ .48
20	K25613	3	2.35	2.02	K25617	2	.56	.48
30	K25614	5	3.65	3.13	K25618	3	2.06	1.76
40	K25615	5	3.65	3.13	K25619	3	2.06	1.76

### TWO LAMP H.P.F.

Have built-in compensator for quick starting of second lamp and to minimize stroboscopic effect.

Lamp	Stock No.	Shpg. Wt.	YOUR COST	20 or Over
15 Watts	K25608	4 lbs.	\$3.34	\$2.87
20 Watts	K25609	4 lbs.	3.34	2.87
30 Watts	K25610	7 lbs.	5.06	4.34
40 Watts	K25611	7 lbs.	4.80	4.12

### SPECIAL TWO LAMP H.P.F.

Reduced Stroboscopic effect. Requires no compensator.

Lamp	Stock No.	Shpg. Wt.	YOUR COST	20 or Over
2 40 Watts	K25605	4 1/2 lbs.	\$4.29	\$3.68



## 100 Watt Components

The new 100-watt lamp provides the most intense illumination of any of the new fluorescent lamps.

K25622—Dual 100-watt power factor corrected ballast. Size: 2 3/8 x 3 1/8 x 1 9/16". Shpg. wt. 1 1/2 lbs.

YOUR COST... **\$8.40**

K25623—Single 100-watt ballast (normal power factor). 2 3/8 x 3 1/8 x 1 1/4". Shpg. wt. 1 1/2 lbs.

YOUR COST... **\$5.59**

K13801—T-17 Sockets Per Pair... **79c**

K13813—FS-6 Starter... **85c**

## 6-Watt Components

This new small lamp is ideal for shaving lamps, small signs, table lamps, etc. The lamp is only 9" long and consumes only 6 watts. Use the following units to make up your own fixture.

K13808—T-5 Sockets PER PAIR... **54c**

K25624—6-Watt Ballast with built-in socket for starter. For 110-125 V. 60 cycles A.C. Less starter. Wt. 3 lbs.

YOUR COST... **90c**

K13802—FS-5 Starter... **32c**

NOTE: If you have any problems concerning any phase of fluorescent lighting include them with your order and our experts will cheerfully assist you in solving them—no obligation, of course.



## Fluorescent Sockets

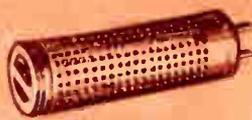
For T-8 and T-12 lamps. Combination sockets include socket for starter. All are molded of durable heat-proof plastic having a high insulating value. For 6 and 100-watt sockets see listing above.

- K13803—Comb. black... **28c**
- K13804—Comb. white... **30c**
- K13805—Plain black... **17c**
- K13806—Plain white... **19c**
- K13807—Starter only... **14c**

## Plastic Socket Masks

Hide those unsightly sockets on open type fixtures. These smartly styled plastic masks slip on in an instant and cover both the socket and the metal end of the tube. Made of lustrous white plastic they glow softly when the fixture is in operation. They are durable, easy to attach and very reasonable in price.

K13817—EACH... **15c**  
10 for... **\$1.20**



## CLAROSTAT

### Fluorescent AC to DC Conversion Ballasts

Fluorescent desk lamps designed for operation on AC may be used on DC of equivalent voltage by using one of these ballasts. Ballast has a receptacle at one end and a standard two-prong plug at the other. Ballast is first plugged into the power line outlet and the lamp plug is then inserted into the ballast. Employs a glass-insulated resistor. Size: 3 5/8" x 1 1/2". Shpg. wt. 2 lbs.

K13818—195 ohms for use with 15-watt lamps on 120 V. DC.

K13819—144 ohms for 20-watt lamps on 120 V. DC.

EITHER TYPE, EACH... **98c**



## Type AF No. 16 Wire

Asbestos covered wire recommended by the Underwriters Laboratories for wiring fluorescent fixtures. Stranded. Solders easily. No. 16 gauge. Black used for live leg; white for ground lead. Approximate shpg. weight 3 lbs. per 100-ft. coil.

K20921—Black } **3c per foot**  
K20922—White }

100-foot for... **\$2.70**

## Burgess "Blackout" Bulbs

For flashlights. Specially treated to produce a diffused deep red light.

Type #14 (2.5V)—miniature screw.

Type #PR2 (2.4V)—miniature flange.

K12210—#14 **14c** Lots of 20 Each... **11c**

K12211—#PR2 **18c** Lots of 20 Each... **15c**



## All-Purpose Stands or Hangs Anywhere

Not a flashlight but a focusing electric lantern! 60 to 80 hours service per battery. Stands or hangs in any position. Weather-tight lens and switch. Uses standard Mazda No. 502 or No. 27 5-volt bulb. Standard model has read handle and heavier stand. Shpg. wt. 3 lbs.

K20628—Adjust-O-Beam... **\$1.44**

K20630—6-V. Battery for above models. EACH... **35c**

K12212—Extra Mazda No. 502 Bulb. (Ten for... **10c**)

K12213—Extra Mazda No. 27 Bulb. (Ten for... **13c**)

## Lantern Ideal for Blackout Emergency

Adjust-O-Beam model has wire handle and stand. Deluxe Facal Ray K20629—Facal-Ray EACH, Less Battery... **\$2.09**

## New "Blackout" Lamp

No need to be in absolute darkness during a "blackout"! You can have sufficient light, to prevent falling over furniture or down the stairs, if it's the right kind of light. Standard 10-watt bulb but made of special fused silanic amber and black glass. Has 1" round opening at bottom.

K12610—(Lots of 120. Ea. 17c) EACH... **25c**

K12611—Display Unit of 30 Lamps... **\$5.65**

K12612—Adapter to plug lamp into base outlet... **9c**



## Chain Kit

Pair of 36" brush-brass finished steel chains and three 1/8" loops. Fits all standard fixtures. Shpg. wt. 2 lbs.

K13814—PER KIT... **45c**

## Switch Kit

Includes pull-chain switch and washers to fit standard knock-outs. Fits most standard fluorescent lighting fixtures.

K13815—EACH... **30c**



## Fluorescent Starter Switches

K13802—FS-5, 6" 4-W.; 9" 6-W. and 12" 8-W. lamps.

YOUR COST... **32c**

K13810—FS-2, 18" 15-W.; 24" 20-W.

K13811—FS-4, 36" 30-W.; 48" 40-W.

EITHER ABOVE EACH... **27c**

K13820—FS-7. For 36" 65-W. lamps.

K13813—FS-6. For 60" 100-W. lamps. EITHER ABOVE, EACH... **85c**



# I WILL TRAIN YOU TO START A SPARE TIME OR FULL TIME RADIO SERVICE BUSINESS WITHOUT CAPITAL

I Trained  
These  
Men

I Trained  
These  
Men

J. E. SMITH, President  
National Radio Institute  
Established 27 Years

## These Men Have SPARE TIME BUSINESSES

## These Men Have FULL TIME BUSINESSES

### YOU BUILD THESE AND OTHER RADIO CIRCUITS

With Standard Radio  
Parts I Send You  
With My Course

I send you SIX BIG  
KITS of Standard Radio  
Parts as part of my Course.  
With them you conduct  
SIXTY sets of experi-  
ments, build, test and  
align Radio circuits, and  
get the experience needed  
to make extra money while  
learning.



"I repaired Radios when I was on my tenth lesson. I really don't see how you can give so much for such a small amount of money; I made \$600 in a year and a half, and I have made an average of \$10 a week - just spare time."

JOHN JERRY,  
1729 Penn St., Denver, Colo.

"I do Radio Service work in my spare time only, operating from my home, and I net about \$40 a month. I was able to start servicing Radios 3 months after enrolling with N.R.I."

WM. J. CHERMAK,  
R. No. 1, Box 287, Hopkins, Minn.



"I am doing spare time Radio Work, and I am averaging around \$500 a year. These extra dollars mean so much the difference between just barely getting by and living comfortably."

JOHN WASHKO,  
97 New Cranberry, Hazlet, Penna.



"For several years I have been in business for myself making around \$200 a month. Business has steadily increased. I have N.R.I. to thank for my start in this field."

ARLIE J. FROHNER,  
300 W. Texas Ave., Goose Creek, Texas

"I went into business for myself 6 months after enrolling. In my Radio repair shop I do about \$300 worth of business a month. I can't tell you how valuable your Course has been to me."

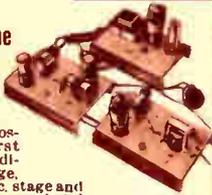
A. J. BATEN,  
Box 1168, Gladewater, Texas



"I started Radio in the Marines in 1917. Later I started studying Radio for a living. I recommend N.R.I. Training to any man no matter how long he has worked in Radio. I now have my own business."

CHARLES F. HELMUTH,  
16 Hobart Ave., Absecon, N. J.

### Superheterodyne Radio Receiver



With preselector, oscillator-mixer-first detector, intermediate frequency stage, diode detector a. v. c. stage and audio stage, which you build from parts I send you, learning the reasons for Super operation and conducting service experiments.

### Measuring Instrument



you build early in the Course. This instrument, known as the N.R.I. Tester, is a vacuum tube multimeter with a sensitivity better than 20,000 ohms-per-volt. You will be able

to make the following measurements: a. c. volts up to 550 in 4 ranges; d. c. volts up to 450 in 4 ranges; d. c. current up to 45 ma. in 2 ranges; resistance values up to 100 meg. in 4 ranges; output measurements of receivers in 4 ranges.

### A.M. Signal-Generator



The circuit is exactly like the signal generator the serviceman uses. It provides an amplitude modulated Radio signal for experimental purposes.

### FREE LESSON

Get my Sample Lesson, "Radio Receiver Troubles - Their Cause and Remedy," now. See how completely this ONE TEXT covers a long list of troubles in all types of receivers. A special section is devoted to receiver check-up, alignment, balancing, neutralizing, testing. See for yourself how complete, how practical my Lesson Texts are. MAIL THE COUPON.

The men above are just a few of many I have trained at home in spare time to be Radio Technicians. Today they are operating their own successful spare time or full time Radio businesses. Hundreds more of my men hold good jobs in practically every branch of Radio, as Radio Technicians or Operators. Aren't these men PROOF that my 50-50 method of training gives you, in your spare time at home, BOTH a thorough knowledge of Radio principles and the practical experience you need to help you make good money in the growing Radio industry.

### Train This Practical N.R.I. Way "Learn It, Do It, Prove It"

First, you LEARN the fundamental facts about Radio parts and circuits by reading my Lesson Texts, prepared especially for home study training. Next, you DO what you have learned by experimenting with actual Radio parts and circuits. Finally you PROVE what you learn by making measurements with your test equipment before and after you change your Radio circuits or adjust your Radio parts.

### You Get SIX Kits of Radio Parts

These kits contain more than 100 standard Radio parts, including tubes, condensers, resistors, punched chassis bases, a meter, a soldering iron, solder, hook-up wire, hardware and a host of other Radio parts. With all these, you perform 60 different sets of experiments - you make hundreds of tests and measurements and secure a wealth of practical experience. You build the N.R.I. Tester (see column at left), and learn how to use it. You build dozens of different Radio receiver and transmitter circuits, one after another, and secure practical experience with each. You learn how to recognize, locate and repair troubles in Radio circuits.

### Beginners Learn To Earn \$5, \$10 A Week Extra In Spare Time

I show you, too, how to get practical servicing experience at home. Many use their spare time to begin doing real Radio work in their neighborhood a few months after enrolling. Furthermore,

right from the start I begin sending you Practical Job Sheets - over three dozen in all - which give plans and directions for doing increasingly more profitable Radio servicing jobs. This is why so many of my students start building their own Radio service businesses while learning, using for capital the \$5 to \$10 a week extra they make in spare time.

Why It's Smart to Train for Radio NOW  
Radio is a vital industry both in peacetime and wartime. But it's an industry which requires well-trained men. That's why N.R.I.-trained Radio Technicians and Operators earn good pay in practically every branch of Radio today: in Broadcasting, Aviation, Police, Government, Commercial, Marine Radio Stations; repairing, installing, selling home and auto Radio sets, operating, servicing Loud-Speaker systems.

### EXTRA PAY IN ARMY, NAVY TOO

Men likely to go into military service - soldiers, sailors, marines - should mail the Coupon Now! Learning Radio helps men to get extra rank, extra prestige, more interesting duty at pay up to several times a private's base pay! IT'S SMART TO TRAIN FOR RADIO NOW!

### MAIL THE COUPON

for a Sample Lesson and 64-page book FREE. Learn how I can give you practical training at home in your spare time; about my Course; my 6 Big Kits of Radio Parts. Read letters from more than 100 men I trained, so you can see what they are doing and earning. MAIL THE COUPON in an envelope, or paste it on a penny postcard.

J. E. SMITH, President  
Dept. 2DF3  
National Radio Institute  
Washington, D. C.

## Good for Both 64 PAGE BOOK Free SAMPLE LESSON

J. E. Smith, President Dept. 2DF3  
National Radio Institute, Washington, D. C.

Mail me FREE without obligation, your Sample Lesson and 64-page book "Rich Rewards in Radio." (No salesman will call. Write plainly.)  
( ) I am in Radio now. ( ) I am not in Radio now.

Name.....Are.....

Address.....

City.....State..... 14 x 1



# Radio Wire Television Inc.

Mail Your Orders to 100 SIXTH AVENUE, NEW YORK, N. Y. Phone: WA 5-8883

**BOSTON, MASS.**

110 FEDERAL ST.

Phone: HUBbard 0474

**NEWARK, N. J.**

24 CENTRAL AVE.

Phone: MARket 2-1661

**BRONX, N. Y.**

542 E. FORDHAM RD.

Phone: RAYmond 9-8813

## REGARDING PRICES, TAXES and SUPPLIES:

Today, every American appreciates the problems confronting our government. All essential materials—all procedures necessary to finance our National Defense Program must be given the "right of way"! In compiling this catalog, we have made every possible preparation to fill your orders as you send them to us, with reasonable promptness. However, our prices are so low that should there be any increase in our

costs due to federal, state or local regulations or taxes, we must reserve the right to add these increases to the prices shown in this catalog. In addition, where essential materials are diverted to National Defense requirements, we must reserve the right to limit quantities or to make substitutions of merchandise of like quality. At all times though, **WE GUARANTEE SATISFACTION OR YOUR MONEY WILL BE REFUNDED.**

## HOW TO ORDER

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).

## 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 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 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	.13	.14
2	.10	.10	.11	.12	.13	.14	.15	.16
3	.11	.11	.12	.13	.14	.15	.16	.17
4	.12	.12	.13	.14	.15	.16	.17	.18
5	.13	.13	.14	.15	.16	.17	.18	.19
6	.14	.14	.15	.16	.17	.18	.19	.20
7	.15	.15	.16	.17	.18	.19	.20	.21
8	.16	.16	.17	.18	.19	.20	.21	.22
9	.17	.17	.18	.19	.20	.21	.22	.23
10	.18	.18	.19	.20	.21	.22	.23	.24
11	.19	.19	.20	.21	.22	.23	.24	.25
12	.21	.21	.22	.23	.24	.25	.26	.27
13	.22	.22	.23	.24	.25	.26	.27	.28
14	.23	.23	.24	.25	.26	.27	.28	.29
15	.24	.24	.25	.26	.27	.28	.29	.30
16	.25	.25	.26	.27	.28	.29	.30	.31
17	.26	.26	.27	.28	.29	.30	.31	.32
18	.27	.27	.28	.29	.30	.31	.32	.33
19	.28	.28	.29	.30	.31	.32	.33	.34
20	.29	.29	.30	.31	.32	.33	.34	.35
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 lbs.	\$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	2.70	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.

# INDEX

Article	Page	Article	Page	Article	Page	Article	Page
<b>A</b>		Trimmer	61, 99	Insulators, Aerial	64, 110	Motors	22, 25, 26
Adapters	22, 50, 95	Variable	60, 61, 65, 99	Insulators, Feed-through	64	Needles	27
<b>AERIALS</b>		Vibrator	63, 120	Insulators, Spreader	64	Pick-ups	22, 29
Auto	121	Cones, Speaker	40	Insulators, Stand-off	60, 110	Records	24, 66
Couplers	110	Connectors	35, 36, 109, 121	Interference Eliminators	65	Record Changers	24
Insulators	110	Connectors, Mike	33, 35	Irons, Soldering	116	Stroboscope	22
Kits	94, 111	Controls, Line Voltage	14	<b>J</b>		Photo-Electric Cells	21
Lead-in Strips	110	Controls, Photo-Electric	21	Jacks	33, 36, 92	Pilot Light Brackets	15
Lightning Arrestors	110	Controls, Power	40, 84, 85	Jewels, Pilot Light	15	Pilot Light Bulbs	15
Loop	111	Controls, Volume	87-91	<b>K</b>		Pipe Strips	110
Wire	107, 110	Convenience Outlets	109	Keys	66	Pitch	113
Alarm System	21	Converter, Frequency	9	<b>Kits</b>		Plates, Auto Panel	119
Albums, Record	23	Modulation	9	Aerial	94, 111	Plating Outfits	113
Aligning Tools	117	Converters, Rotary	19	Cabinet Repair	113	Plugs, Attachment	35, 109
Arrestors, Lightning	110	Cord Connectors	95, 109	Condenser	11, 82	Plugs, Phone	36, 92, 95
Attenuators	38, 40	Cords, Appliance	11	Dial Scale	11, 82	Plugs, Mike	33, 35, 36, 92
Audio Transformers	68-75	Cords, Extension	95, 109	Hardware	106	Plugs, Tip	23, 102
Auto Radio Accessories	10, 118, 119, 120	Couplers, Antenna	110	Knobs	49	Portable Record Players	24
Automatic Record		Coupling Shaft	60, 99	Meter	49	Posts, Binding	102
Changers	24, 26	Crystal Detector	94	Photo Cell	21	Power Packs	20
<b>B</b>		Crystal Sets	94	Radio Set	93, 94	Power Transformers	11, 68, 69, 71, 72, 73, 74
Baffles, Speaker	37-40	Crystals, Transmitting	67	Resistor	11, 86	Projectors, Speaker	38, 39
Ballast, Line	14	Cushions, Phone	95	Socket	11	Punch, Metal	104, 105, 114
Batteries	16, 17, 18, 19	Cutters, Circle	115	S.W. Receiver	93, 94	Push Button Units	10, 92
Belts, Drive	98	<b>D</b>		Tool	112, 117	<b>R</b>	
Binding Posts	102	Detector, Crystal	94	Volume Control	89	Racks	104
Bits	115	Dials	9, 60, 98, 99	Wire	11, 107	Radio Receivers	1, 4, 5, 6, 7
Blanks, Record	27	Dial Cable	98	Knobs, Bakelite	66, 99	Reamer	115
Blow Torches	114	Dial Drives	65, 99	Knobs, Nail-it	110	Receptacles	109
<b>BOOKS 52-54, 74</b>		Dial Lights	15	Knobs, Radio	11, 99, 121	Records, Phono	24, 66
Brackets, Angle	103, 106	Dial Plates	36	Knobs, Screw-in	110	Record Changers	24, 26
Brackets, Mounting	65, 91	Discs, Recording	27	<b>L</b>		Recorders	25
Brackets, Pilot Light	15	Drills	114, 115	Lacquer	113	Record Players	24
Brackets, Sub-panel	104	Dry Cells	16, 17	<b>LAFAYETTE</b>		Recording Discs	27
Bulbs, Fluorescent	124	<b>E</b>		Aerial Kits	111	Rectifiers, Copper Oxide	20, 49
Bulbs, Pilot	15	Earphones	94, 95	Baffles	39	Reducers	34
Bulbs, Tungar	19	Earphone Cushions	95	Converters	19	Regulators, Voltage	14
Burglar Alarm	21	Electric Eye Units	21	Portable Phonographs	24	Relays	21, 67
Bus Bar	108	Electrolytic Condensers	10, 11, 63, 74, 76-82	Receiver Kits	93	Remote Controls, Auto	119
Bushings	64, 99	Electroplaters	113	Record Players	24	<b>Resistors</b>	
Buzzers	66	Eliminators, Aerial	83	Speakers	39, 41	Carbon	85, 86
<b>C</b>		Eliminators, Battery	20	Transformers	39	Kits	86
Cabinets, Phono	22	Eliminators, Noise	83	Tubes	12, 13	Line Cord	14
Cabinets, Metal	104, 105	Enamel	113	Lamps, Exciter	15	Meter Multipliers	49, 86
Cabinets, Speaker	36, 37, 104	Enclosures, Speaker	36-39	Lamps, Neon	15	Variable	84, 86
Cables, Auto	10, 119	Equalizers	40	Lanterns	125	Wire Wound	84, 85, 86
Cables, Dial	98	Exciter Lamps	15	Lead-ins, Aerial	110	Resistor Tubes	14
Cables, Microphone	34	Extension Cords	95	Leads, Test	102, 117	Resistance Indicators	84, 85
Cable, Speaker	40	Extension Shafts	89-91	Lightning Arresters	110	Ruler	114, 115
Calipers	115	<b>F</b>		Lights, Pilot	15	<b>S</b>	
Carbon Resistors	85	Feeder Spreaders	60, 64	Line Ballasts	14	Saws	114
Cases, Carrying	23, 36, 49	Field Coils, Speaker	40	Lubricant	22, 23, 113	Scratch Remover	113
Cat Whiskers	94	Filament Transformers	68, 69, 72, 73	Lugs	103, 106	Screen Grid Caps	103
Cement	40, 65, 97, 113	Filter Chokes	68-74	<b>M</b>		Screws	103, 106
Charger, Battery	18	Filter Condensers	10, 11, 63, 74, 76-82	Masts, Antenna	9, 111	Screw Drivers	112
Chassis, Metal	105	Filters, Interference	83	Meters	49, 60, 51	Screw Extractors	115
Chests, Tool	113	Fittings, Auto Radio	119	Meter Accessories	49, 50, 51	Sharpeners, Needle	22
Chimes, Station	34	Fixtures, Electric	122-124	<b>Microphones</b>		Shielding	103
Chokes, Filter	68-74	Flashlights	10, 19	22, 30, 31, 32		Shields, Tube	120
Chokes, R.F.	60, 61, 65, 96	<b>FLUORESCENT LIGHTS 122-124</b>		Accessories	22, 30-36	Shims, Cone Centering	40
Circle Cutters	114	Flux, Solder	113	Connectors	33, 35, 36	<b>SHIPPING INFORMATION 127</b>	
Clamps, Cable	102	Forms, Coil	61, 96	Stands	30, 31, 32, 34	Short Wave Sets	55-59
<b>Clips</b>		Friction Tape	103	Transformers	81, 70, 73, 75	Slide-Rules	115
Alligator	102, 103	Fuses	49, 109, 121	Motors, Phono	22, 25, 26	Sockets	11, 15, 35, 67
Battery	103, 106	Fuse Retainer	121	Mounting Strips	35, 101	Sockets, Tube	60, 100
Cable	34	<b>G</b>		Multipliers	49	Solder	113
Fahnestock	103	Galena	94	<b>N</b>		Soldering Irons	116
Fuse	49	Generators	19	Name Plates	36	Spacers	106
Screen Grid	103	Granules, Carbon	34	Needles, Phonograph	27	Spaghetti Tubing	108
Cloth, Grille	40	Grille Cloth	40	Needle Sharpener	22	Speakers	37-41
Code Practice Sets	66	Grinder	115	Neon Glow Lamps	15	Speaker Accessories	35-39
<b>Coils</b>		Grommets	106	Neutralizing Tools	17	Speaker Cabinets	37, 104
Antenna	96, 97	Ground Clamps	110	Noise Eliminators	83, 120	Speaker Cones	40
Dope	65, 97	Ground Rods	110	Nuts	91, 106	Speaker Field Coils	40
Forms	61, 96	<b>H</b>		<b>O</b>		Speaker Housing	37, 38, 39
I.F.	9, 11, 96, 97	Handsets	22	Ohm Indicators	84, 85	Sprayers	113
Oscillator	96, 97	Hardware	103, 106	Oscillators, Code Practice	66	Springs, Dial	98
Plug-in	61, 65, 96	Headphones	84, 85	Outlets, Baseboard	109	Stands, Mike	30, 31, 32, 34
R.F.	96, 97	Hearing Aids	83	<b>P</b>		Stands, Soldering Iron	116
Speaker Field	40	Hearing Cord Sets	109	Pads, "T" and "L"	40	Staples	110, 112, 114
Shields	103	Heater Elements	109	Paint	113	Storage Batteries	19
Coil Winder	114	Home Recording Outfits	25	PANELS	104, 105	Stroboscope	22
<b>Condensers</b>		Horns	38	Paste, Soldering	113	Suppressors	119, 120
By-Pass	10, 63, 76-82	<b>HOW TO ORDER 127</b>		Phone Cords	95	<b>Switches</b>	
Cartridge	76-82	Hydrometers	19	Phone Plugs	36, 95	Anti-Capacity	101
Electrolytic	10, 11, 63, 74, 76-82	<b>I</b>		Phone Tips	102, 117	Attachment	91
Filters	10, 63, 74, 76-82	Inverters	20	Phones Ear	94, 95	Feed-Thru	109
Mica	63, 76, 78, 79, 80, 82	Insulated Slewing	108, 121	<b>PHONOGRAPH</b>		Jack	92, 101
Neutralizing	60, 65	<b>J</b>		Albums	23	Knife	101
Padder	61, 65, 99	Jacks	33, 36, 92	Adapters	22	Mike Stand	33, 34
Transmitting	60, 61, 63, 65, 76	Jewels, Pilot Light	15	Cabinets	22	Momentary	101
<b>T</b>		<b>Wave-Change</b>	92	<b>PHOTOGRAPH</b>		Momentary	101
Tape, Friction	103	Switch Plates	92, 101	Albums	23	Push-Button	10, 92, 109
Tape Sender	66	<b>TEST INSTRUMENTS 42-49</b>		Adapters	22	Rotary	11, 92, 101
Taps and Dies	115	Test Prods	117	Cabinets	22	Toggle	101
Telephones	22	Tips, Iron	116	<b>W</b>		Washers	103, 106
Terminal Strips	35, 101	Tip Jacks	23, 102	Wave Trap	65, 97, 111	Wave Trap	65, 97, 111
<b>TEST INSTRUMENTS 42-49</b>		Tools	112-115	Window Strips	112	Winder, Coil	97, 114
Test Prods	117	Tools, Aligning	117	<b>WIRE</b>		Window Strips	112
Tips, Iron	116	Torches, Blow	114	Aerial	107, 110	Aerial	107, 110
Tip Jacks	23, 102	Transceivers	93	Bell	10	Bell	10
Tools	112-115	<b>Transformers</b>		Bus	108	Bus	108
Tools, Aligning	117	Audio	68-75	Fixture	109	Fixture	109
Torches, Blow	114	Bell Ringing	73	Hook-Up	11, 107, 108	Hook-Up	11, 107, 108
Transceivers	93	Filament	73	Ignition	126	Ignition	126
<b>Transformers</b>		Mixing	68, 69, 70, 71	Kits	107	Kits	107
Audio	68-75	Modulation	68, 69	Lead-in	110	Lead-in	110
Bell Ringing	73	Output	37, 39, 41, 68-75	Litz	11, 107	Litz	11, 107
Filament	73	Power	11, 68, 69, 71-74	Magnet	108	Magnet	108
Mixing	68, 69, 70, 71	Step-down	68, 73	Push-Back	107, 108	Push-Back	107, 108
Modulation	68, 69	Transmitting	68, 69	Rubber-Covered	34, 40	Rubber-Covered	34, 40
Output	37, 39, 41, 68-75	Transmitters	55, 93	Shielded	107, 108, 110	Shielded	107, 108, 110
Power	11, 68, 69, 71-74	<b>TRUTEST</b>		Television	107, 109	Television	107, 109
Step-down	68, 73	Audio	72	Wire Stripper	112	Wire Stripper	112
Transmitting	68, 69	Ballasts	14	Wrenches	91, 112	Wrenches	91, 112
Transmitters	55, 93	By-Pass Condensers	78				
<b>TRUTEST</b>		Coils	96				
Audio	72	Chokes	72, 96				
Ballasts	14	Crystals	67				
By-Pass Condensers	78	Electrolytics	78				
Coils	96	Microphone	33				
Chokes	72, 96	Power Transformers	73				
Crystals	67	Resistors	84, 85				
Electrolytics	78	Soldering Irons	116				
Microphone	33	Suppressors	120				
Power Transformers	73	Transformers	73				
Resistors	84, 85	Variable Condensers	99				
Soldering Irons	116	Vibrators	120				
Suppressors	120	Volume Controls	88				
Transformers	73	<b>TUBES</b>					
Variable Condensers	99	Acorn	62				
Vibrators	120	Ballast	14				
Volume Controls	88	Cathode-Ray	62				
<b>TUBES</b>		Photocells	62				
Acorn	62	Receiving	11, 12, 13				
Ballast	14	Transmitting	62				
Cathode-Ray	62	Voltage Regulator	14, 62				
Photocells	62	Tubing, Insulated	103, 121				
Receiving	11, 12, 13	Tube Shields	103				
Transmitting	62	Tube Sockets	100				
Voltage Regulator	14, 62	Tuning Indicator	50				
Tubing, Insulated	103, 121	Tuning Wand	117				
Tube Shields	103	Tungar Bulbs	19				
Tube Sockets	100	Tungar Chargers	18				
Tuning Indicator	50	<b>V</b>					
Tuning Wand	117	Variable Condensers	60, 61, 65, 99				
Tungar Bulbs	19	Vibrators	118, 120				
Tungar Chargers	18	Voltage Dividers	84, 86				
<b>V</b>		Voltage Regulators					
Variable Condensers	60, 61, 65, 99	Volt Ohmmeters	14, 69, 73				
Vibrators	118, 120	<b>Volume Controls 87-91</b>					
Voltage Div							